

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052924\
 Data File : VX041665.D
 Acq On : 29 May 2024 10:42
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2024
 Supervised By : Semsettin Yesilyurt 05/30/2024

Quant Time: May 30 07:26:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:15:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	181407	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	260218	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109041	49.009	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.020%		
35) Dibromofluoromethane	5.385	113	88219	49.034	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.060%		
50) Toluene-d8	8.647	98	316269	50.310	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.620%		
62) 4-Bromofluorobenzene	11.079	95	118250	50.966	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.940%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	81453	51.100	ug/l	97
3) Chloromethane	1.300	50	82652	47.524	ug/l	99
4) Vinyl Chloride	1.374	62	87179	48.693	ug/l	99
5) Bromomethane	1.599	94	61920	49.660	ug/l	98
6) Chloroethane	1.666	64	47660	44.043	ug/l	99
7) Trichlorofluoromethane	1.867	101	140882	48.187	ug/l	97
8) Diethyl Ether	2.136	74	54571	48.431	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	80821	48.786	ug/l	89
10) Methyl Iodide	2.447	142	104082	50.383	ug/l	91
11) Tert butyl alcohol	3.007	59	93335	237.141	ug/l	# 91
12) 1,1-Dichloroethene	2.306	96	79547	49.192	ug/l	93
13) Acrolein	2.239	56	89126	243.149	ug/l	97
14) Allyl chloride	2.660	41	137180	51.566	ug/l	97
15) Acrylonitrile	3.075	53	240792	249.465	ug/l	99
16) Acetone	2.392	43	234503	243.908	ug/l	98
17) Carbon Disulfide	2.501	76	180933	50.579	ug/l	99
18) Methyl Acetate	2.709	43	104632	49.252	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	271522	50.186	ug/l	99
20) Methylene Chloride	2.788	84	89877	45.140	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	82893	49.407	ug/l	91
22) Diisopropyl ether	3.763	45	276138	50.791	ug/l	93
23) Vinyl Acetate	3.721	43	1283610	262.804	ug/l	97
24) 1,1-Dichloroethane	3.605	63	153762	50.016	ug/l	97
25) 2-Butanone	4.568	43	351556	254.236	ug/l	99
26) 2,2-Dichloropropane	4.471	77	125198	49.637	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	99908	49.815	ug/l	93
28) Bromochloromethane	4.897	49	64120	48.426	ug/l	# 80
29) Tetrahydrofuran	5.013	42	219531	251.737	ug/l	96
30) Chloroform	5.092	83	161434	50.015	ug/l	98
31) Cyclohexane	5.464	56	129200	49.186	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	142879	50.514	ug/l	98
36) 1,1-Dichloropropene	5.690	75	107257	49.235	ug/l	96
37) Ethyl Acetate	4.721	43	137821	50.130	ug/l	99
38) Carbon Tetrachloride	5.672	117	125300	50.626	ug/l	99
39) Methylcyclohexane	7.379	83	136925	51.160	ug/l	93
40) Benzene	6.037	78	341243	50.115	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	70909	52.738	ug/l	95
42) 1,2-Dichloroethane	6.086	62	128007	50.357	ug/l	97
43) Isopropyl Acetate	6.342	43	208421	50.212	ug/l	98
44) Trichloroethene	7.123	130	93071	50.257	ug/l	89
45) 1,2-Dichloropropane	7.427	63	82579	51.006	ug/l	97
46) Dibromomethane	7.580	93	63304	50.979	ug/l #	80
47) Bromodichloromethane	7.824	83	120515	52.415	ug/l	98
48) Methyl methacrylate	7.696	41	104570	52.459	ug/l	96
49) 1,4-Dioxane	7.671	88	43836	1006.479	ug/l #	78
51) 4-Methyl-2-Pentanone	8.580	43	696126	258.625	ug/l	99
52) Toluene	8.720	92	221148	51.176	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	121036	53.479	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	133328	53.252	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	87654	50.319	ug/l	98
56) Ethyl methacrylate	9.116	69	142246	53.499	ug/l	99
57) 1,3-Dichloropropane	9.305	76	145185	50.201	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	333291	266.257	ug/l	94
59) 2-Hexanone	9.433	43	544127	265.155	ug/l	98
60) Dibromochloromethane	9.518	129	102945	53.273	ug/l	99
61) 1,2-Dibromoethane	9.610	107	94015	51.136	ug/l	100
64) Tetrachloroethene	9.269	164	87949	48.771	ug/l	90
65) Chlorobenzene	10.079	112	254457	49.278	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	90353	50.426	ug/l	98
67) Ethyl Benzene	10.195	91	418245	50.825	ug/l	99
68) m/p-Xylenes	10.299	106	334168	102.076	ug/l	94
69) o-Xylene	10.640	106	164332	50.459	ug/l	94
70) Styrene	10.652	104	278940	51.856	ug/l	96
71) Bromoform	10.799	173	81848	52.452	ug/l #	99
73) Isopropylbenzene	10.963	105	421124	50.441	ug/l	97
74) N-amyl acetate	10.841	43	195167	52.771	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	143696	48.499	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	116811m	48.837	ug/l	
77) Bromobenzene	11.195	156	120897	49.058	ug/l	80
78) n-propylbenzene	11.305	91	467563	51.002	ug/l	96
79) 2-Chlorotoluene	11.366	91	290693	49.333	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	354591	50.869	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	44529	51.680	ug/l	96
82) 4-Chlorotoluene	11.451	91	336469	50.193	ug/l	93
83) tert-Butylbenzene	11.713	119	376712	50.170	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	362930	51.388	ug/l	94
85) sec-Butylbenzene	11.890	105	441966	51.341	ug/l	95
86) p-Isopropyltoluene	12.006	119	391908	51.909	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	217684	49.460	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	221501	48.823	ug/l	95
89) n-Butylbenzene	12.329	91	315501	52.788	ug/l	97
90) Hexachloroethane	12.536	117	64647	50.344	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	223849	49.933	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	31559	52.724	ug/l	63
93) 1,2,4-Trichlorobenzene	13.585	180	151868	51.401	ug/l	96
94) Hexachlorobutadiene	13.725	225	71967	49.165	ug/l	99
95) Naphthalene	13.774	128	463223	53.129	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	156949	51.615	ug/l	95

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Response via : Initial Calibration

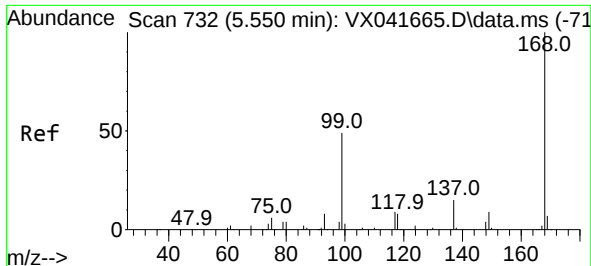
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

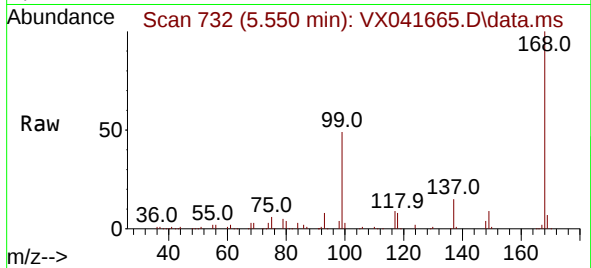
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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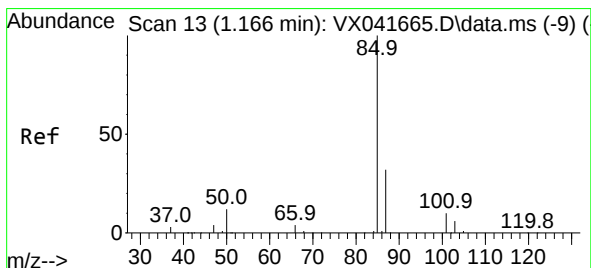
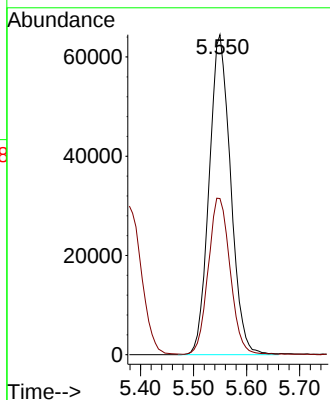
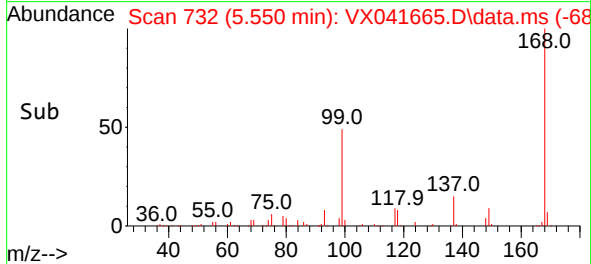
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 18140
Ion Ratio Lower Upper
168 100
99 48.6 56.6 85.0

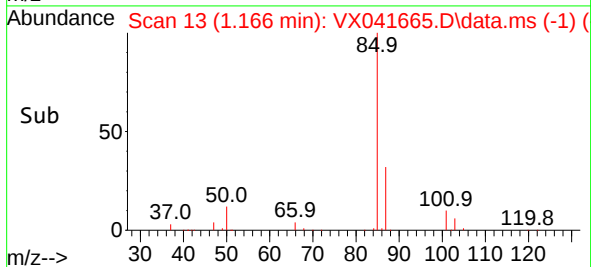
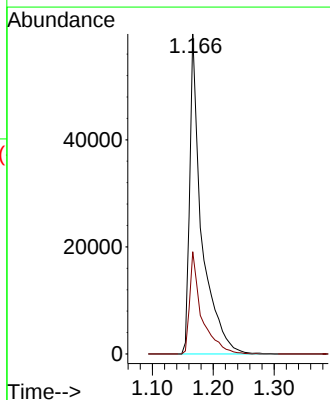
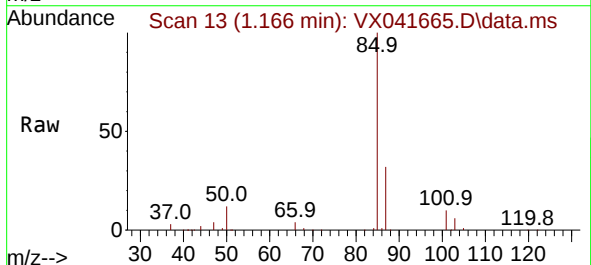
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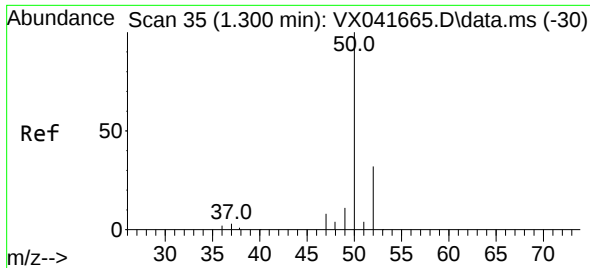
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#2
Dichlorodifluoromethane
Concen: 51.100 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Tgt Ion: 85 Resp: 81453
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.1





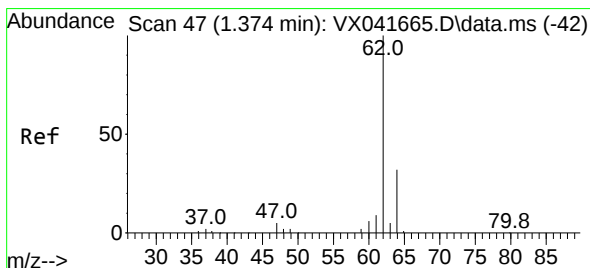
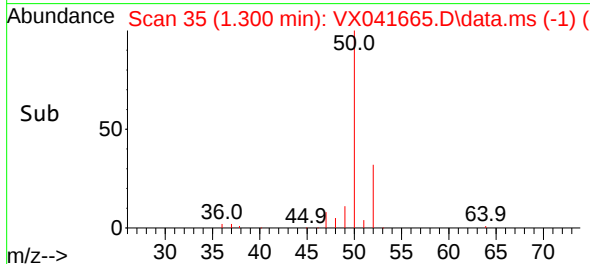
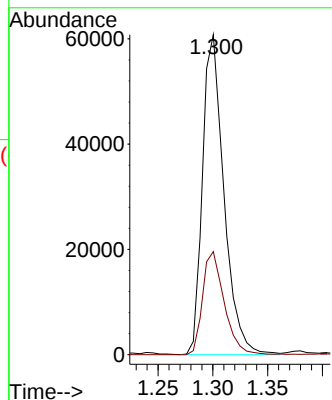
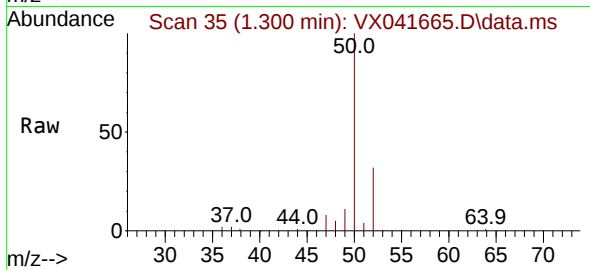
#3
Chloromethane
Concen: 47.524 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 82652
Ion Ratio Lower Upper
50 100
52 32.2 25.5 38.3

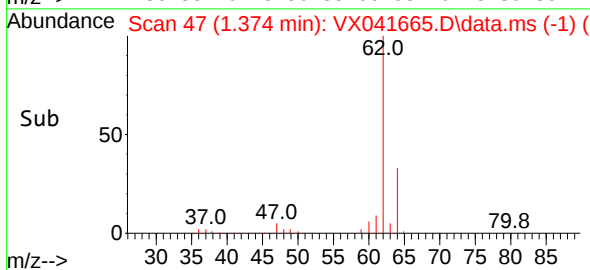
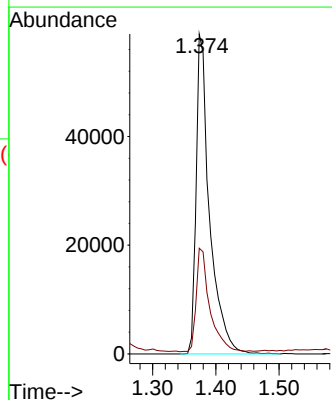
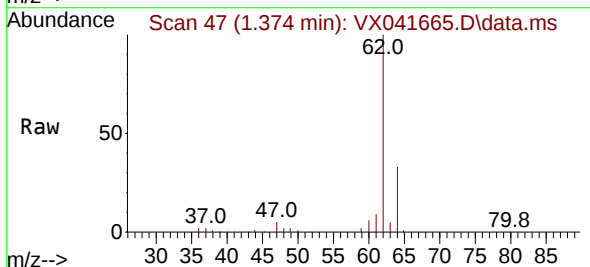
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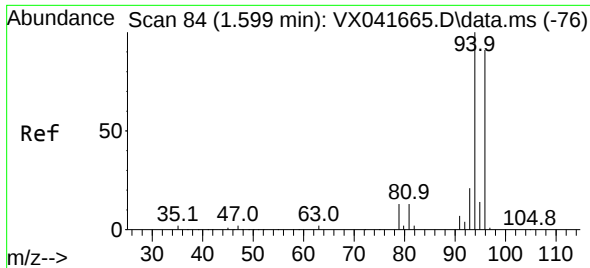
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#4
Vinyl Chloride
Concen: 48.693 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

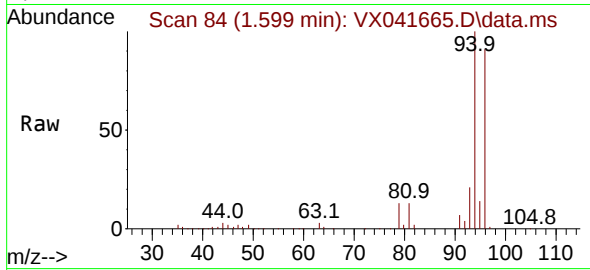
Tgt Ion: 62 Resp: 87179
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0





#5
Bromomethane
Concen: 49.660 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041665.D
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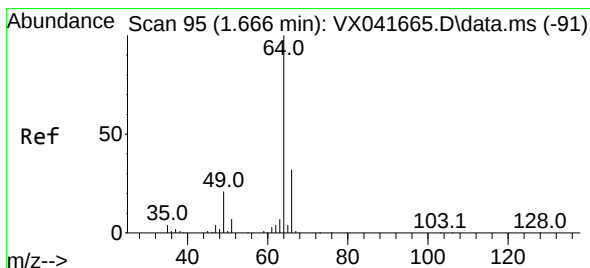
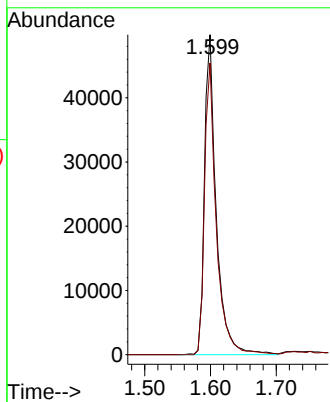
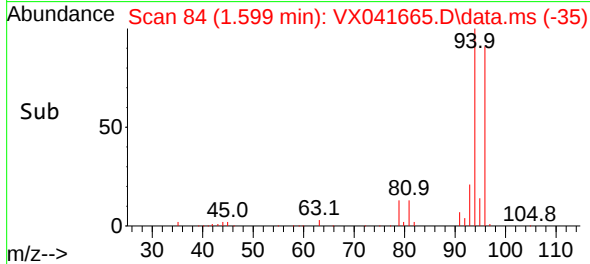
Instrument :
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Tgt Ion: 94 Resp: 61920
Ion Ratio Lower Upper
94 100
96 91.2 74.6 111.8

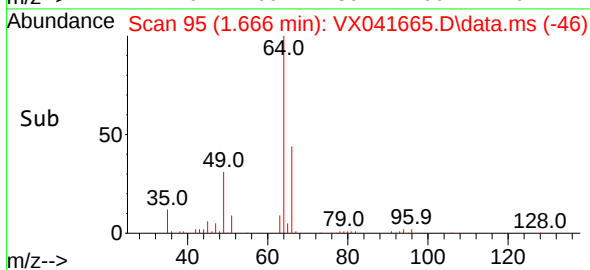
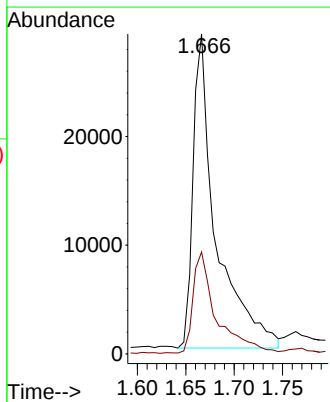
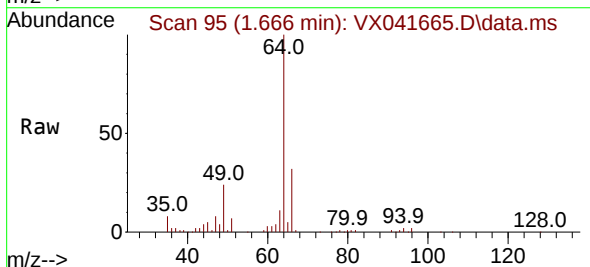
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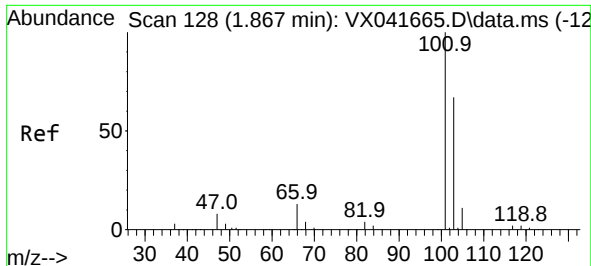
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#6
Chloroethane
Concen: 44.043 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
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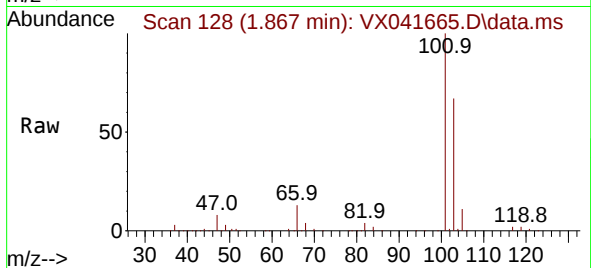
Tgt Ion: 64 Resp: 47660
Ion Ratio Lower Upper
64 100
66 32.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 48.187 ug/l
RT: 1.867 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041665.D
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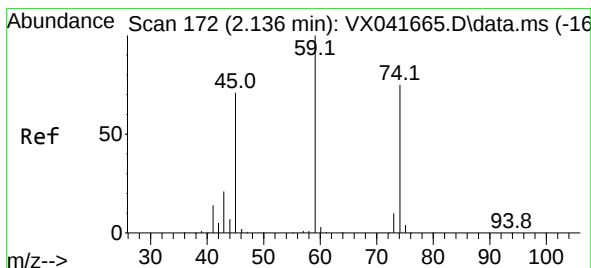
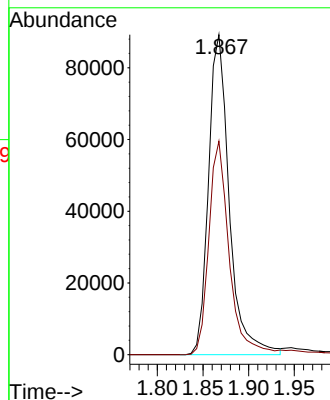
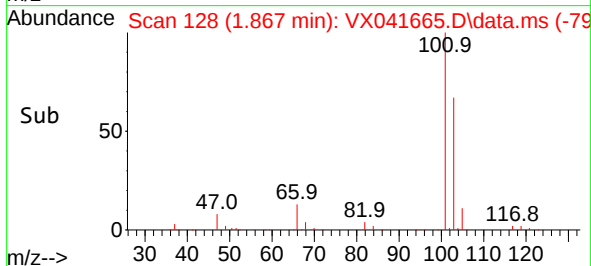
Instrument :
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ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 14088
Ion Ratio Lower Upper
101 100
103 66.7 51.4 77.2

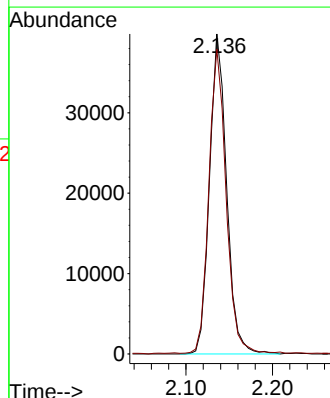
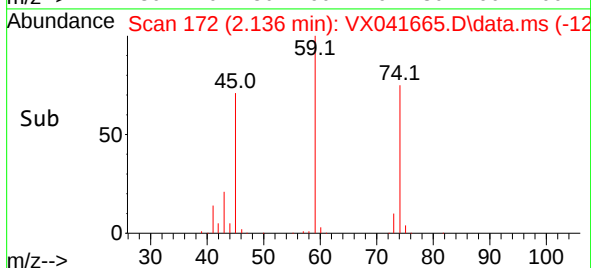
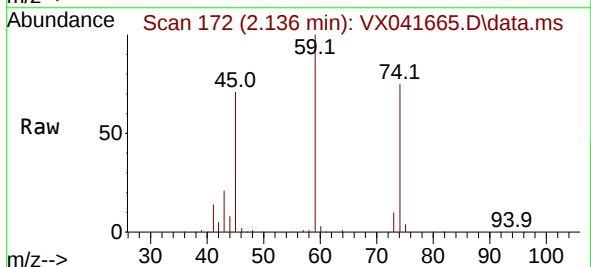
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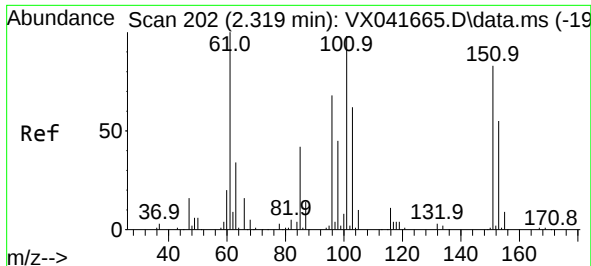
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#8
Diethyl Ether
Concen: 48.431 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Tgt Ion: 74 Resp: 54571
Ion Ratio Lower Upper
74 100
45 96.0 53.3 159.8





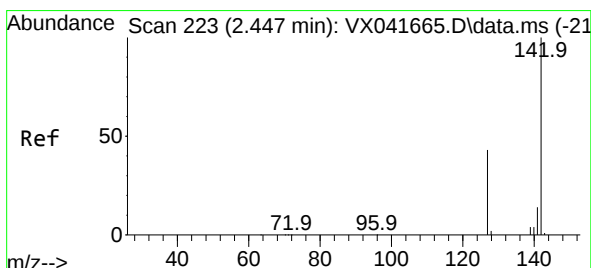
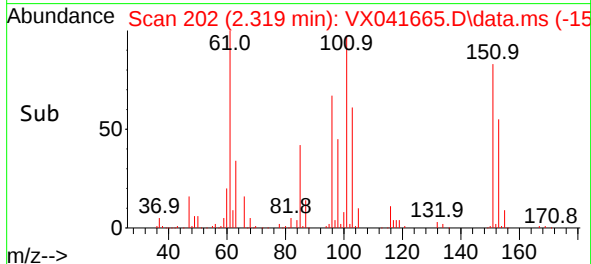
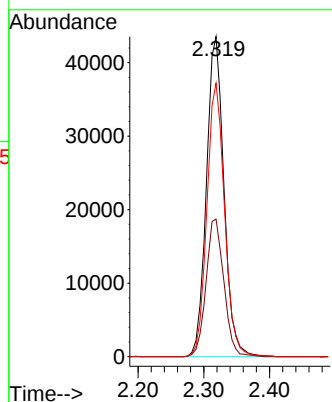
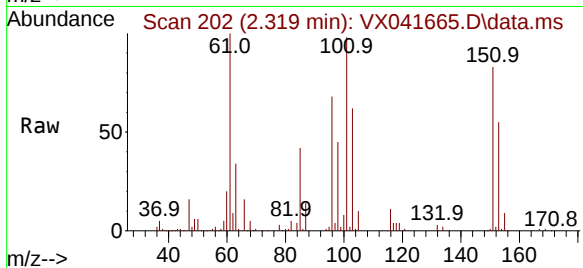
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.786 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 8082
Ion Ratio Lower Upper
101 100
85 43.7 37.0 55.6
151 86.1 58.6 87.8

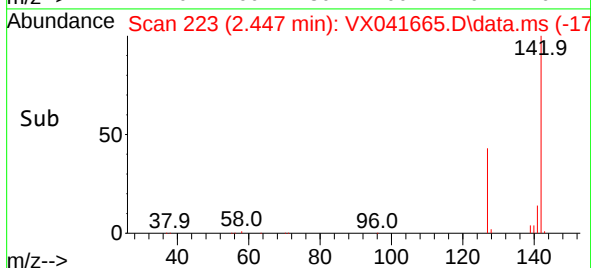
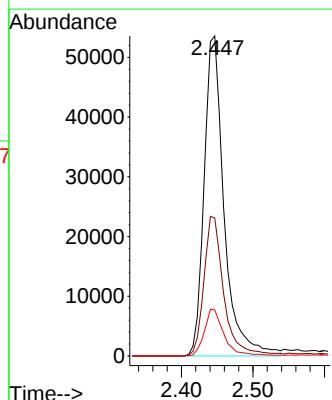
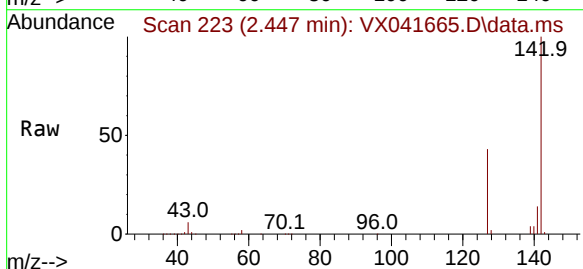
Manual Integrations
APPROVED

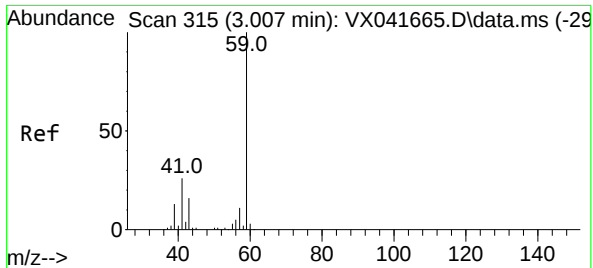
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#10
Methyl Iodide
Concen: 50.383 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

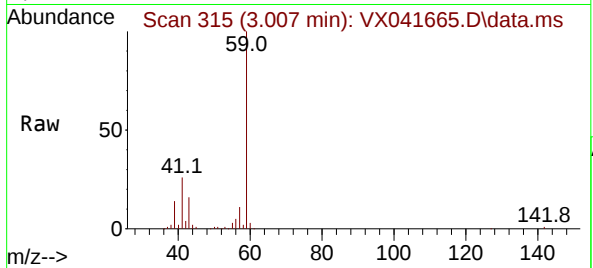
Tgt Ion:142 Resp: 104082
Ion Ratio Lower Upper
142 100
127 43.5 41.6 62.4
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 237.141 ug/l
RT: 3.007 min Scan# 315
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

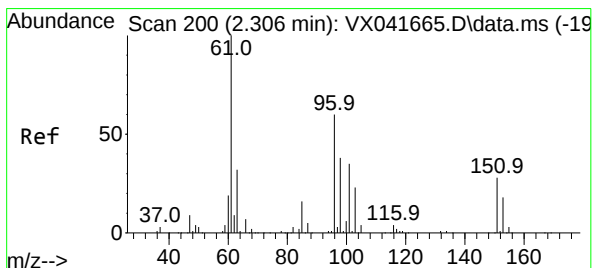
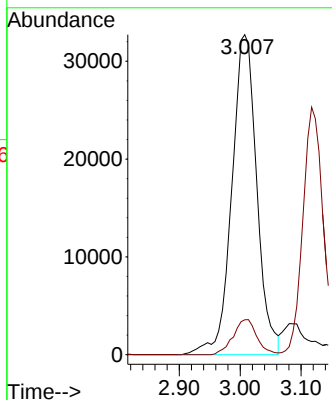
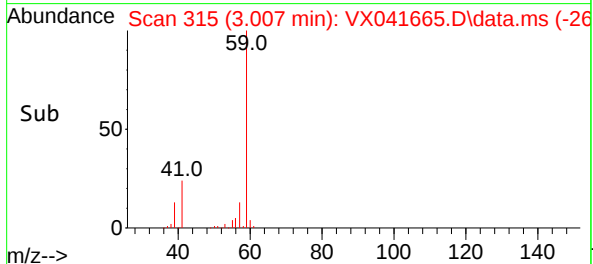
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



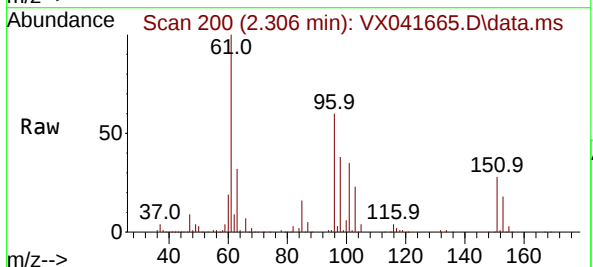
Tgt Ion: 59 Resp: 93335
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0

Manual Integrations
APPROVED

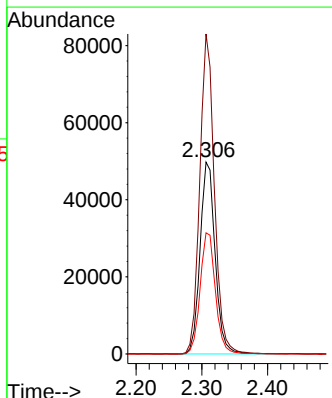
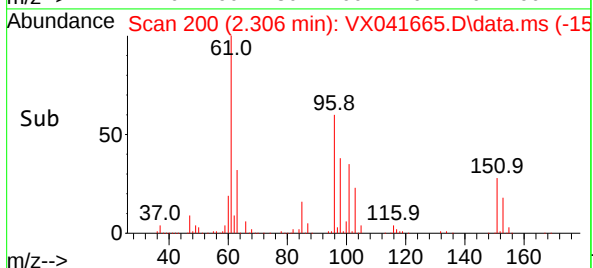
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

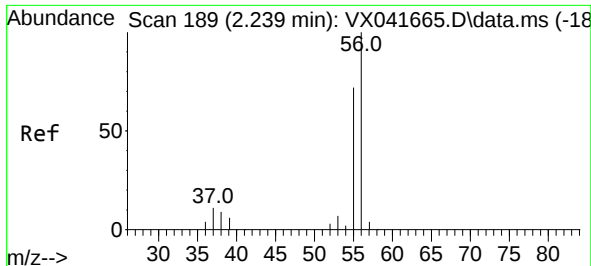


#12
1,1-Dichloroethene
Concen: 49.192 ug/l
RT: 2.306 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42



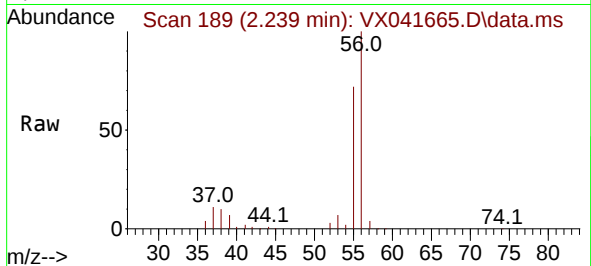
Tgt Ion: 96 Resp: 79547
Ion Ratio Lower Upper
96 100
61 166.8 144.6 216.8
98 63.1 50.4 75.6





#13
Acrolein
Concen: 243.149 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

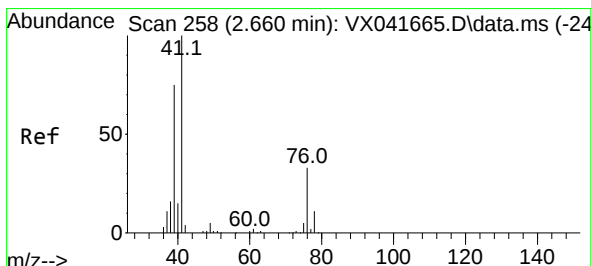
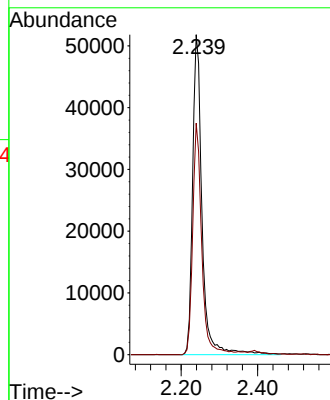
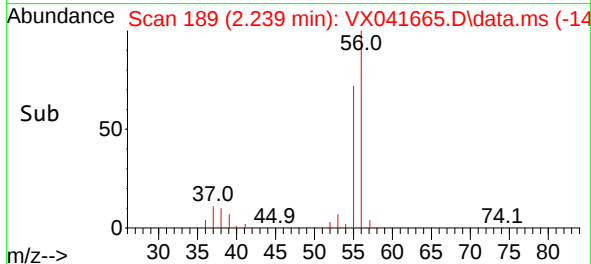
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 89120
Ion Ratio Lower Upper
56 100
55 69.2 57.1 85.7

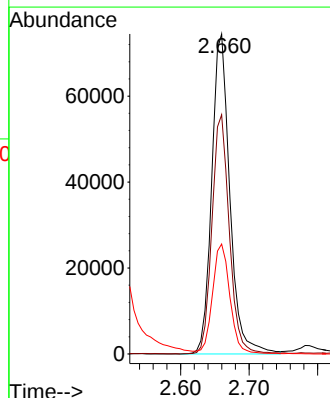
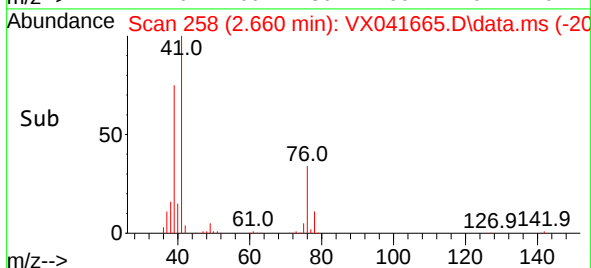
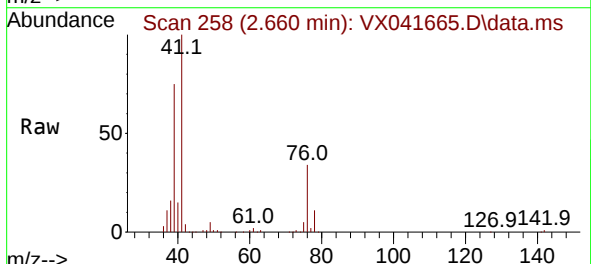
Manual Integrations
APPROVED

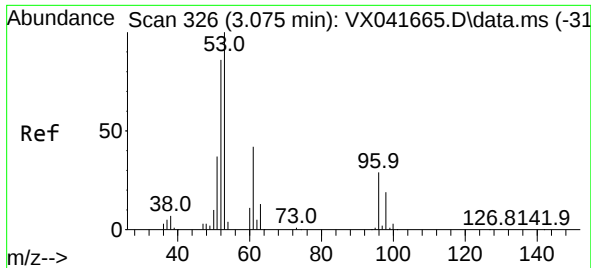
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#14
Allyl chloride
Concen: 51.566 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Tgt Ion: 41 Resp: 137180
Ion Ratio Lower Upper
41 100
39 71.6 55.8 83.6
76 32.9 24.3 36.5





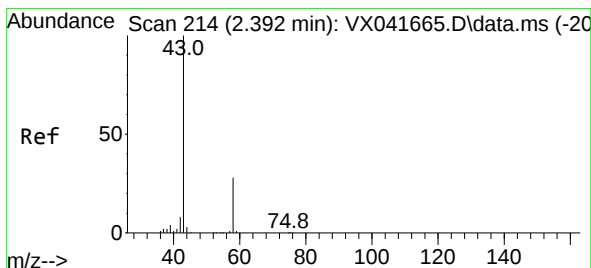
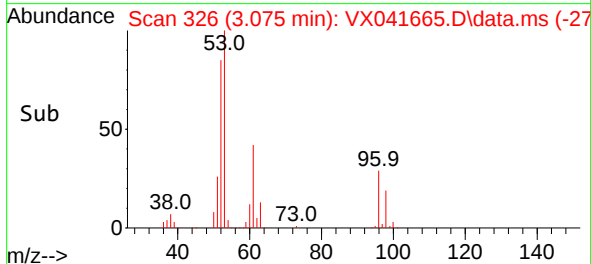
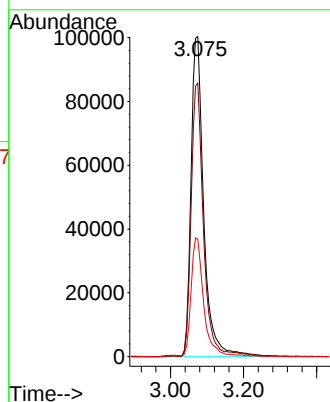
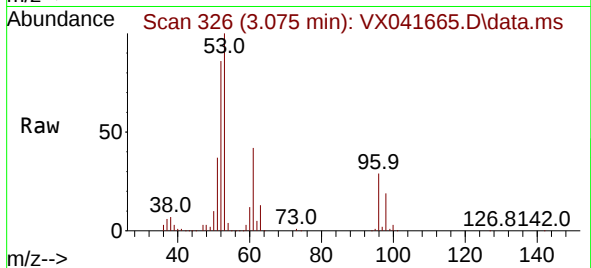
#15
Acrylonitrile
Concen: 249.465 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 240792
Ion Ratio Lower Upper
53 100
52 83.9 66.0 99.0
51 36.9 29.8 44.6

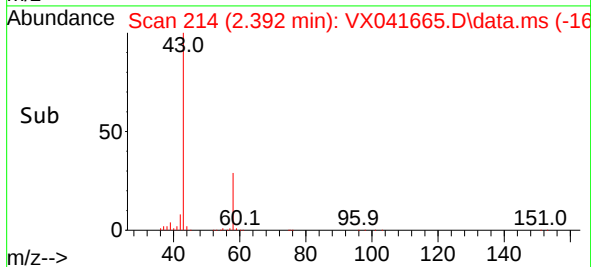
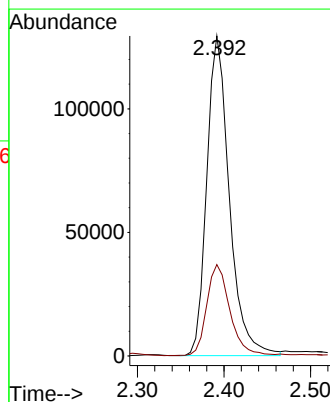
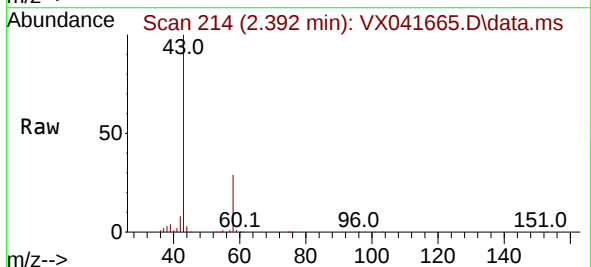
Manual Integrations
APPROVED

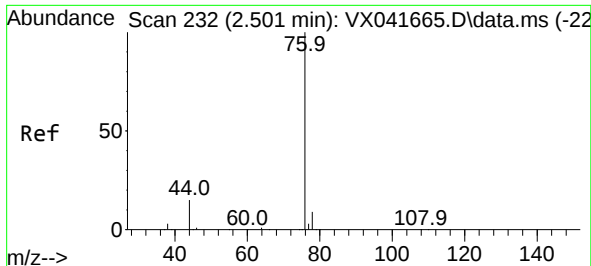
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#16
Acetone
Concen: 243.908 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

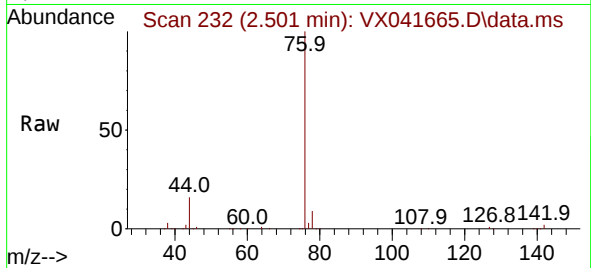
Tgt Ion: 43 Resp: 234503
Ion Ratio Lower Upper
43 100
58 28.4 21.9 32.9





#17
Carbon Disulfide
Concen: 50.579 ug/l
RT: 2.501 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

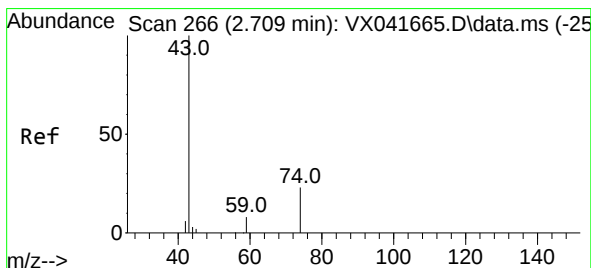
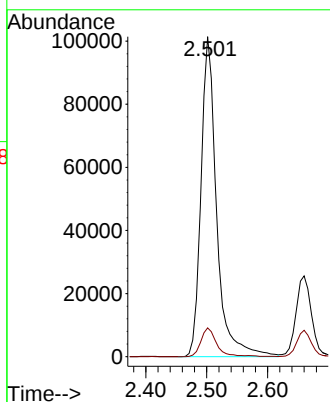
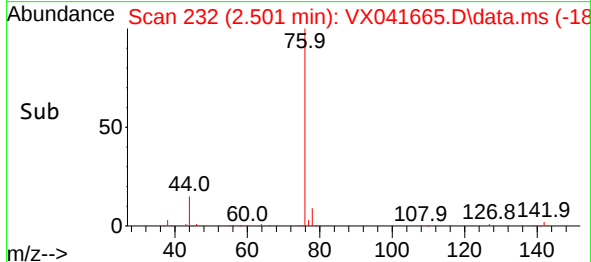
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



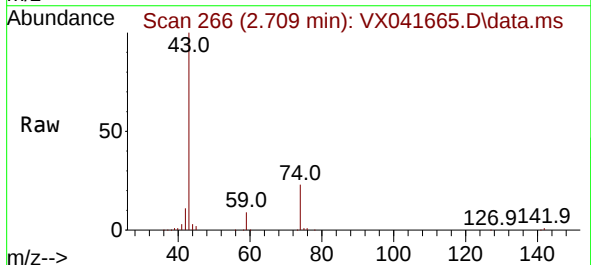
Tgt Ion: 76 Resp: 18093
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

Manual Integrations
APPROVED

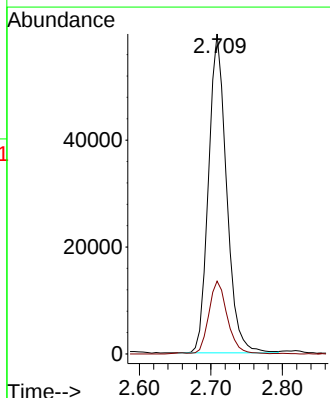
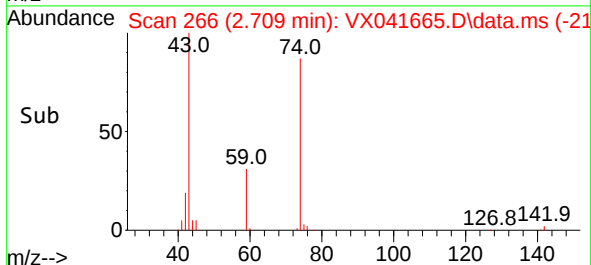
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

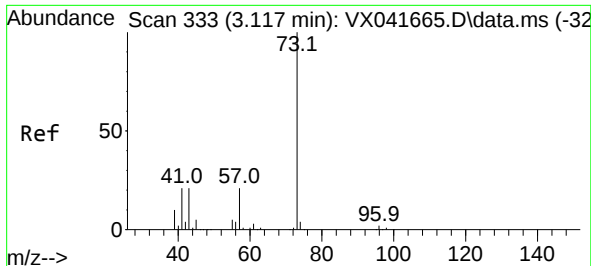


#18
Methyl Acetate
Concen: 49.252 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42



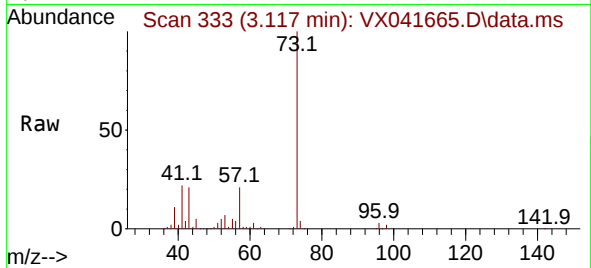
Tgt Ion: 43 Resp: 104632
Ion Ratio Lower Upper
43 100
74 23.0 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 50.186 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

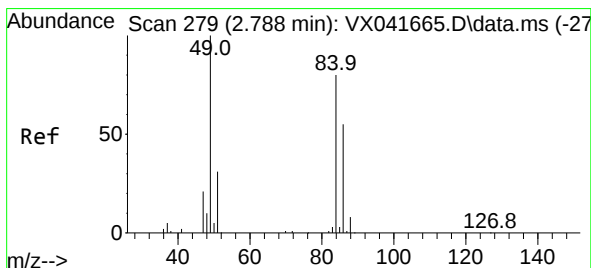
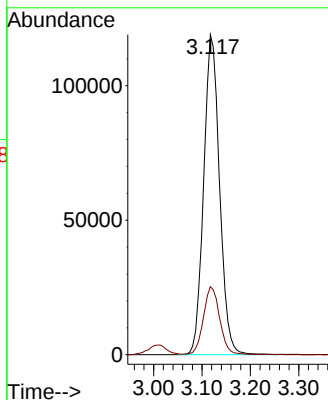
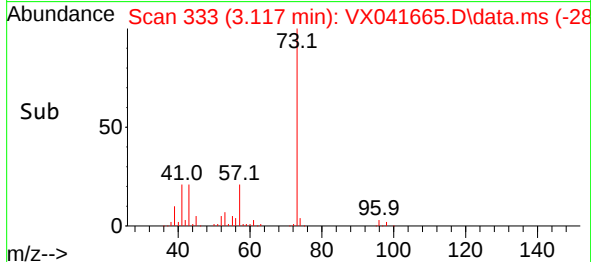
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 27152
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

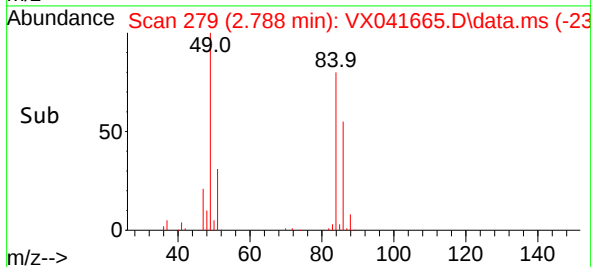
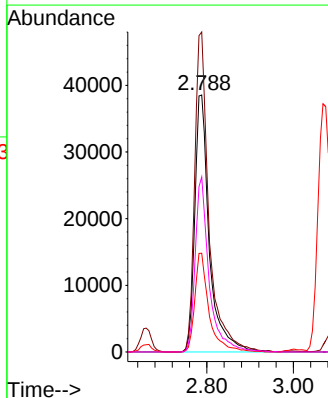
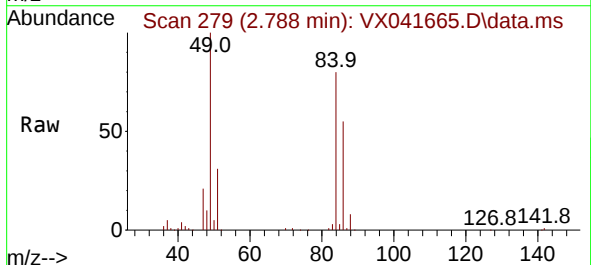
Manual Integrations
APPROVED

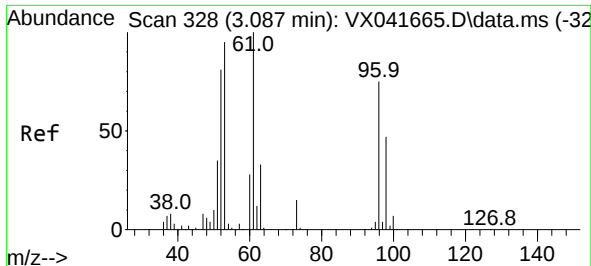
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#20
Methylene Chloride
Concen: 45.140 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

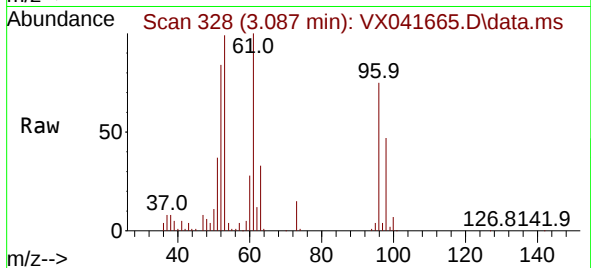
Tgt Ion: 84 Resp: 89877
Ion Ratio Lower Upper
84 100
49 124.5 103.6 155.4
51 38.4 33.8 50.6
86 68.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.407 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

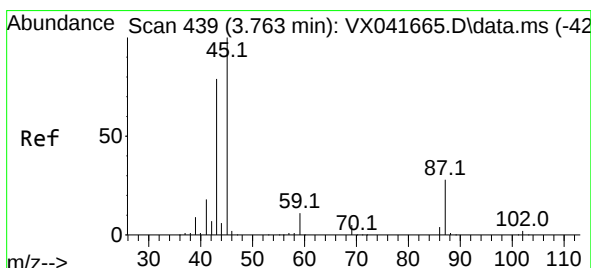
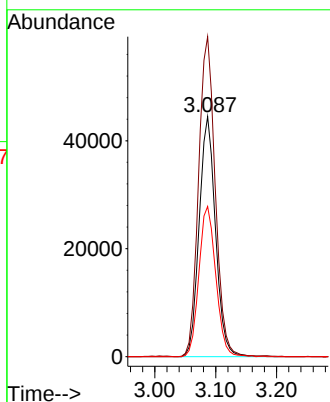
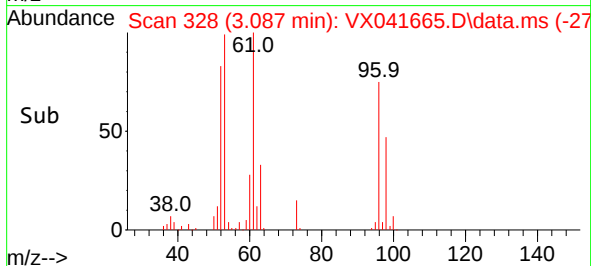
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



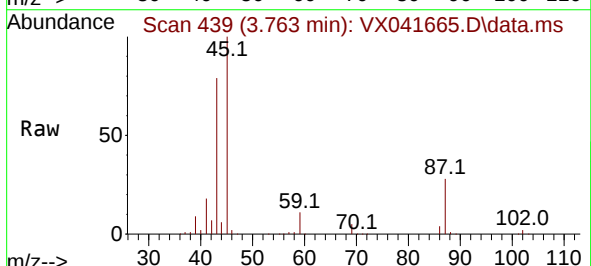
Tgt Ion: 96 Resp: 8289
Ion Ratio Lower Upper
96 100
61 133.2 119.2 178.8
98 62.6 48.7 73.1

Manual Integrations
APPROVED

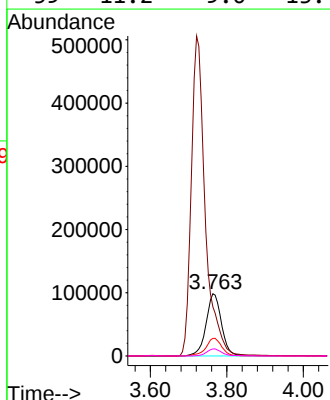
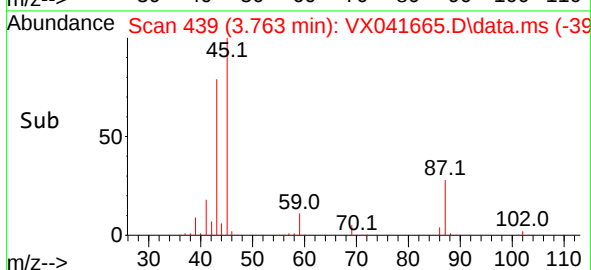
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

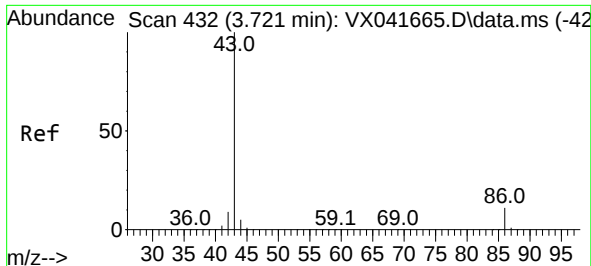


#22
Diisopropyl ether
Concen: 50.791 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42



Tgt Ion: 45 Resp: 276138
Ion Ratio Lower Upper
45 100
43 78.6 69.7 104.5
87 28.2 20.8 31.2
59 11.2 9.0 13.4





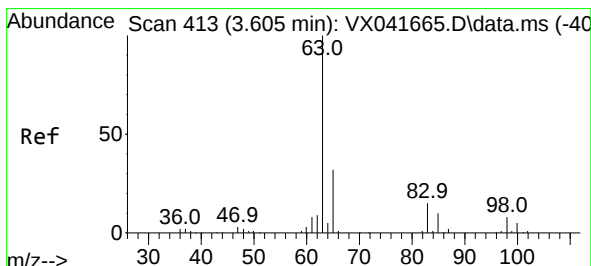
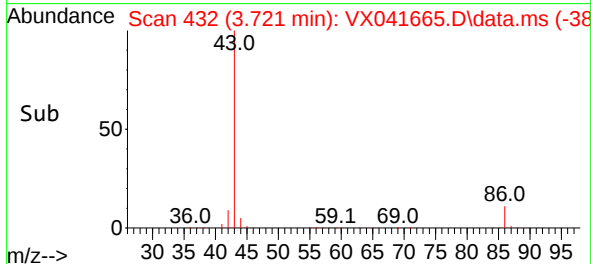
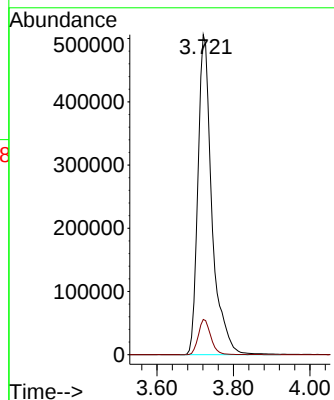
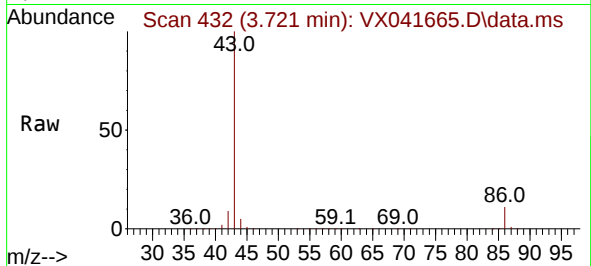
#23
Vinyl Acetate
Concen: 262.804 ug/l
RT: 3.721 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1283610
Ion Ratio Lower Upper
43 100
86 11.0 7.8 11.8

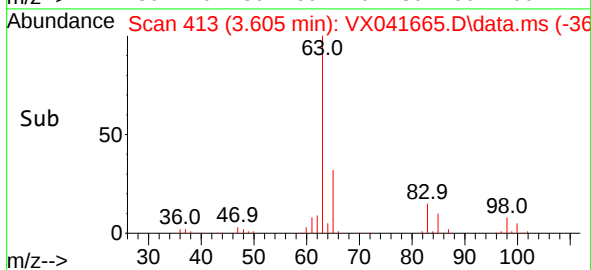
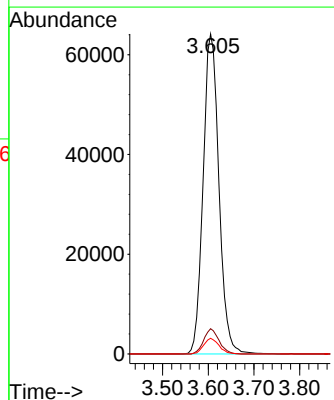
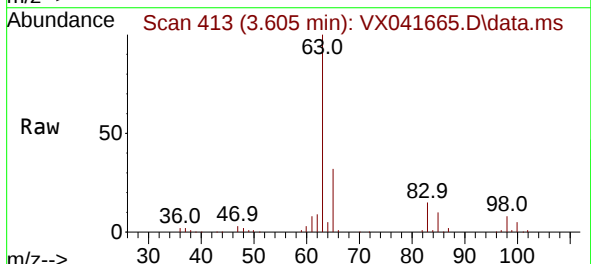
Manual Integrations
APPROVED

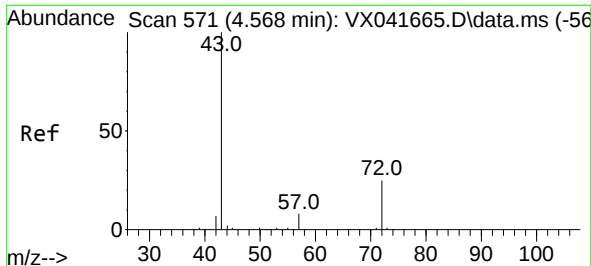
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#24
1,1-Dichloroethane
Concen: 50.016 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Tgt Ion: 63 Resp: 153762
Ion Ratio Lower Upper
63 100
98 7.9 3.3 9.8
100 4.9 2.1 6.5





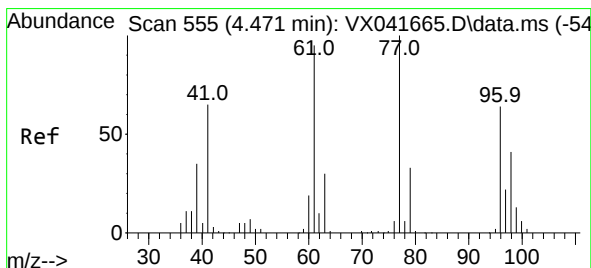
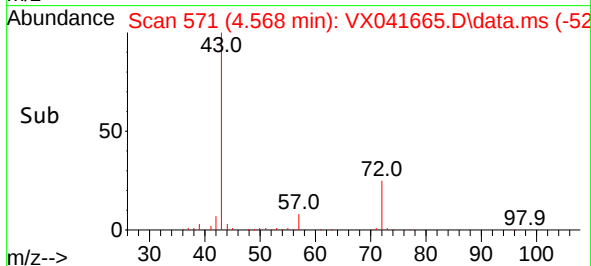
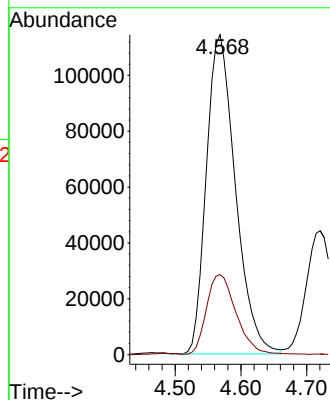
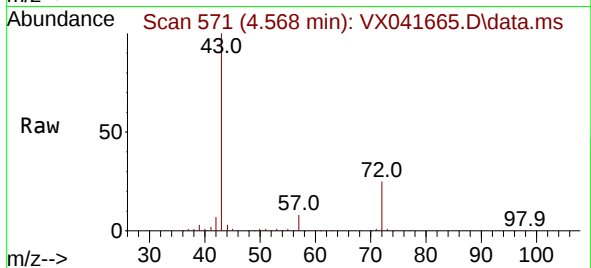
#25
2-Butanone
Concen: 254.236 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 351550
Ion Ratio Lower Upper
43 100
72 25.0 19.4 29.2

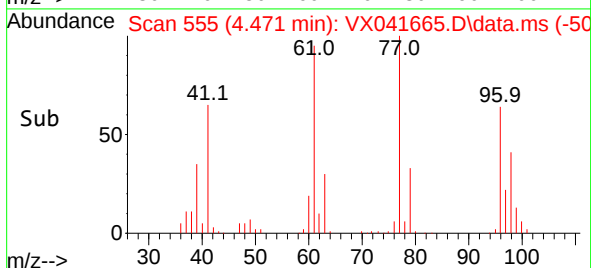
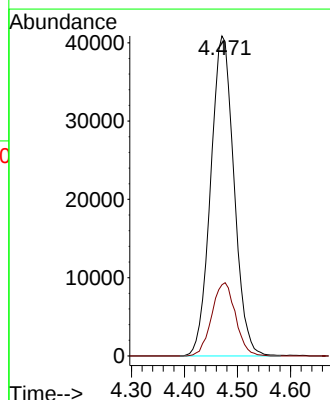
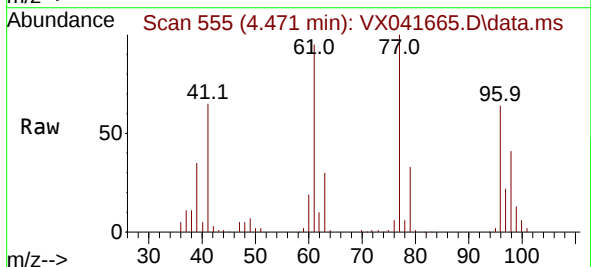
Manual Integrations
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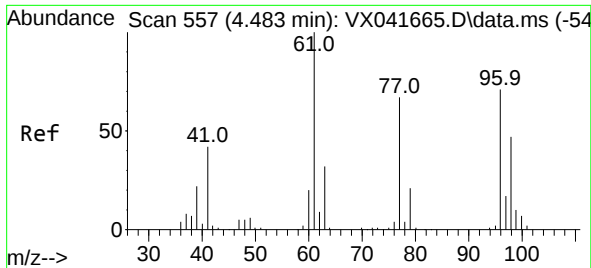
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#26
2,2-Dichloropropane
Concen: 49.637 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Tgt Ion: 77 Resp: 125198
Ion Ratio Lower Upper
77 100
97 23.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.815 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX041665.D

Acq: 29 May 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 99908

Ion Ratio Lower Upper

96 100

61 143.7 0.0 312.2

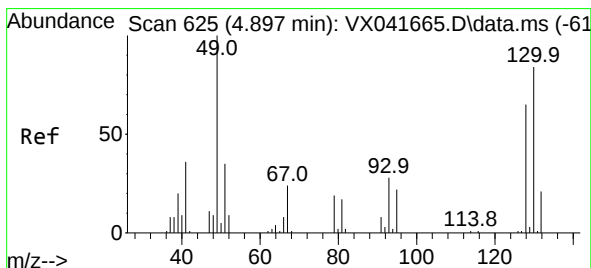
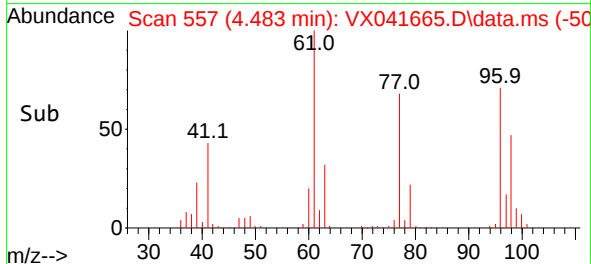
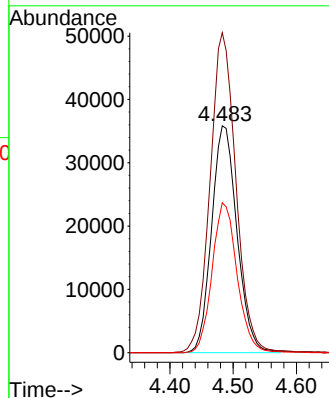
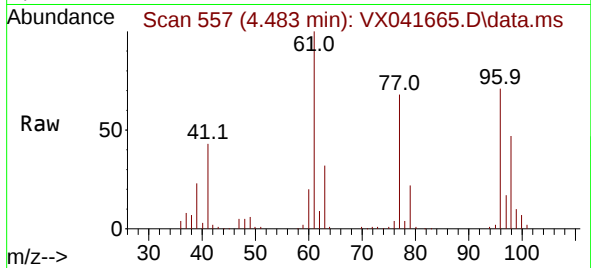
98 65.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#28

Bromochloromethane

Concen: 48.426 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX041665.D

Acq: 29 May 2024 10:42

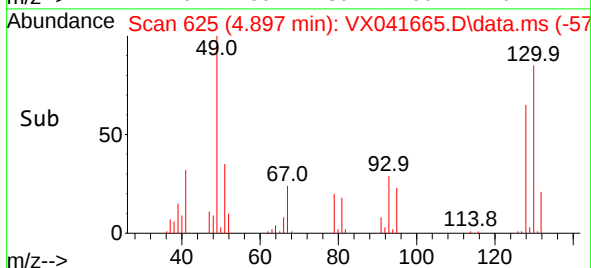
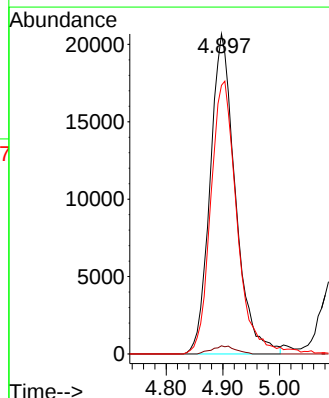
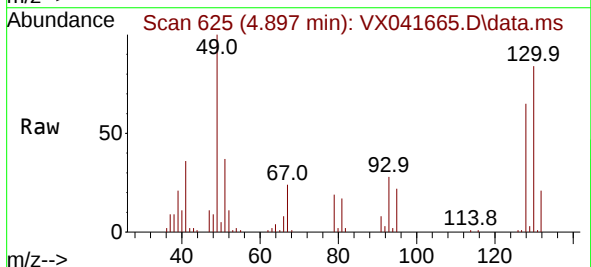
Tgt Ion: 49 Resp: 64120

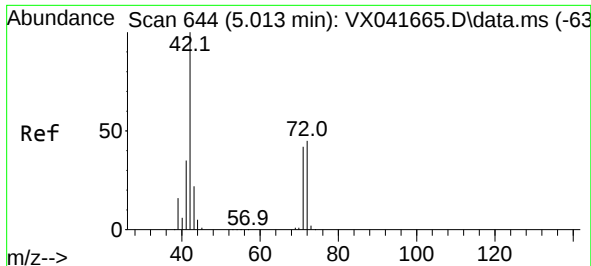
Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.8

130 88.6 57.5 86.3#





#29

Tetrahydrofuran

Concen: 251.737 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX041665.D

Acq: 29 May 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 21953

Ion Ratio Lower Upper

42 100

72 45.7 34.2 51.4

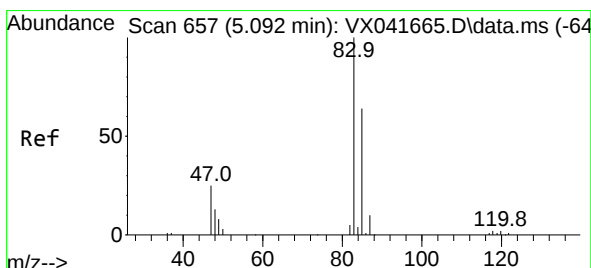
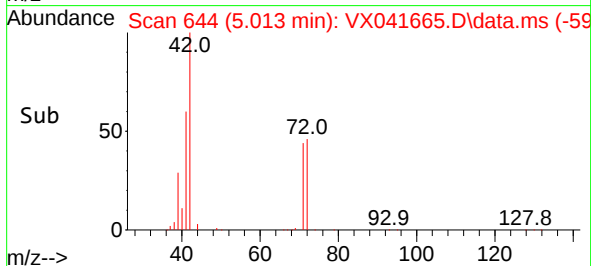
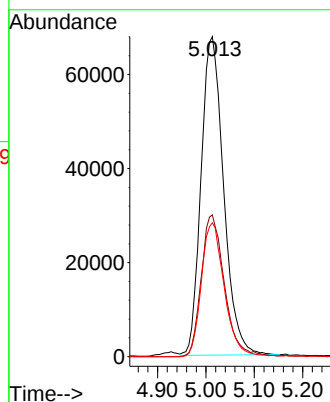
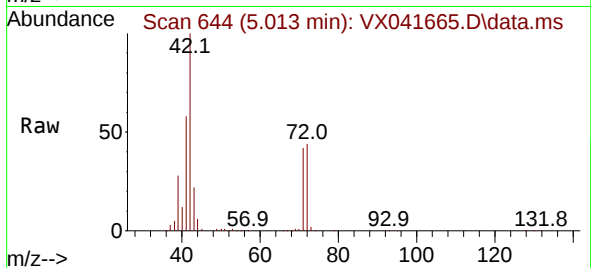
71 42.6 32.2 48.2

Manual Integrations

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Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#30

Chloroform

Concen: 50.015 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX041665.D

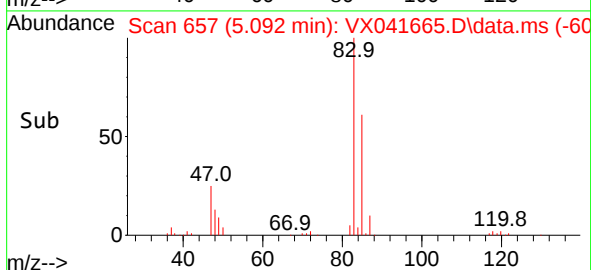
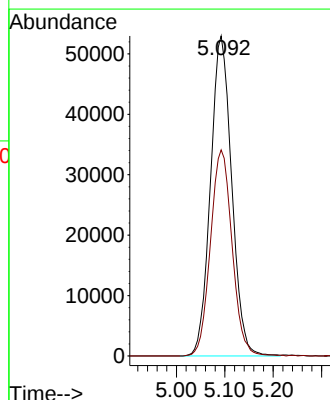
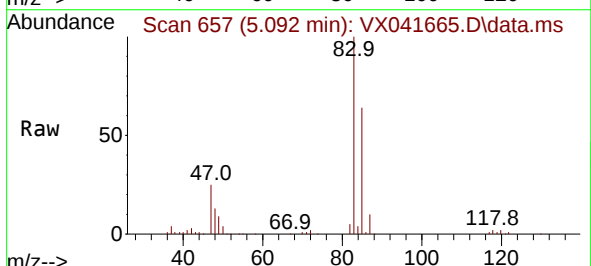
Acq: 29 May 2024 10:42

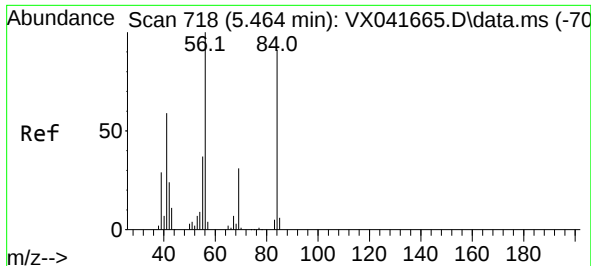
Tgt Ion: 83 Resp: 161434

Ion Ratio Lower Upper

83 100

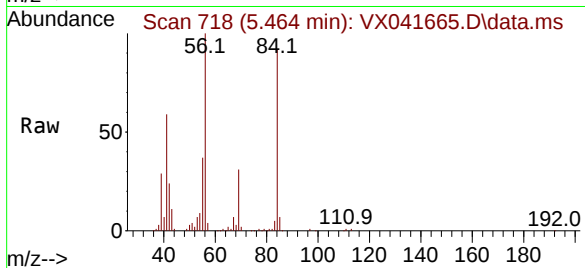
85 64.4 50.3 75.5





#31
Cyclohexane
Concen: 49.186 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

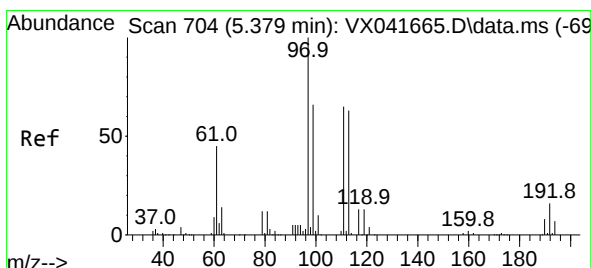
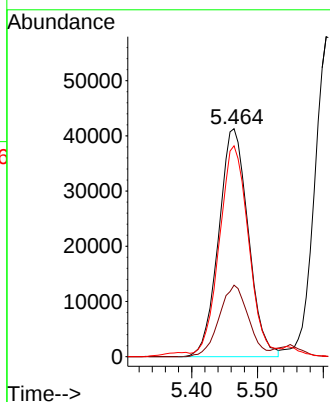
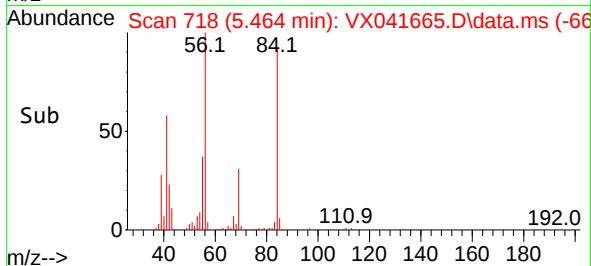
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



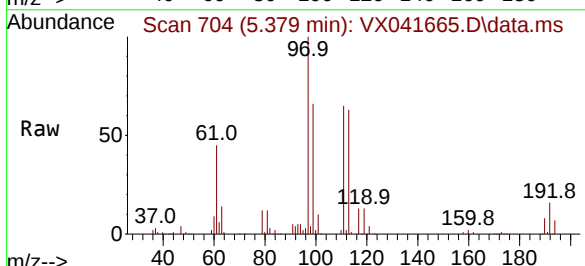
Tgt Ion: 56 Resp: 129200
Ion Ratio Lower Upper
56 100
69 31.4 23.4 35.2
84 90.7 65.9 98.9

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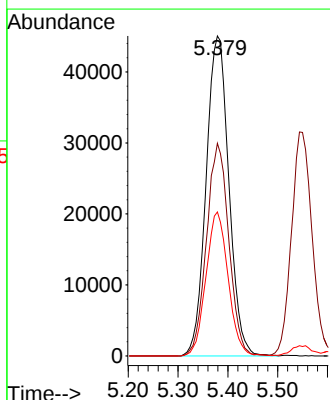
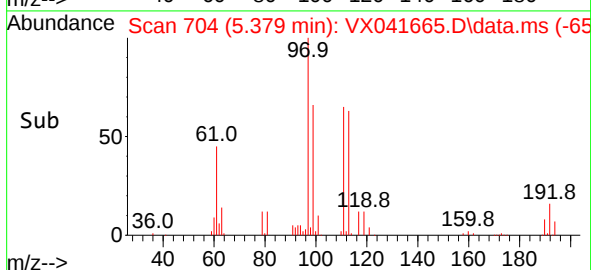
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

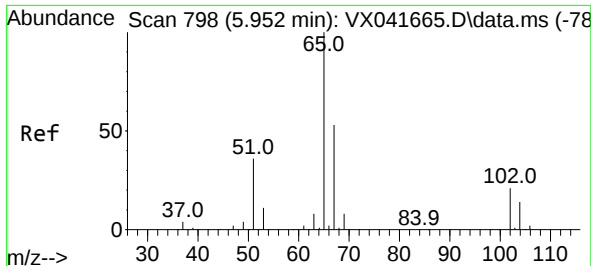


#32
1,1,1-Trichloroethane
Concen: 50.514 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42



Tgt Ion: 97 Resp: 142879
Ion Ratio Lower Upper
97 100
99 65.2 51.1 76.7
61 43.9 36.4 54.6





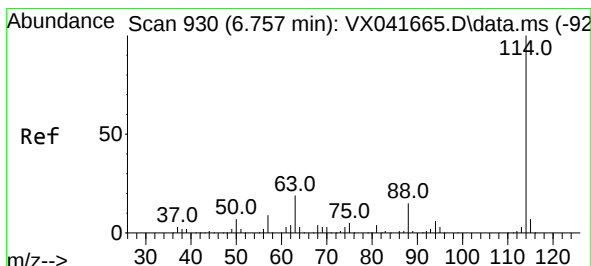
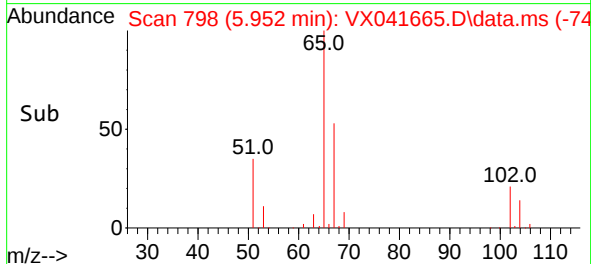
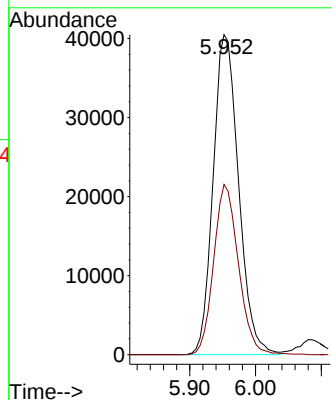
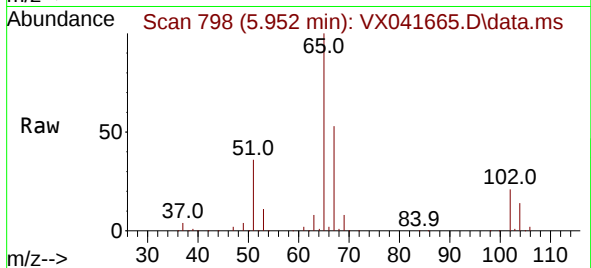
#33
1,2-Dichloroethane-d4
Concen: 49.009 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 10904
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

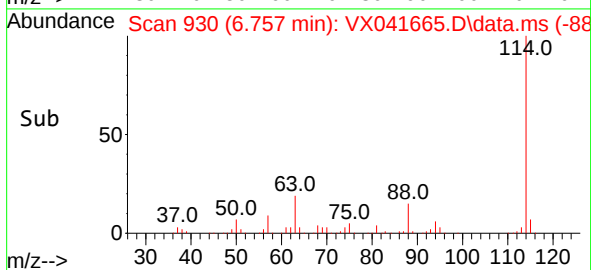
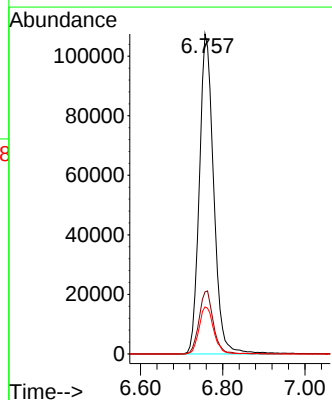
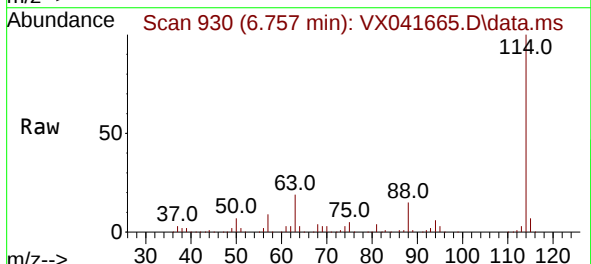
Manual Integrations
APPROVED

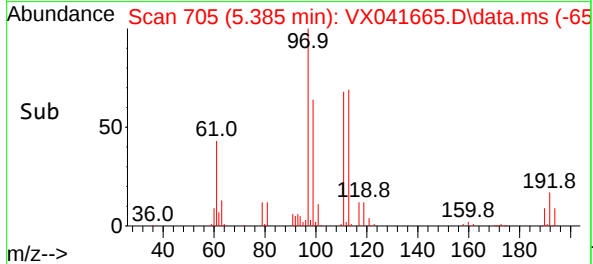
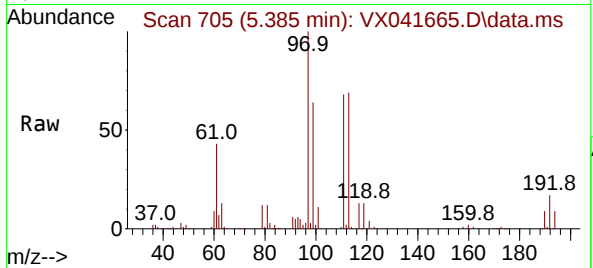
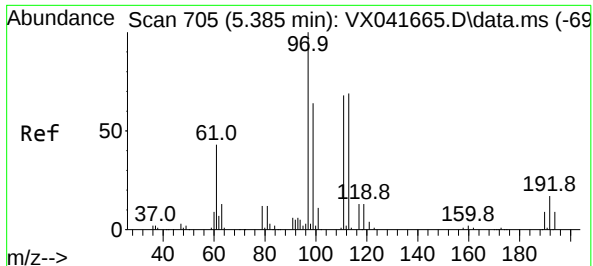
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Tgt Ion:114 Resp: 260218
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 14.7 0.0 36.6





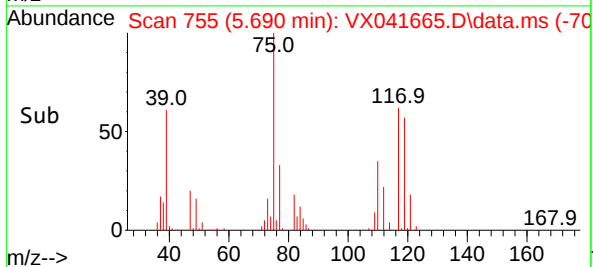
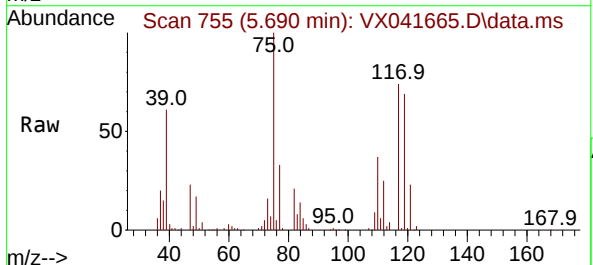
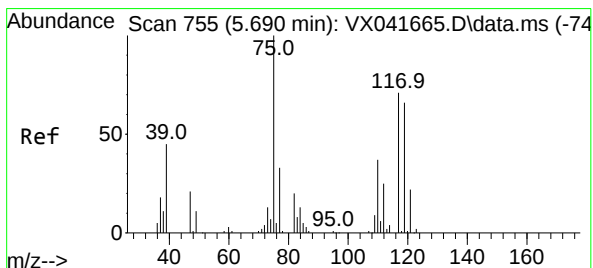
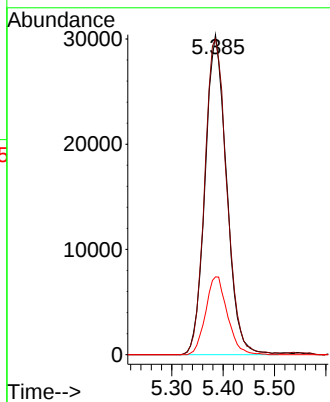
#35
Dibromofluoromethane
Concen: 49.034 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Tgt Ion: 113 Resp: 88219
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 24.7 13.3 19.9

Instrument :
MSVOA_X
Client Sample Id :
VSTDICCC050

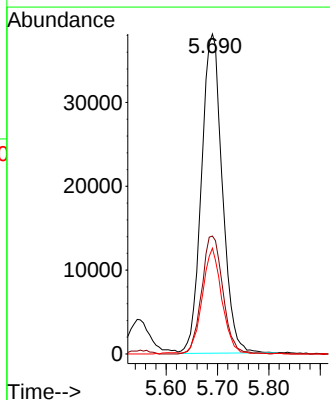
Manual Integrations
APPROVED

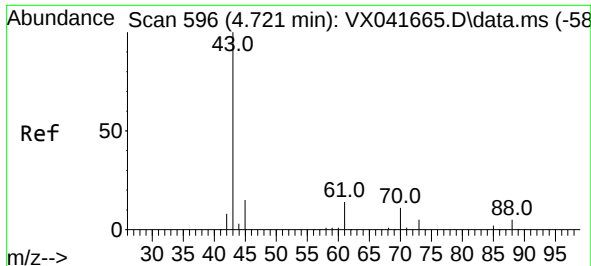
Reviewed By : John Carlone 05/30/2024
Supervised By : Semsettin Yesilyurt 05/30/2024



#36
1,1-Dichloropropene
Concen: 49.235 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

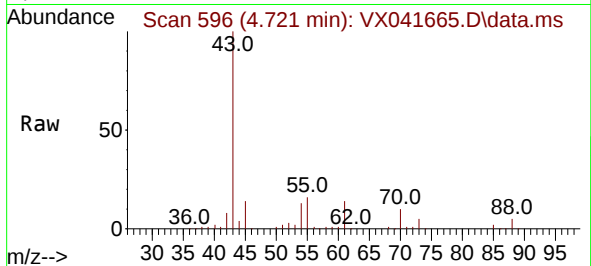
Tgt Ion: 75 Resp: 107257
Ion Ratio Lower Upper
75 100
110 37.7 17.0 50.9
77 30.7 24.7 37.1





#37
Ethyl Acetate
Concen: 50.130 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

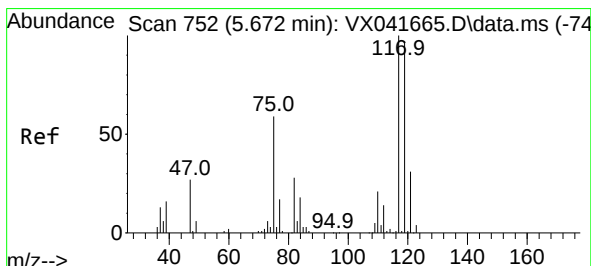
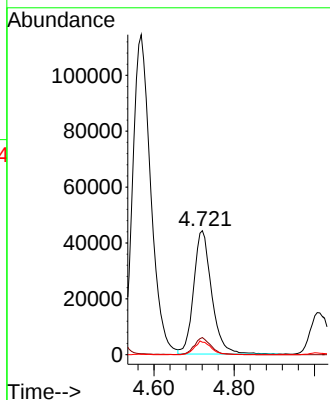
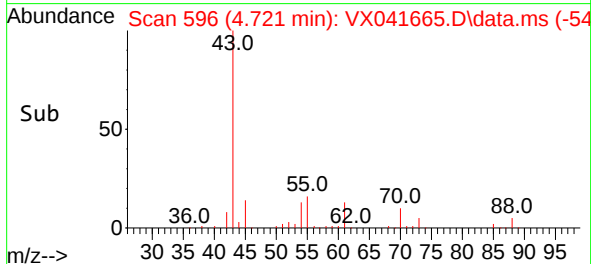
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 13782
Ion Ratio Lower Upper
43 100
61 12.5 10.6 16.0
70 10.1 8.3 12.5

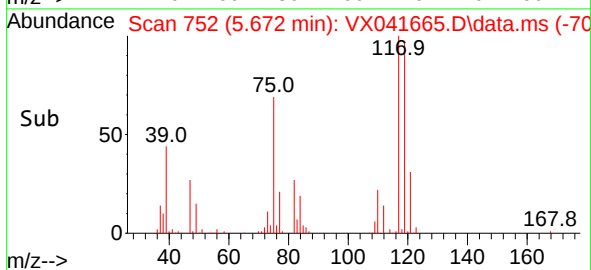
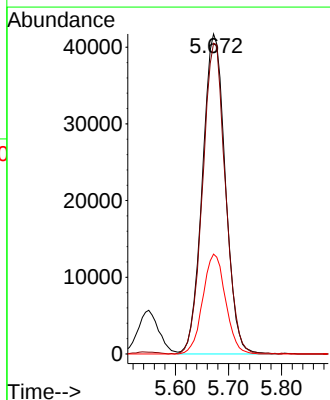
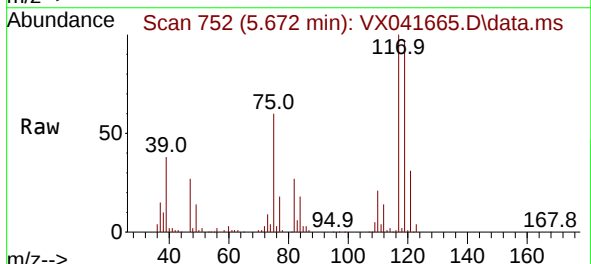
Manual Integrations
APPROVED

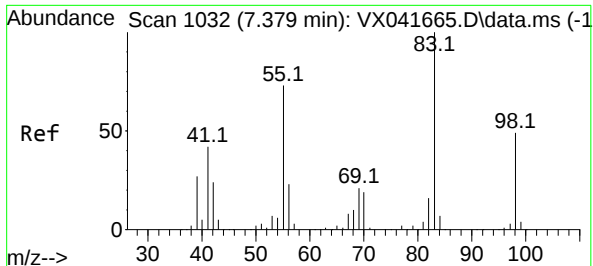
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#38
Carbon Tetrachloride
Concen: 50.626 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

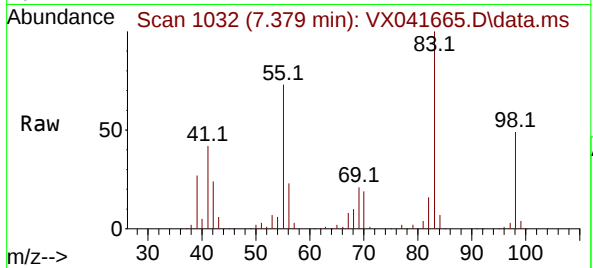
Tgt Ion:117 Resp: 125300
Ion Ratio Lower Upper
117 100
119 97.1 78.2 117.2
121 31.2 24.4 36.6





#39
Methylcyclohexane
Concen: 51.160 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

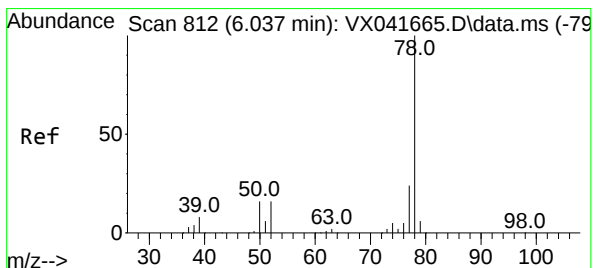
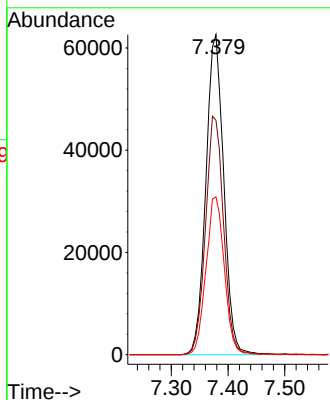
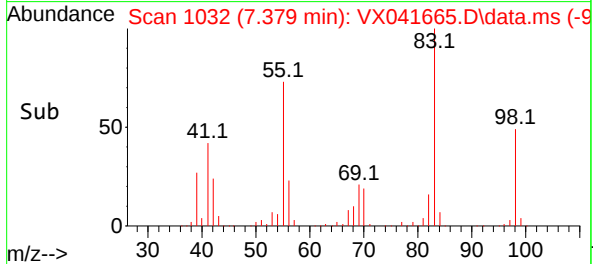
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 136925
Ion Ratio Lower Upper
83 100
55 73.3 64.6 97.0
98 49.3 36.7 55.1

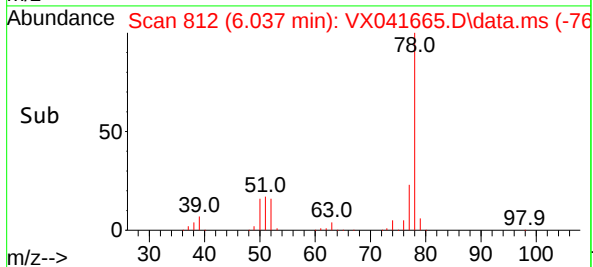
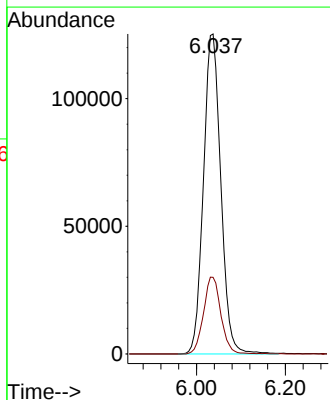
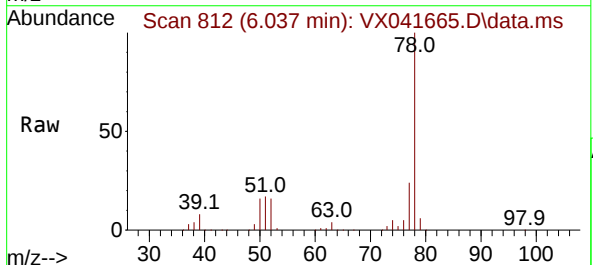
Manual Integrations
APPROVED

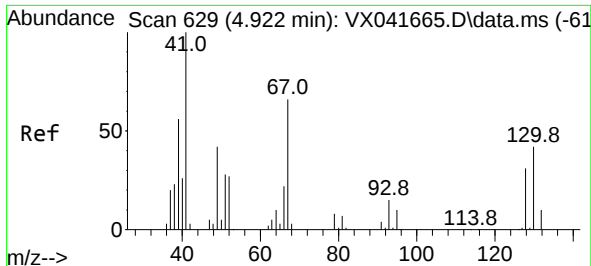
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#40
Benzene
Concen: 50.115 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

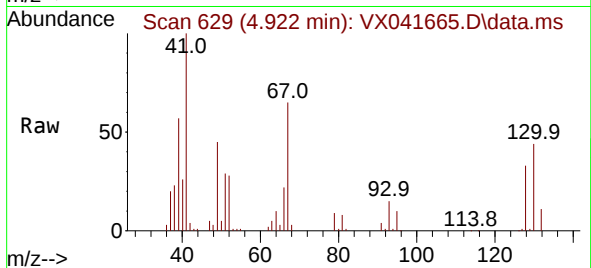
Tgt Ion: 78 Resp: 341243
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





#41
Methacrylonitrile
Concen: 52.738 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

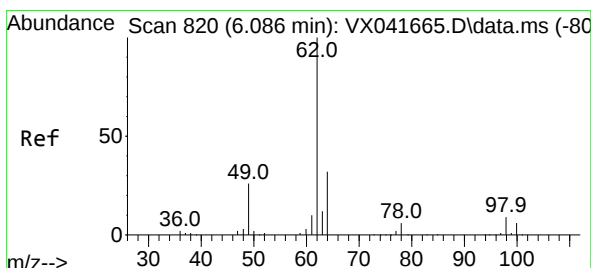
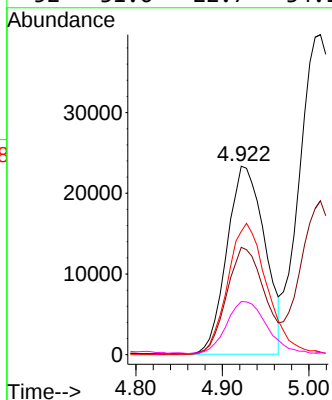
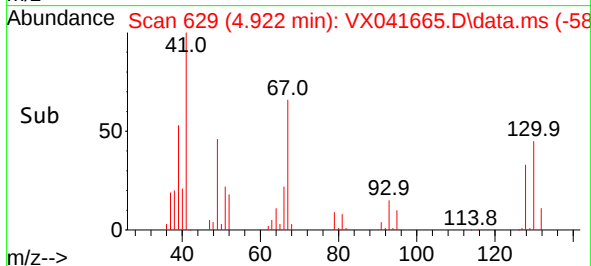
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 70909
Ion Ratio Lower Upper
41 100
39 56.1 45.2 67.8
67 73.3 52.6 78.8
52 31.6 22.7 34.1

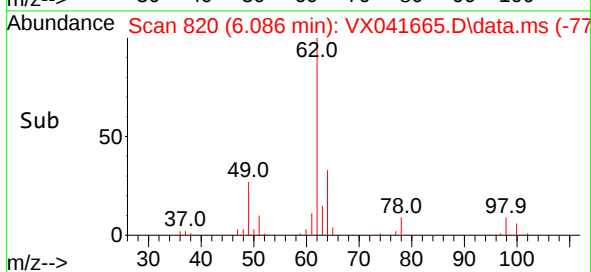
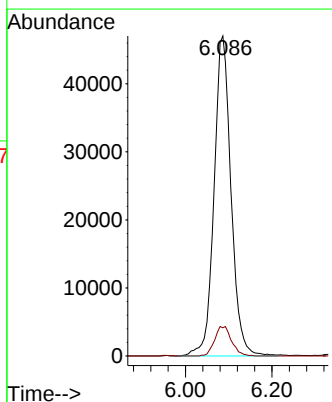
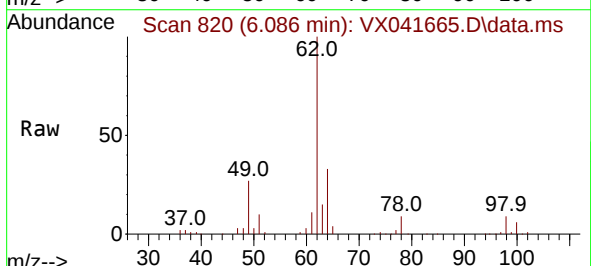
Manual Integrations
APPROVED

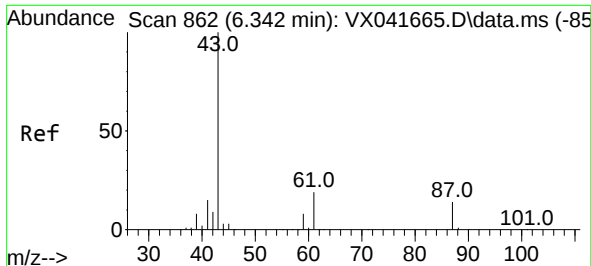
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#42
1,2-Dichloroethane
Concen: 50.357 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

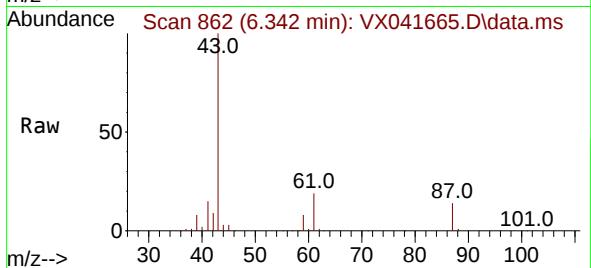
Tgt Ion: 62 Resp: 128007
Ion Ratio Lower Upper
62 100
98 9.2 0.0 16.0





#43
Isopropyl Acetate
Concen: 50.212 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

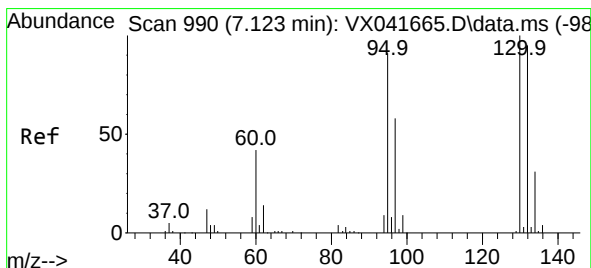
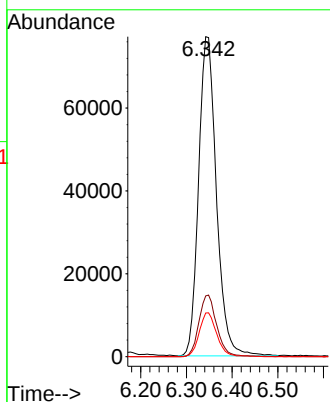
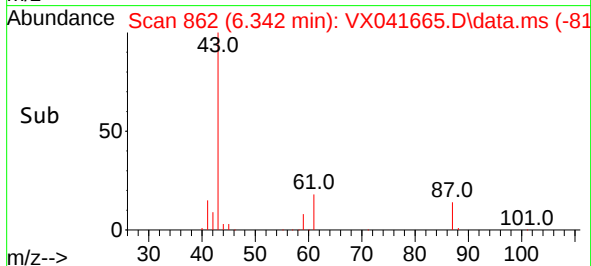
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 20842
Ion Ratio Lower Upper
43 100
61 19.3 15.2 22.8
87 13.6 9.8 14.6

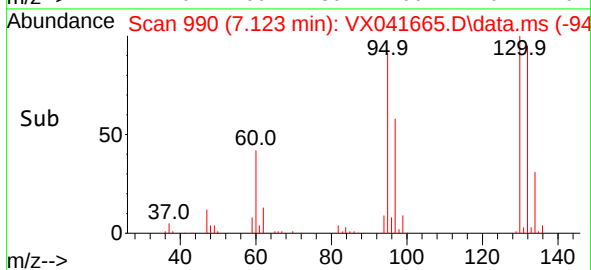
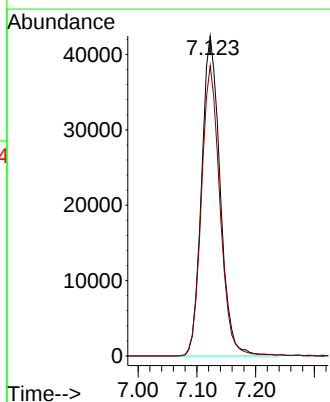
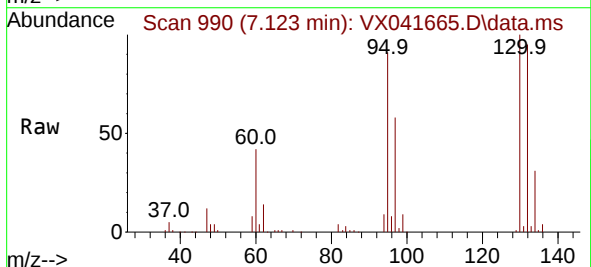
Manual Integrations
APPROVED

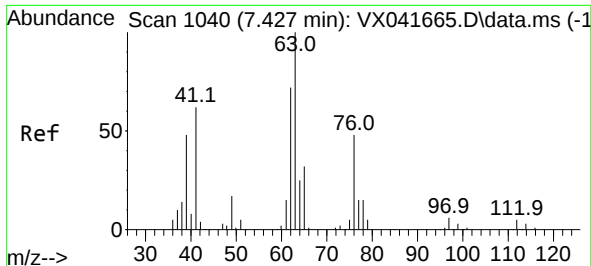
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#44
Trichloroethene
Concen: 50.257 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Tgt Ion:130 Resp: 93071
Ion Ratio Lower Upper
130 100
95 90.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.006 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX041665.D

Acq: 29 May 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 82579

Ion Ratio Lower Upper

63 100

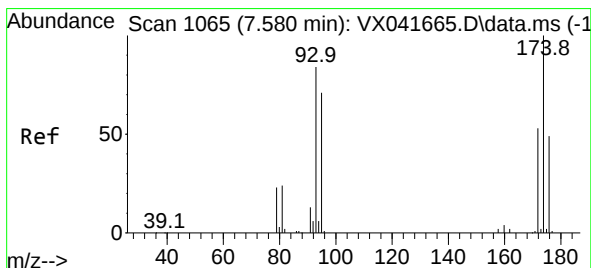
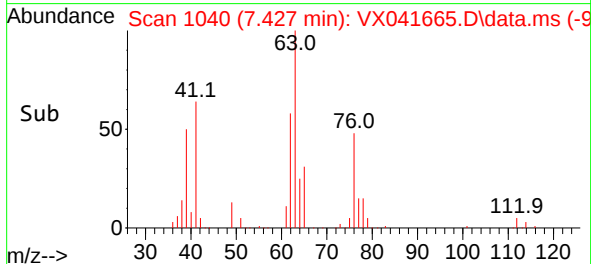
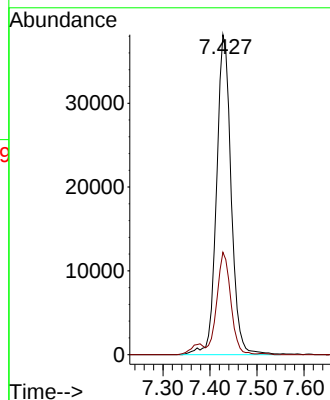
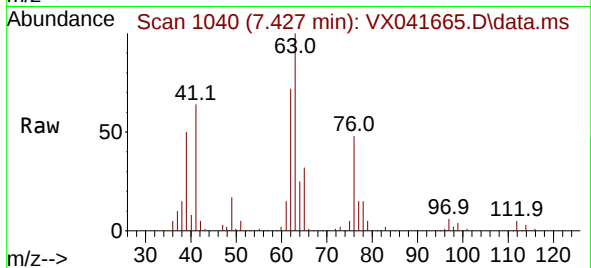
65 32.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#46

Dibromomethane

Concen: 50.979 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041665.D

Acq: 29 May 2024 10:42

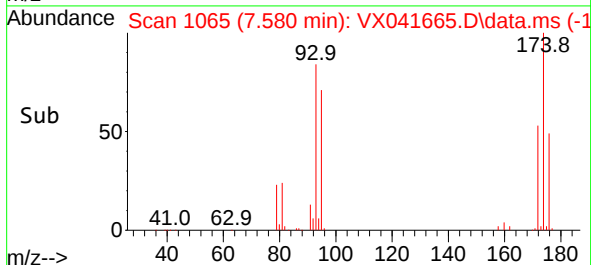
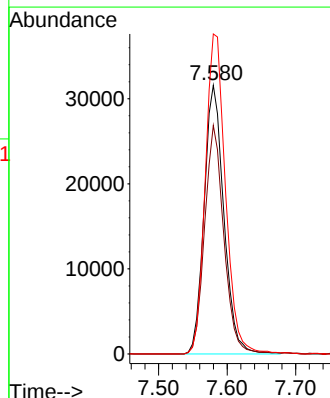
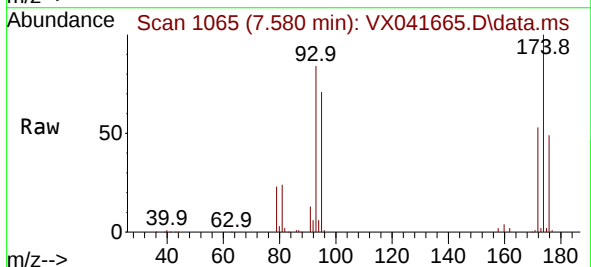
Tgt Ion: 93 Resp: 63304

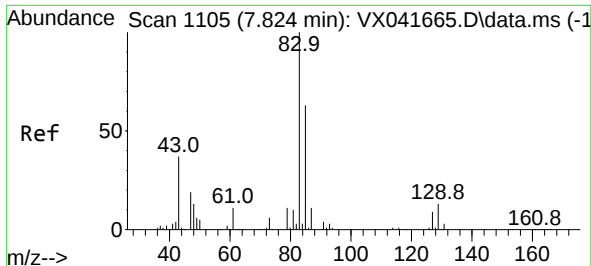
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

174 121.9 69.4 104.0#





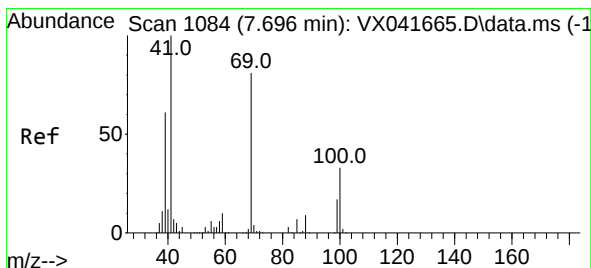
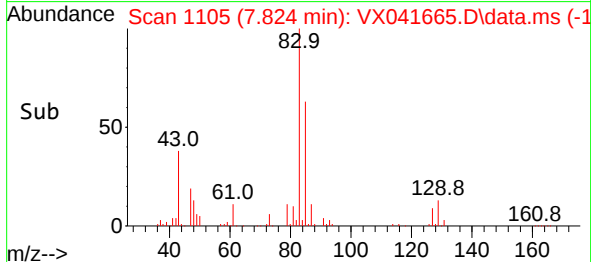
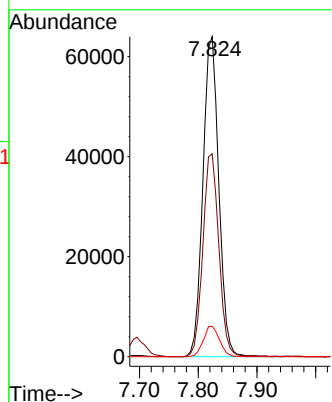
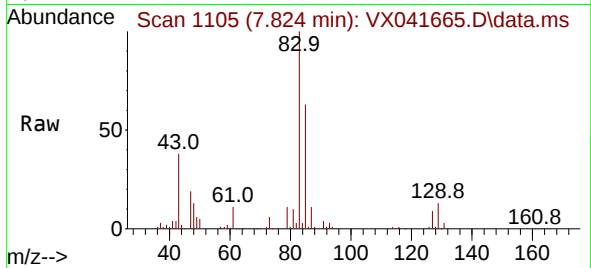
#47
Bromodichloromethane
Concen: 52.415 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 120515
Ion Ratio Lower Upper
83 100
85 63.4 49.8 74.6
127 9.5 7.1 10.7

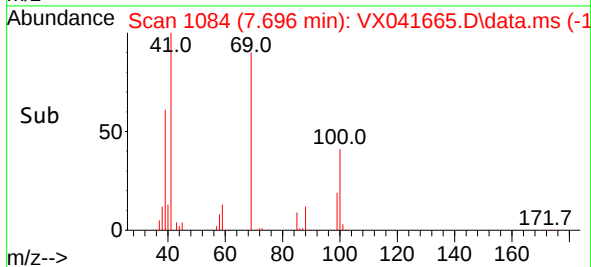
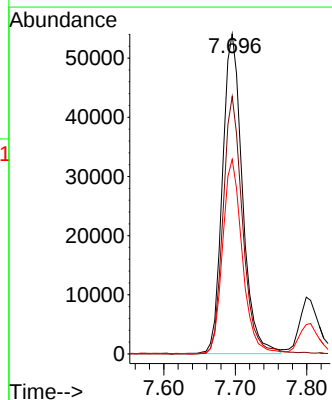
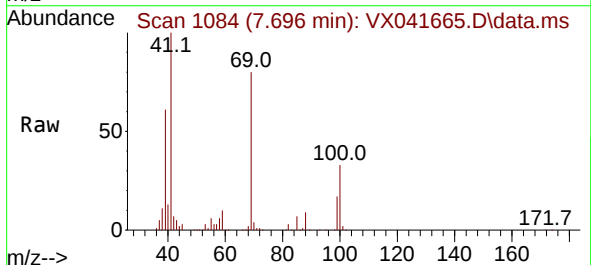
Manual Integrations
APPROVED

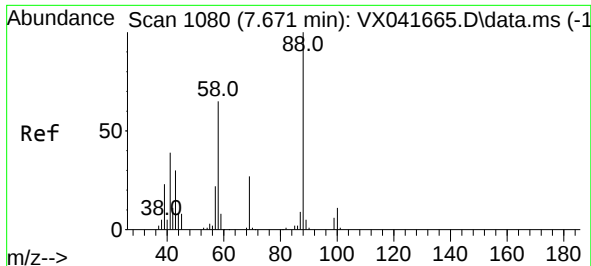
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#48
Methyl methacrylate
Concen: 52.459 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

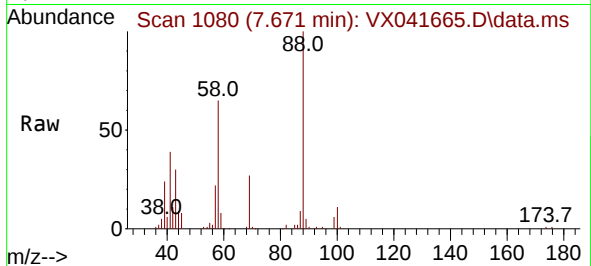
Tgt Ion: 41 Resp: 104570
Ion Ratio Lower Upper
41 100
69 79.5 59.2 88.8
39 60.2 47.7 71.5





#49
1,4-Dioxane
Concen: 1006.479 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

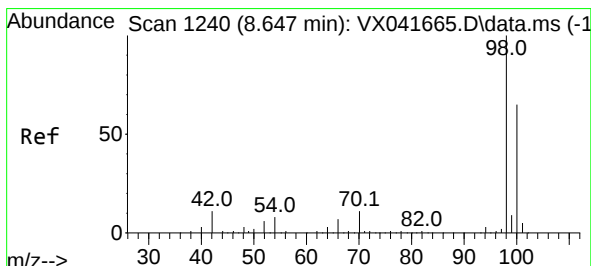
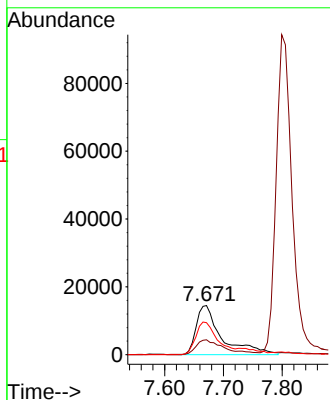
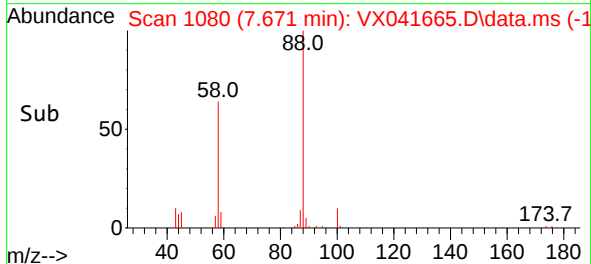
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 43830
Ion Ratio Lower Upper
88 100
43 32.4 0.0 0.0
58 56.2 60.1 90.1

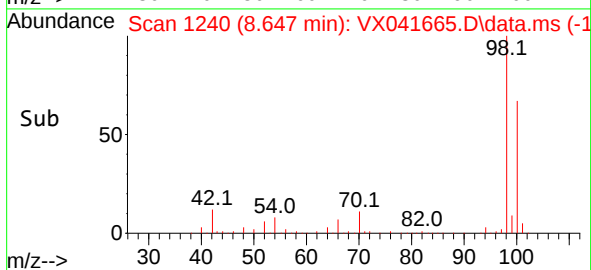
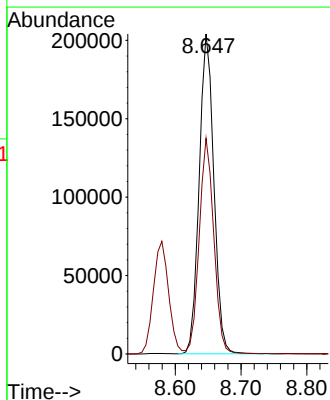
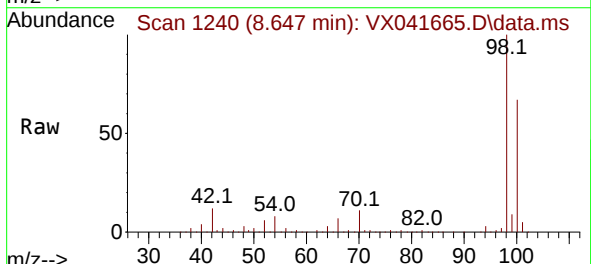
Manual Integrations
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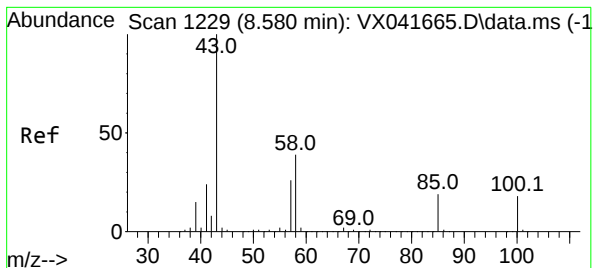
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#50
Toluene-d8
Concen: 50.310 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Tgt Ion: 98 Resp: 316269
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7





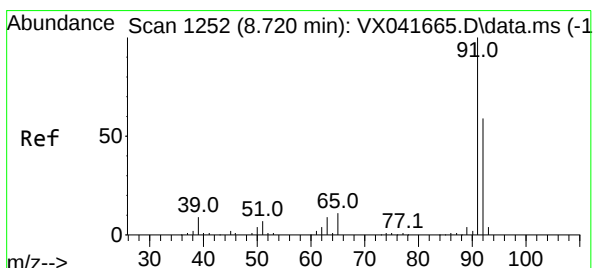
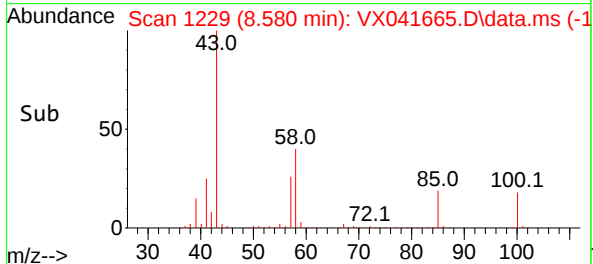
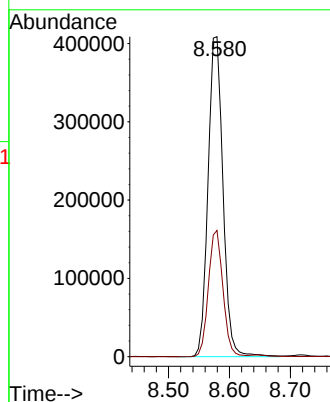
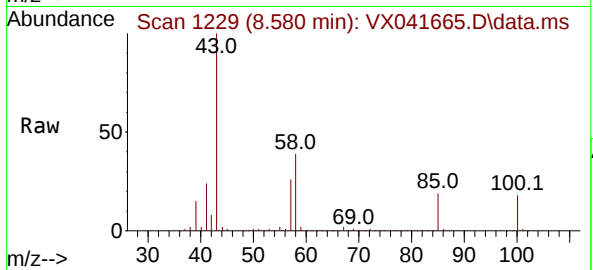
#51
4-Methyl-2-Pentanone
Concen: 258.625 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 696120
Ion Ratio Lower Upper
43 100
58 38.5 30.4 45.6

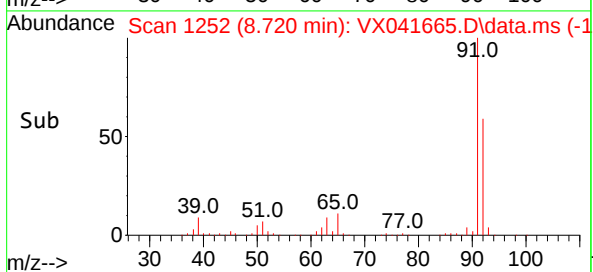
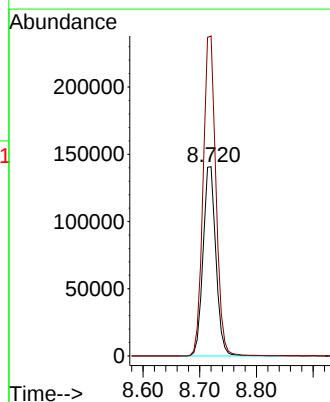
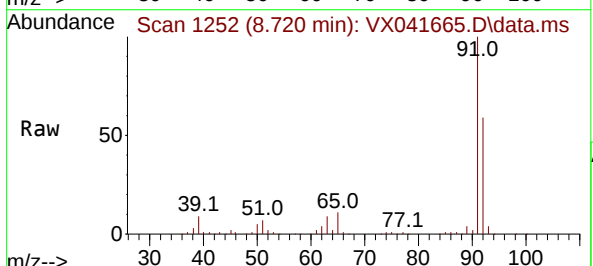
Manual Integrations
APPROVED

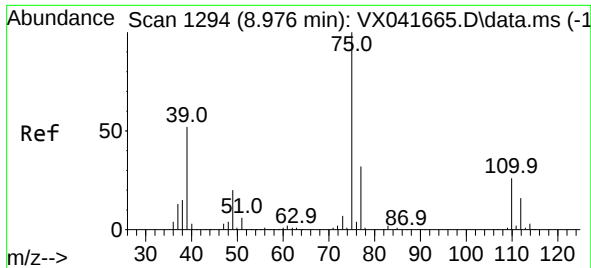
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#52
Toluene
Concen: 51.176 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

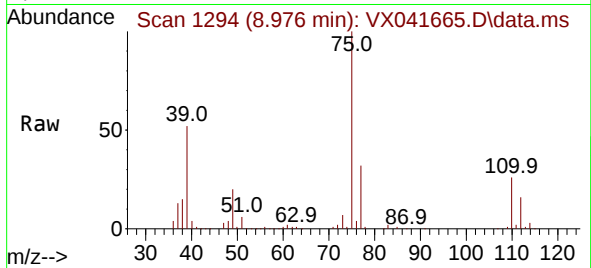
Tgt Ion: 92 Resp: 221148
Ion Ratio Lower Upper
92 100
91 169.1 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 53.479 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

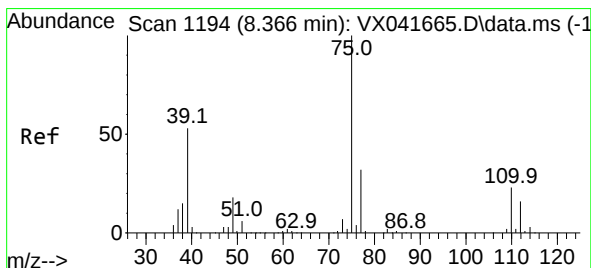
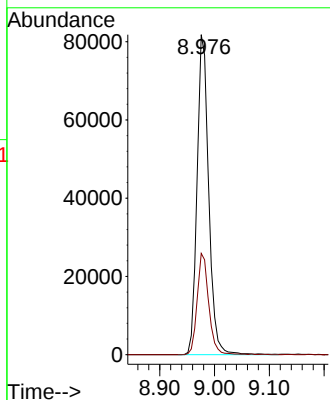
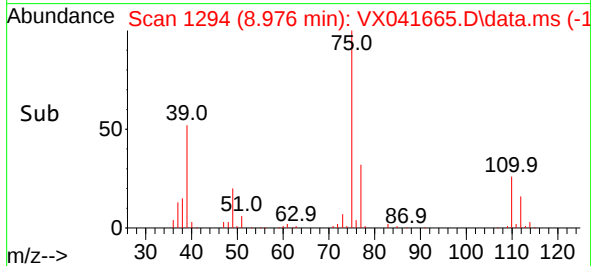
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



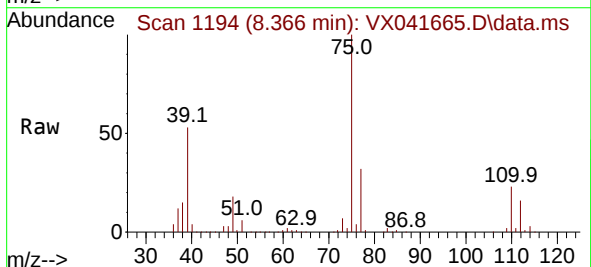
Tgt Ion: 75 Resp: 121036
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5

Manual Integrations
APPROVED

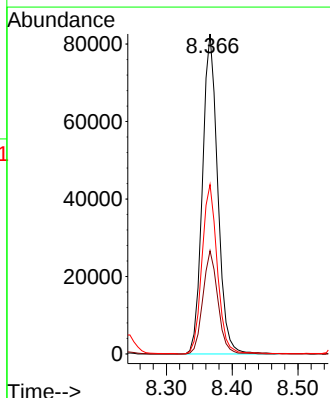
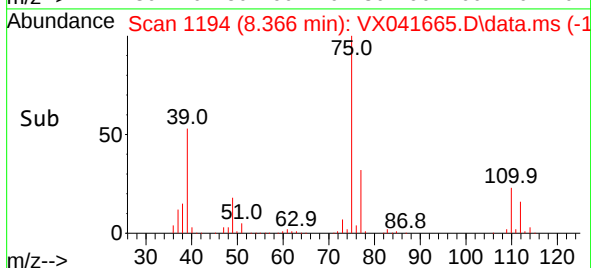
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

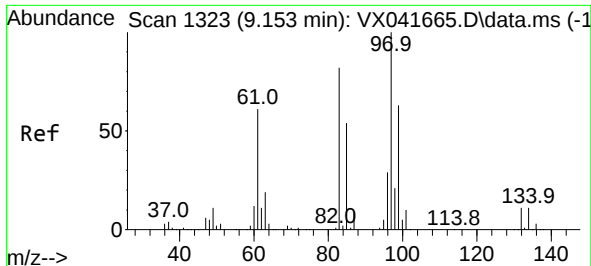


#54
cis-1,3-Dichloropropene
Concen: 53.252 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42



Tgt Ion: 75 Resp: 133328
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
39 52.9 46.7 70.1





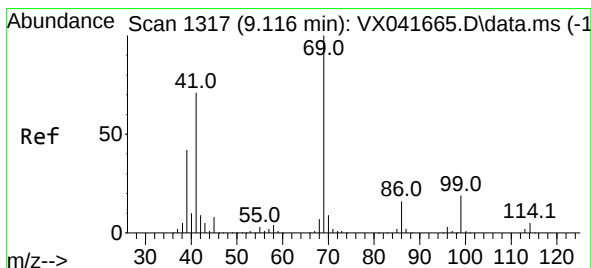
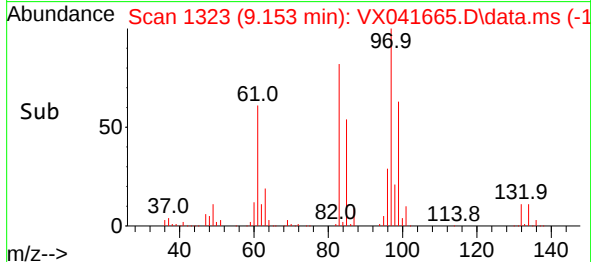
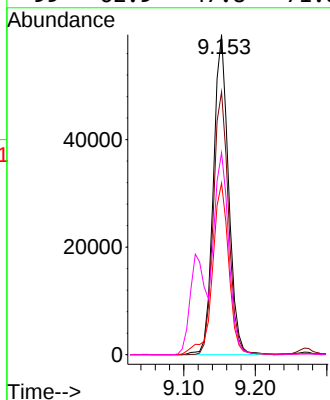
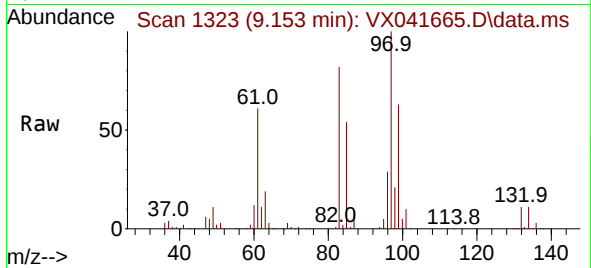
#55
1,1,2-Trichloroethane
Concen: 50.319 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:	97	Resp:	87654
Ion	Ratio	Lower	Upper
97	100		
83	82.1	65.8	98.8
85	53.6	41.6	62.4
99	62.9	47.8	71.8

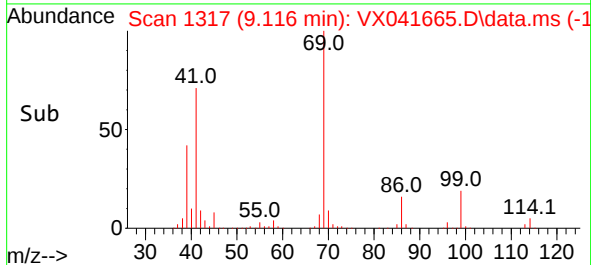
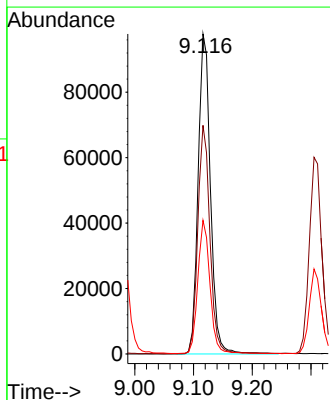
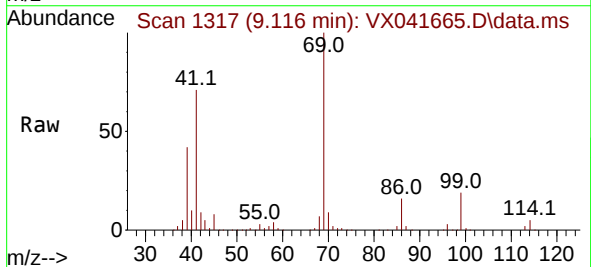
Manual Integrations
APPROVED

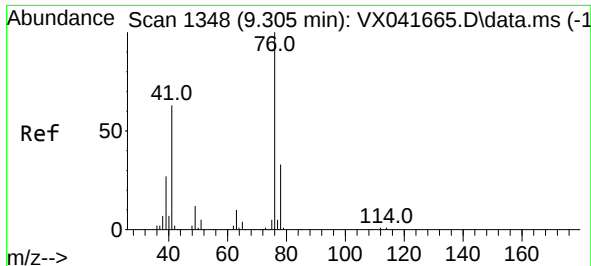
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#56
Ethyl methacrylate
Concen: 53.499 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

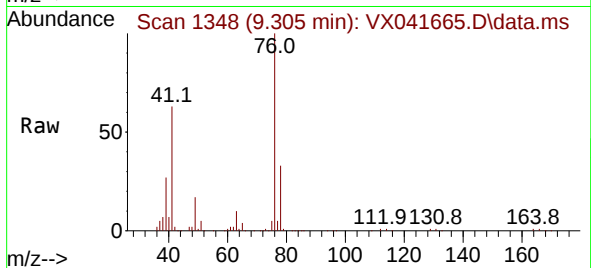
Tgt Ion:	69	Resp:	142246
Ion	Ratio	Lower	Upper
69	100		
41	70.2	56.8	85.2
39	40.9	32.0	48.0





#57
1,3-Dichloropropane
Concen: 50.201 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

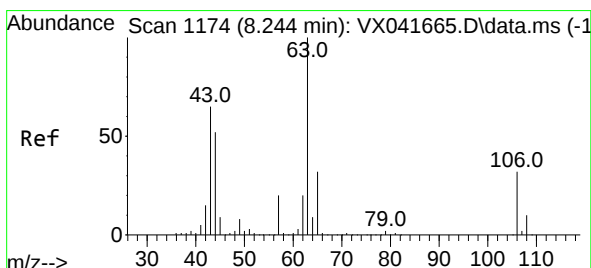
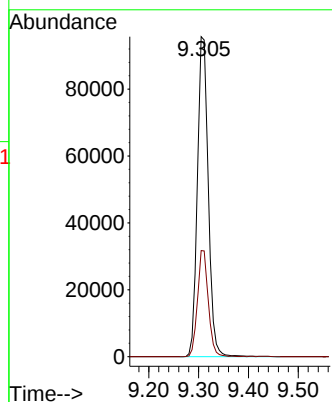
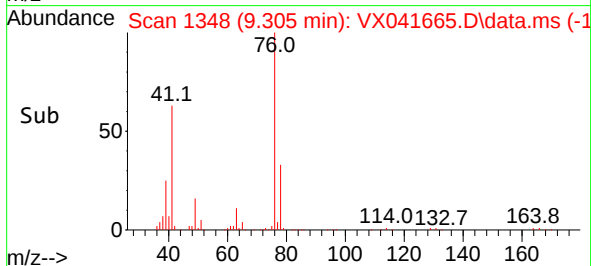
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



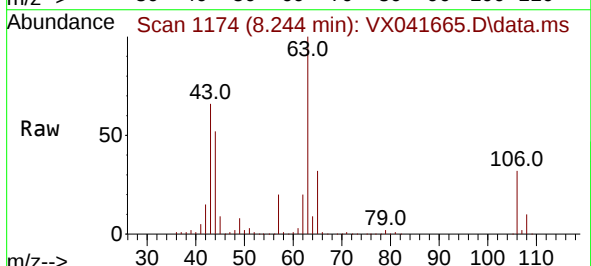
Tgt Ion: 76 Resp: 14518
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1

Manual Integrations
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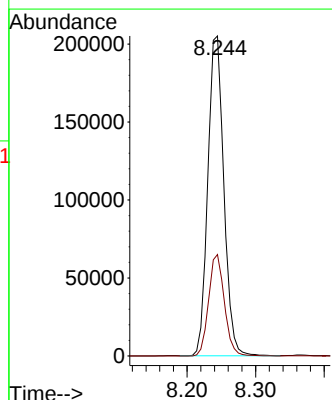
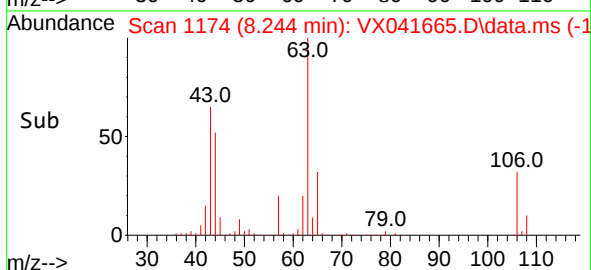
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

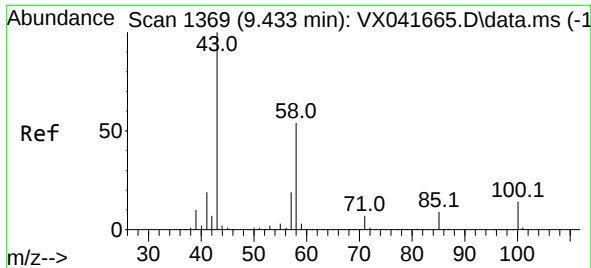


#58
2-Chloroethyl Vinyl ether
Concen: 266.257 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42



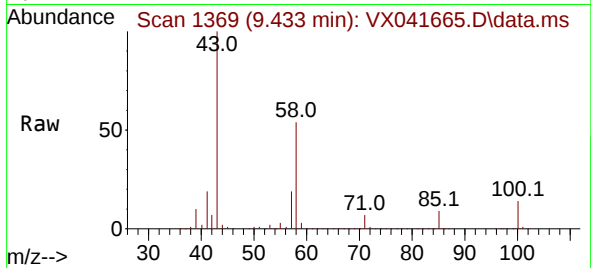
Tgt Ion: 63 Resp: 333291
Ion Ratio Lower Upper
63 100
106 31.2 22.5 33.7





#59
2-Hexanone
Concen: 265.155 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

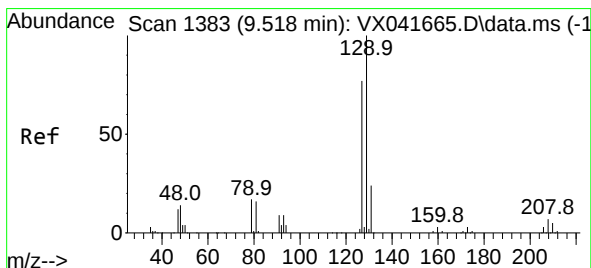
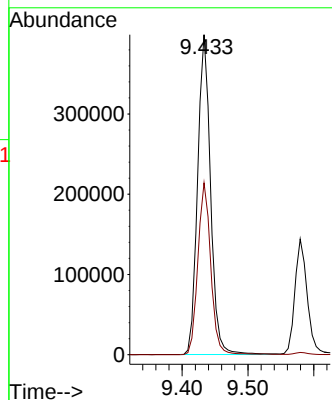
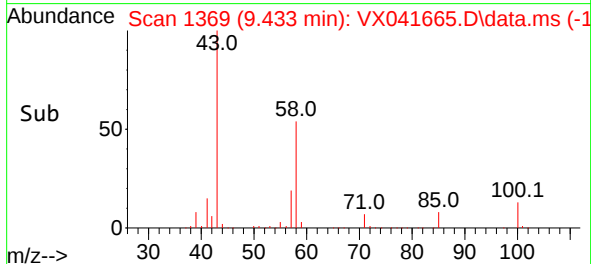
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 54412
Ion Ratio Lower Upper
43 100
58 53.6 26.2 78.5

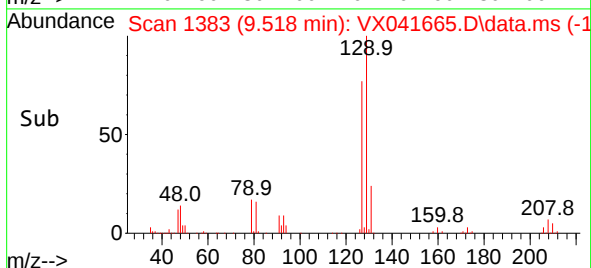
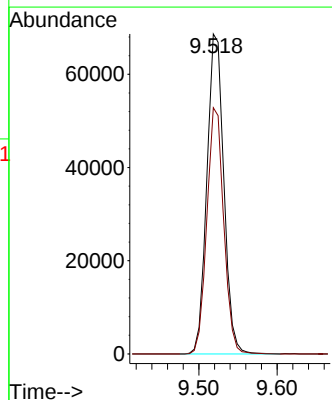
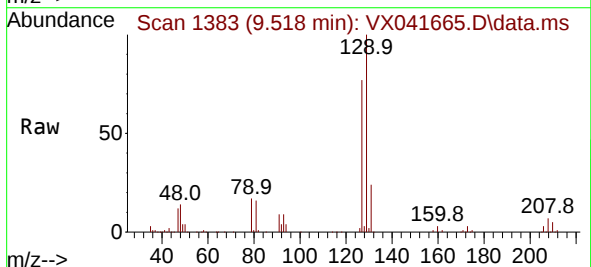
Manual Integrations
APPROVED

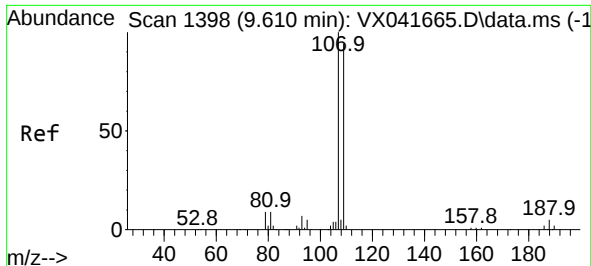
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#60
Dibromochloromethane
Concen: 53.273 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

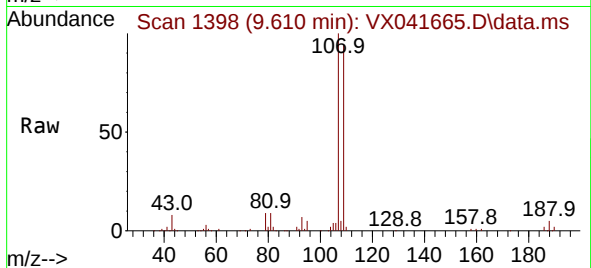
Tgt Ion:129 Resp: 102945
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.136 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

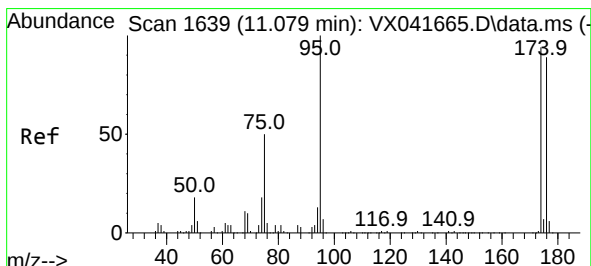
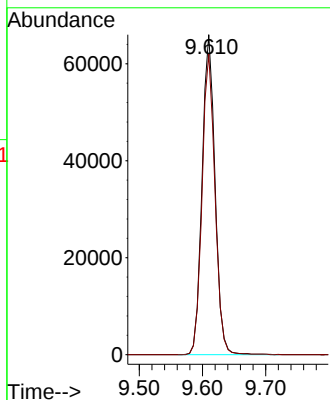
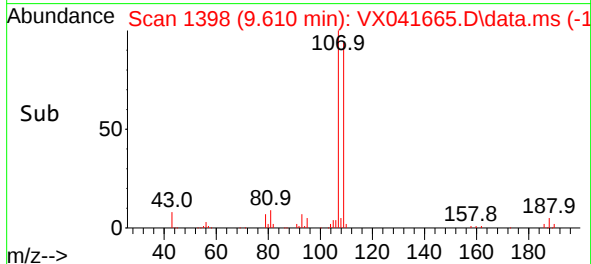
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 94015
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8

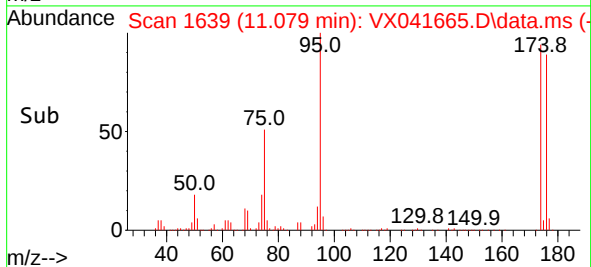
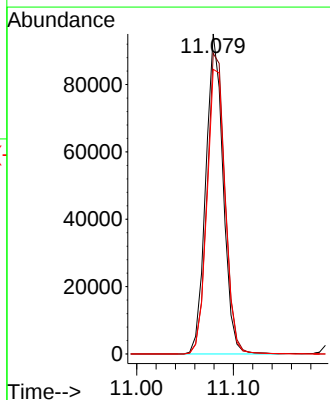
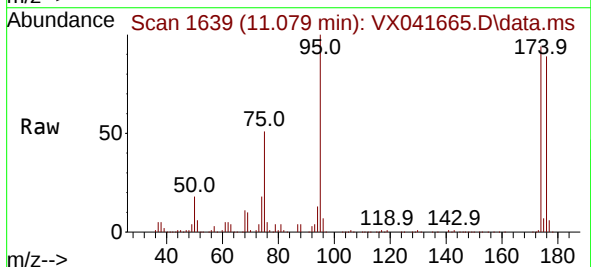
Manual Integrations
APPROVED

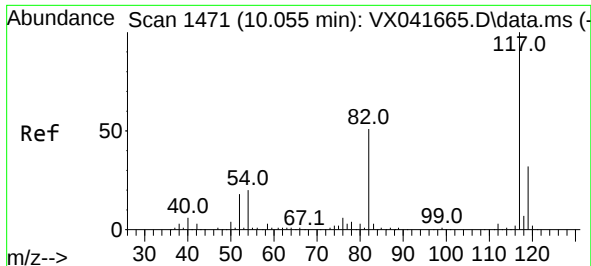
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#62
4-Bromofluorobenzene
Concen: 50.966 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

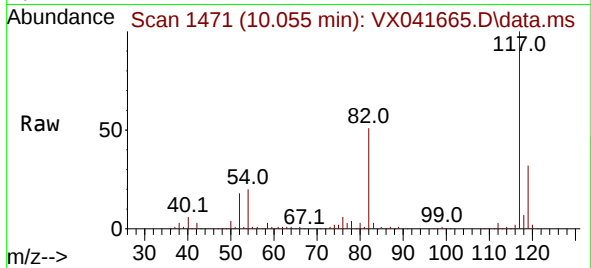
Tgt Ion: 95 Resp: 118250
Ion Ratio Lower Upper
95 100
174 98.1 0.0 135.6
176 93.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

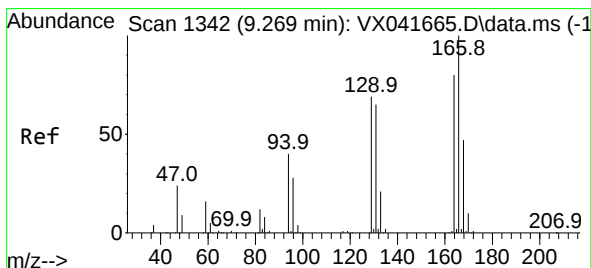
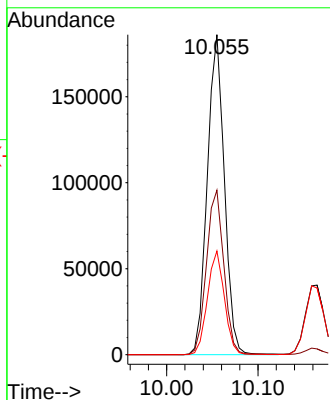
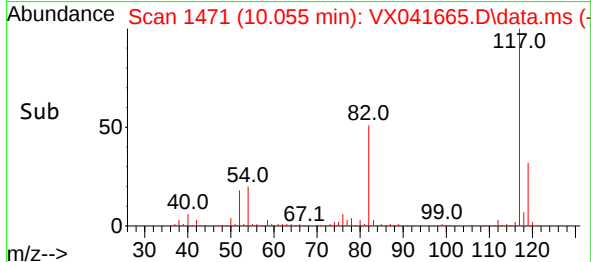
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 240604
Ion Ratio Lower Upper
117 100
82 51.4 46.2 69.4
119 32.4 25.5 38.3

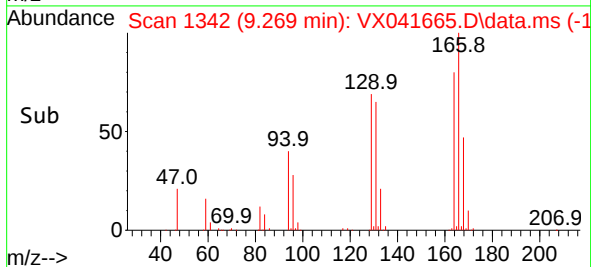
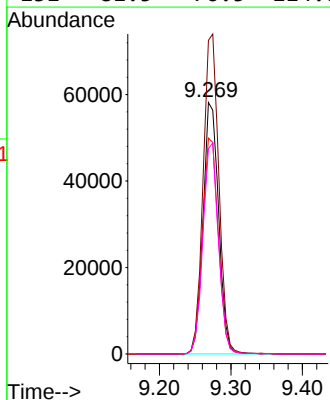
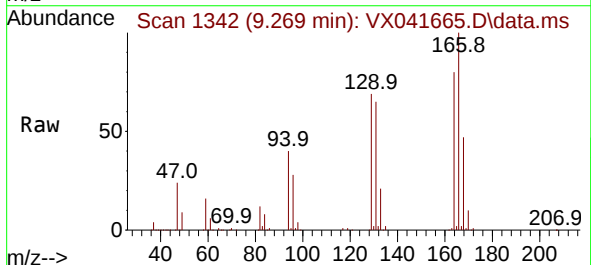
Manual Integrations
APPROVED

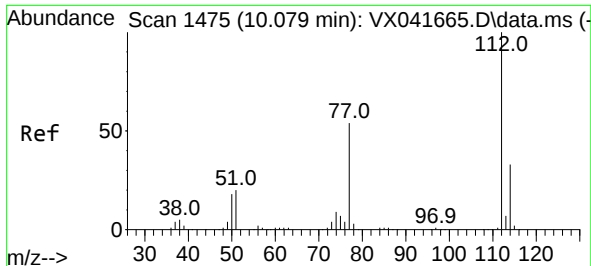
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#64
Tetrachloroethene
Concen: 48.771 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

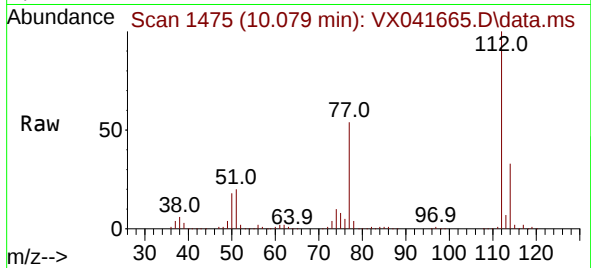
Tgt Ion:164 Resp: 87949
Ion Ratio Lower Upper
164 100
166 124.6 102.7 154.1
129 85.8 80.4 120.6
131 81.5 76.5 114.7





#65
Chlorobenzene
Concen: 49.278 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

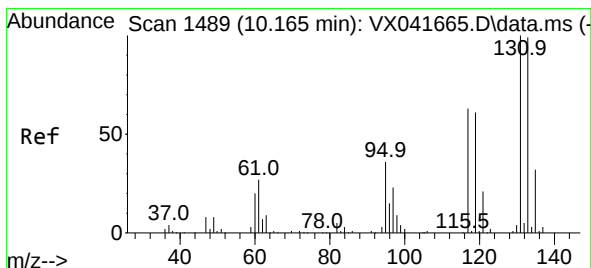
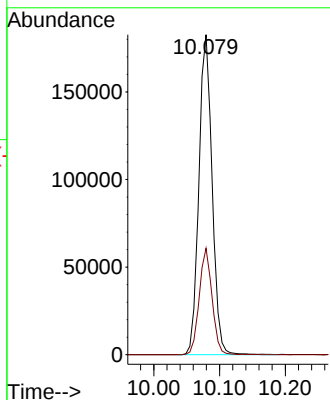
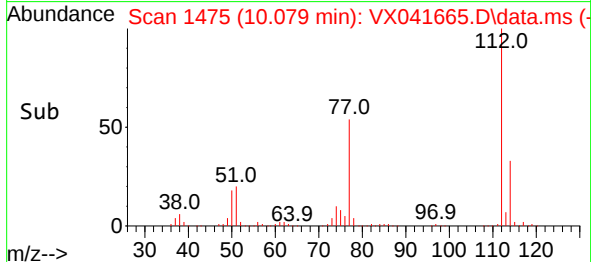
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



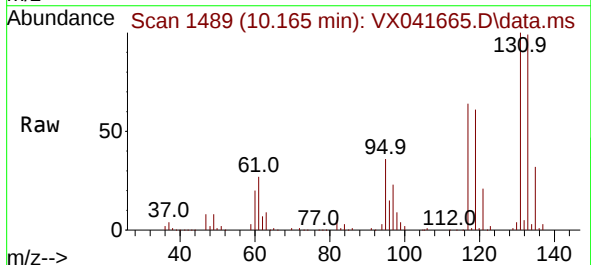
Tgt Ion:112 Resp: 25445
Ion Ratio Lower Upper
112 100
114 33.2 25.7 38.5

Manual Integrations
APPROVED

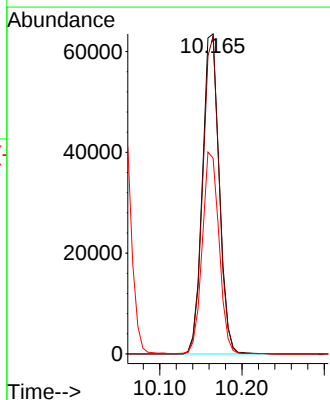
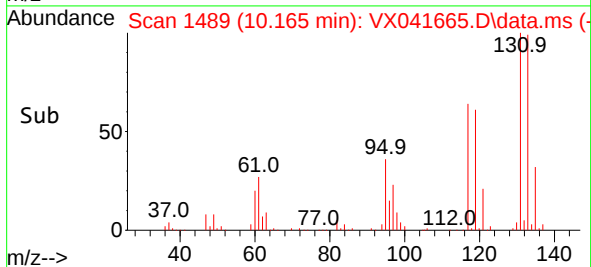
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

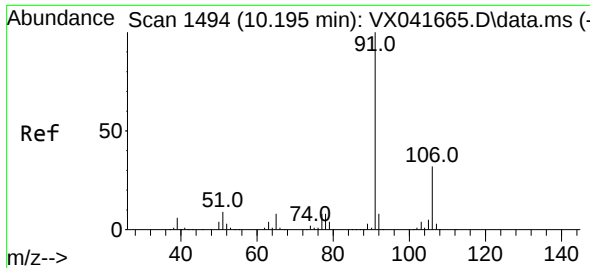


#66
1,1,1,2-Tetrachloroethane
Concen: 50.426 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42



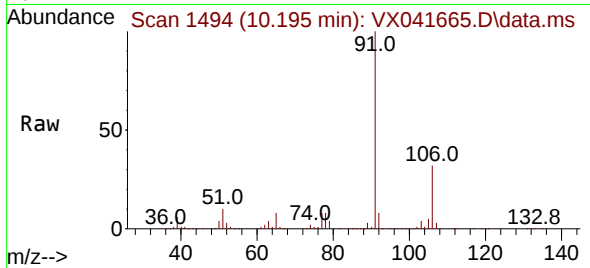
Tgt Ion:131 Resp: 90353
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.4
119 63.0 32.2 96.6





#67
Ethyl Benzene
Concen: 50.825 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

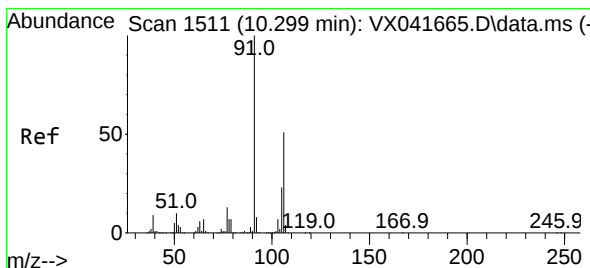
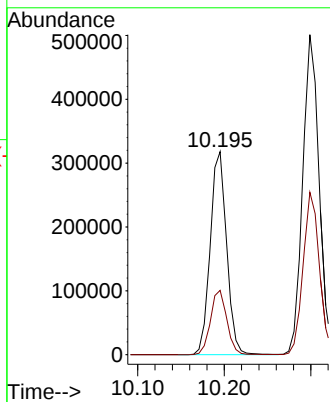
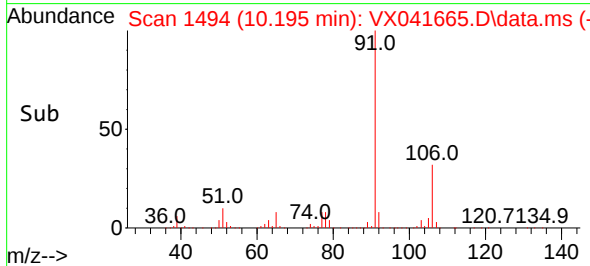
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 418249
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

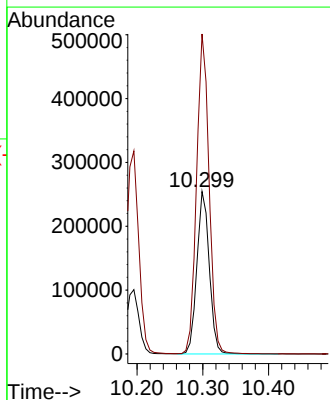
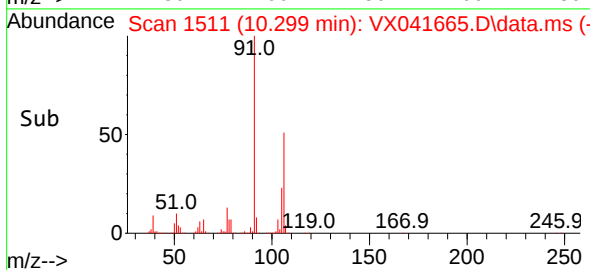
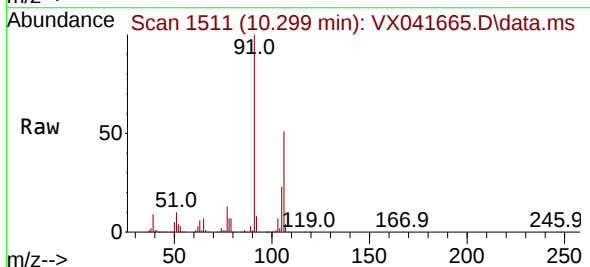
Manual Integrations
APPROVED

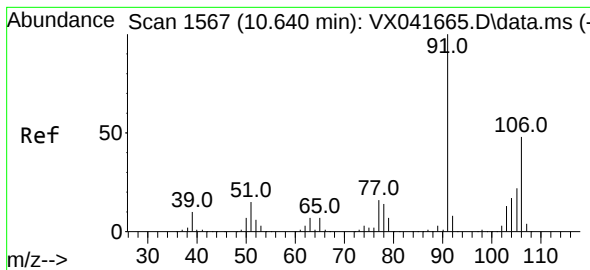
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#68
m/p-Xylenes
Concen: 102.076 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Tgt Ion:106 Resp: 334168
Ion Ratio Lower Upper
106 100
91 198.2 165.5 248.3





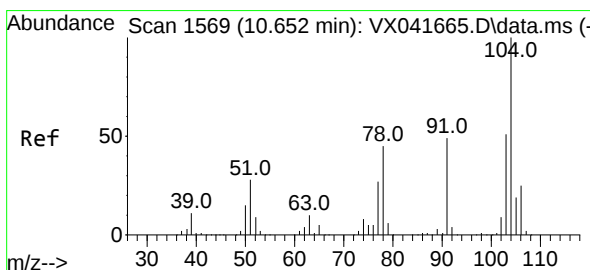
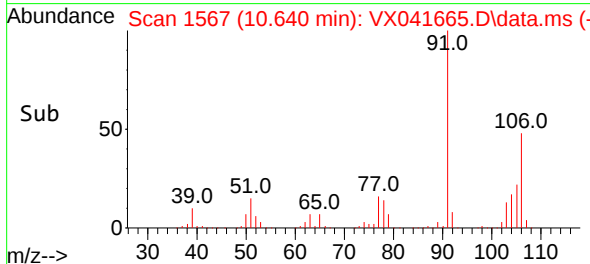
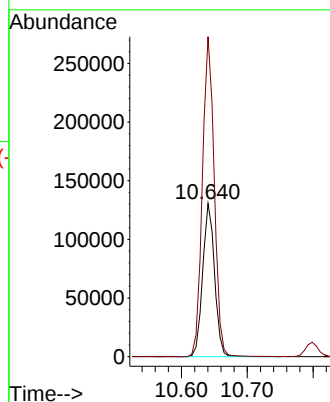
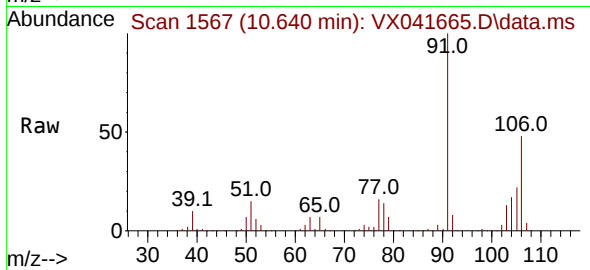
#69
o-Xylene
Concen: 50.459 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 16433
Ion Ratio Lower Upper
106 100
91 207.9 108.9 326.8

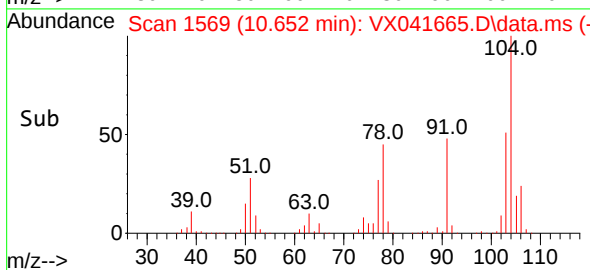
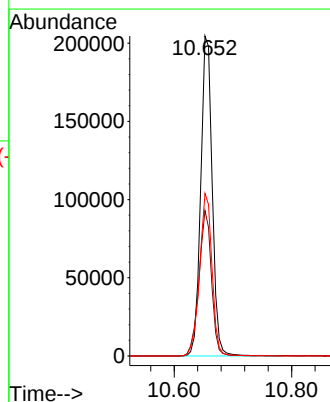
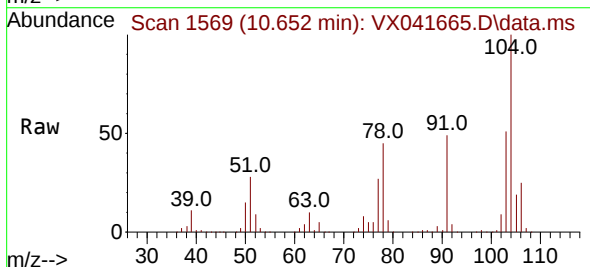
Manual Integrations
APPROVED

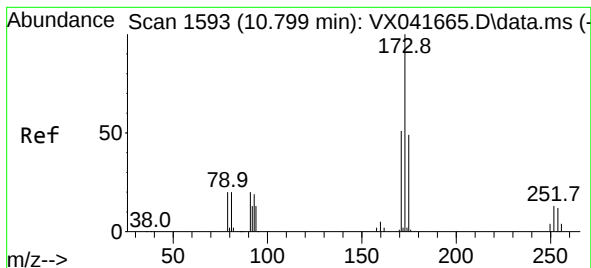
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#70
Styrene
Concen: 51.856 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Tgt Ion:104 Resp: 278940
Ion Ratio Lower Upper
104 100
78 49.3 43.6 65.4
103 54.9 43.6 65.4





#71

Bromoform

Concen: 52.452 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX041665.D

Acq: 29 May 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 8184

Ion Ratio Lower Upper

173 100

175 49.3 24.1 72.4

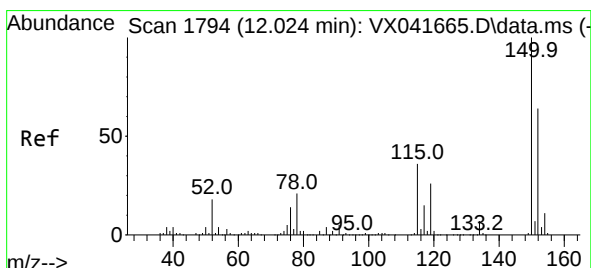
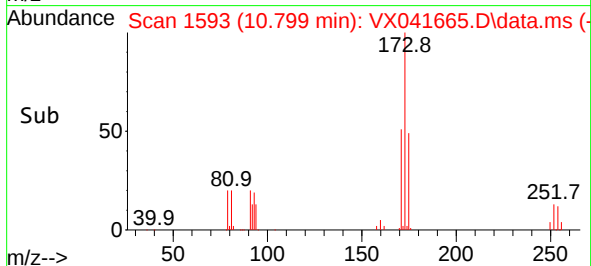
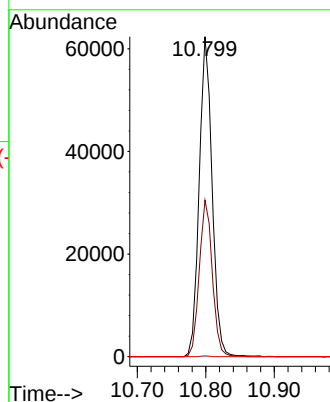
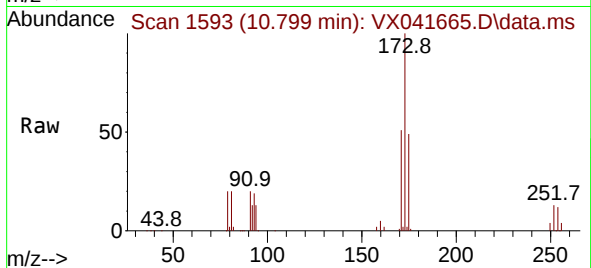
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041665.D

Acq: 29 May 2024 10:42

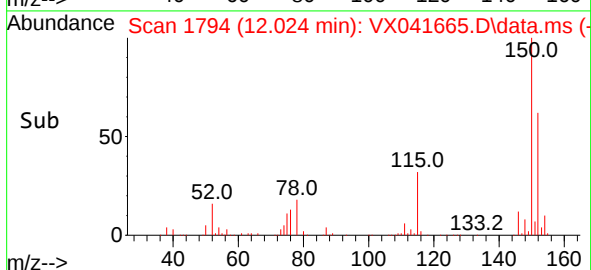
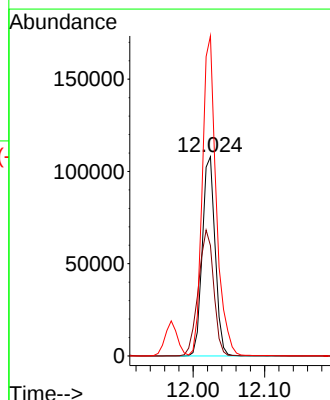
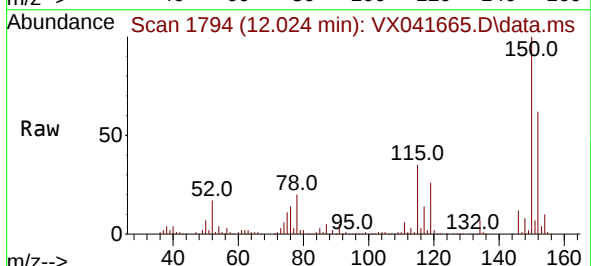
Tgt Ion:152 Resp: 134593

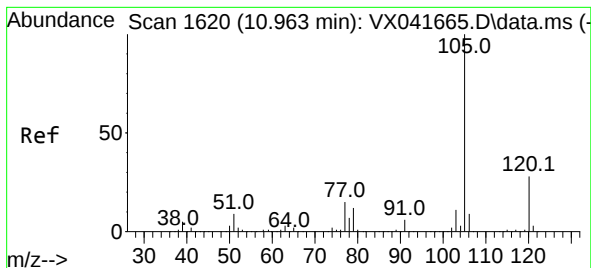
Ion Ratio Lower Upper

152 100

115 75.6 43.3 129.9

150 174.1 0.0 345.0





#73

Isopropylbenzene

Concen: 50.441 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041665.D

Acq: 29 May 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 421124

Ion Ratio Lower Upper

105 100

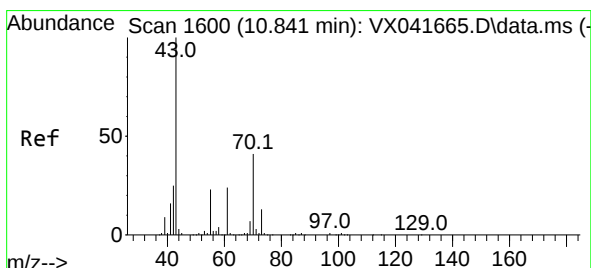
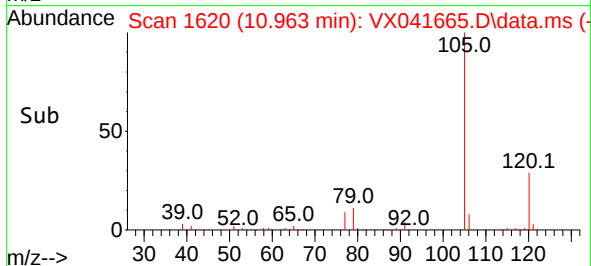
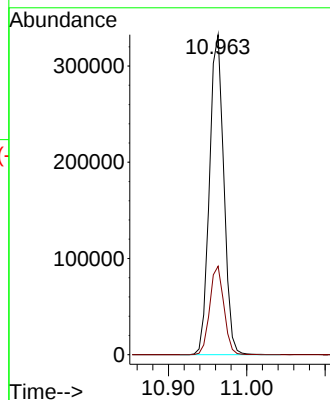
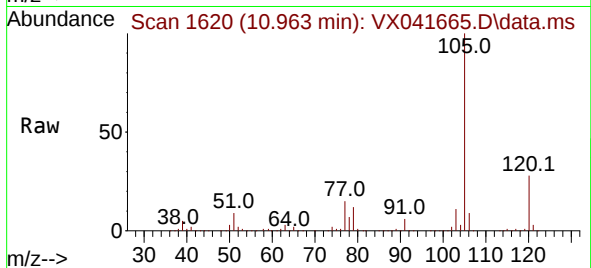
120 27.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#74

N-ethyl acetate

Concen: 52.771 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041665.D

Acq: 29 May 2024 10:42

Tgt Ion: 43 Resp: 195167

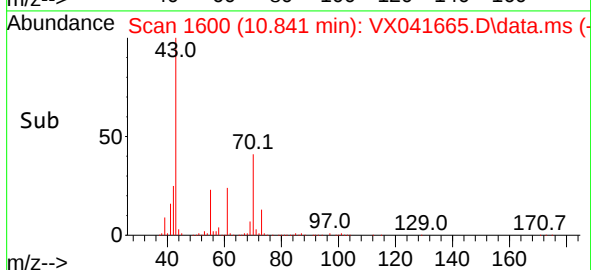
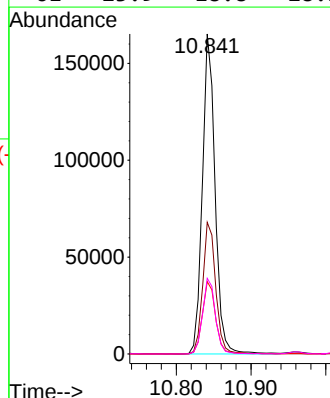
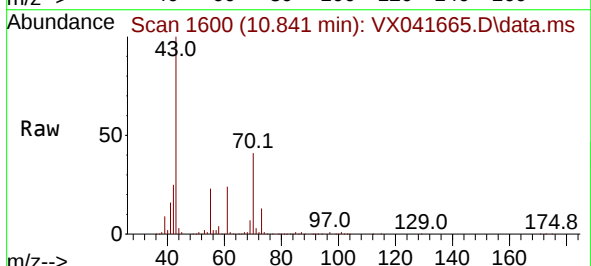
Ion Ratio Lower Upper

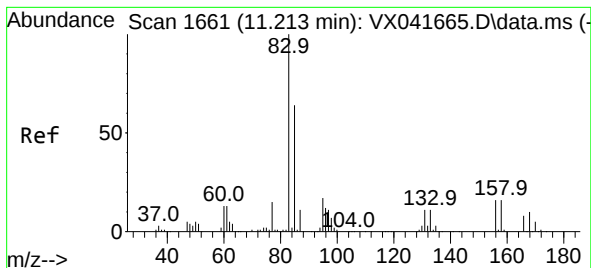
43 100

70 42.3 32.9 49.3

55 23.7 19.3 28.9

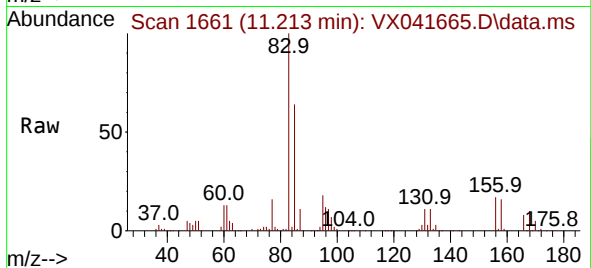
61 23.9 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.499 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

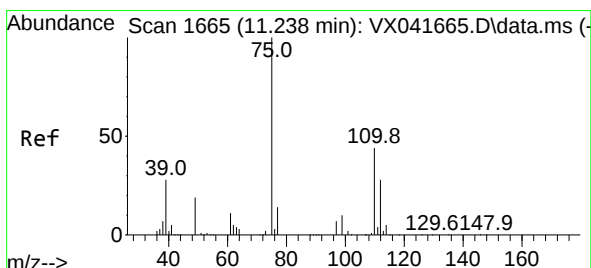
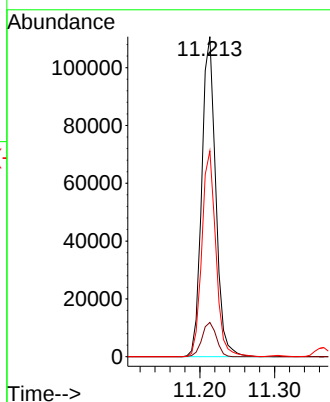
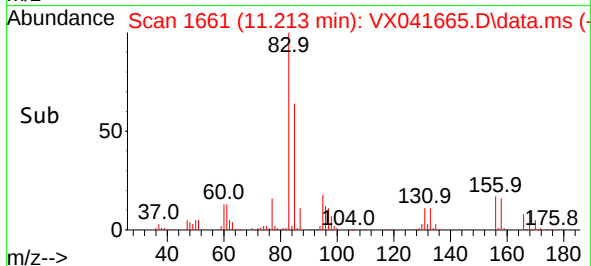
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



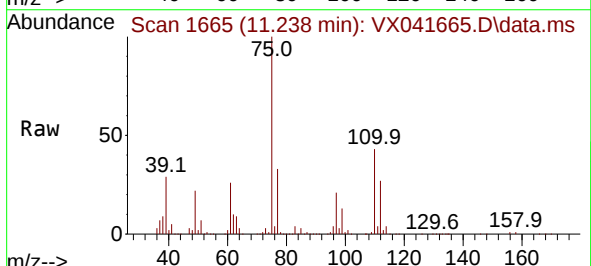
Tgt Ion: 83 Resp: 143690
Ion Ratio Lower Upper
83 100
131 11.1 5.3 15.8
85 64.4 32.0 96.2

Manual Integrations
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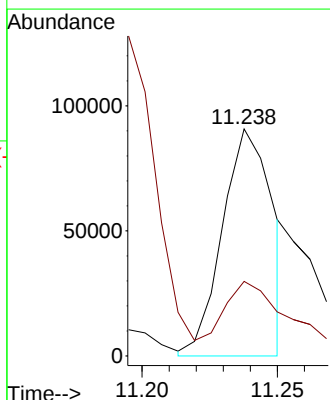
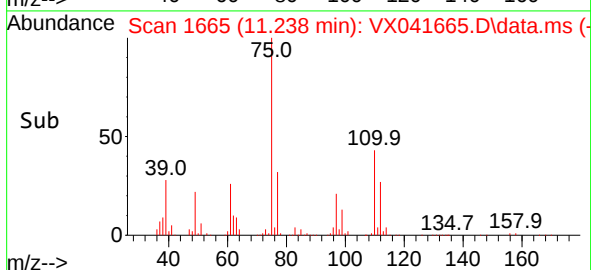
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

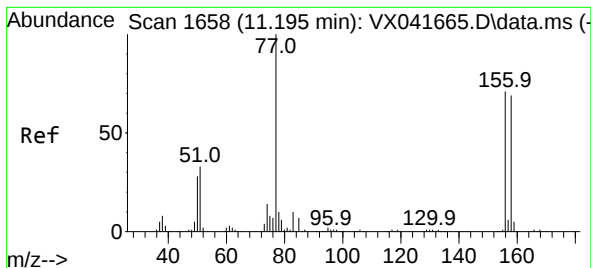


#76
1,2,3-Trichloropropane
Concen: 48.837 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42



Tgt Ion: 75 Resp: 116811
Ion Ratio Lower Upper
75 100
77 44.1 19.1 57.5





#77

Bromobenzene

Concen: 49.058 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX041665.D

Acq: 29 May 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:156 Resp: 12089

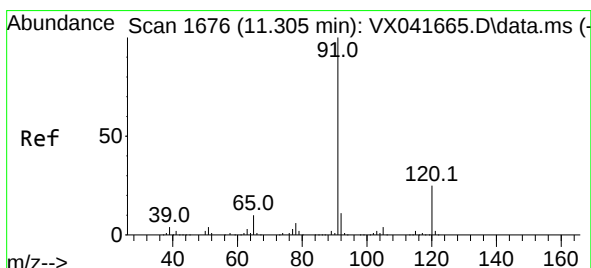
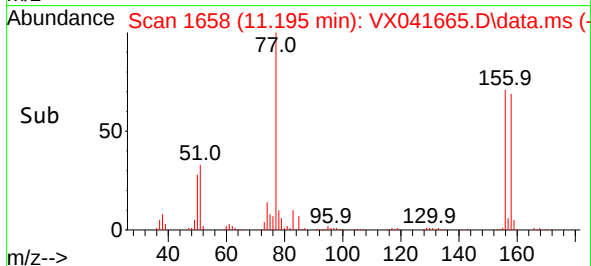
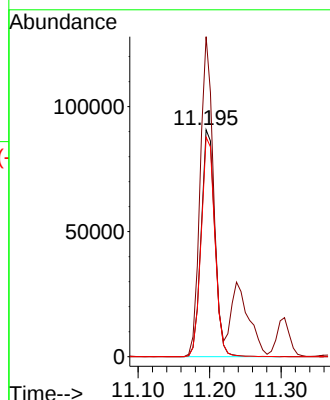
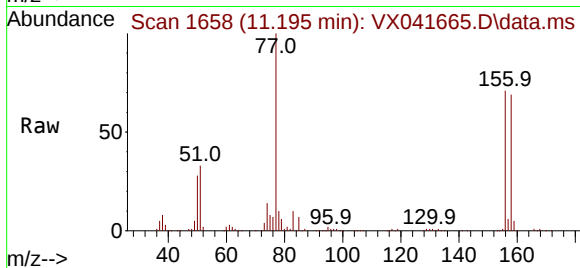
Ion	Ratio	Lower	Upper
156	100		
77	135.0	88.4	265.3
158	97.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#78

n-propylbenzene

Concen: 51.002 ug/l

RT: 11.305 min Scan# 1676

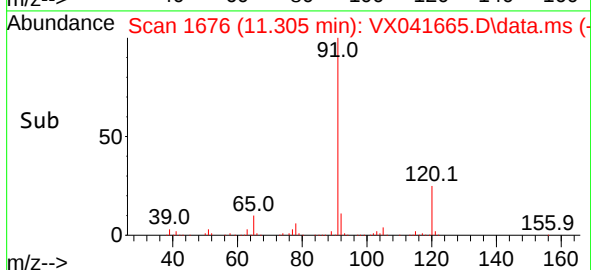
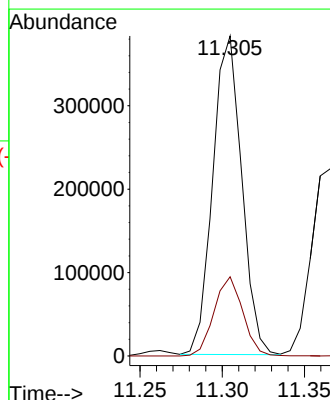
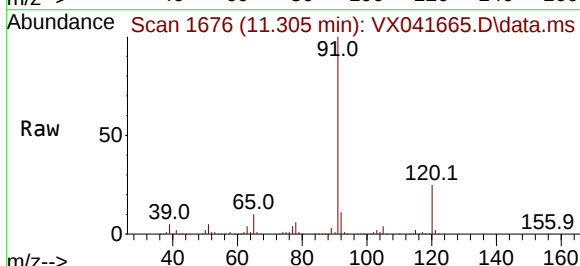
Delta R.T. 0.000 min

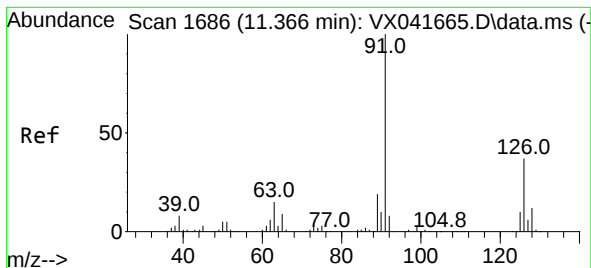
Lab File: VX041665.D

Acq: 29 May 2024 10:42

Tgt Ion: 91 Resp: 467563

Ion	Ratio	Lower	Upper
91	100		
120	24.8	11.5	34.4





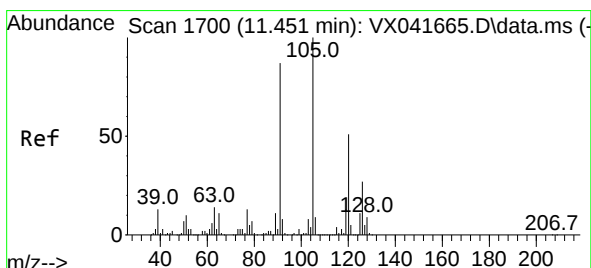
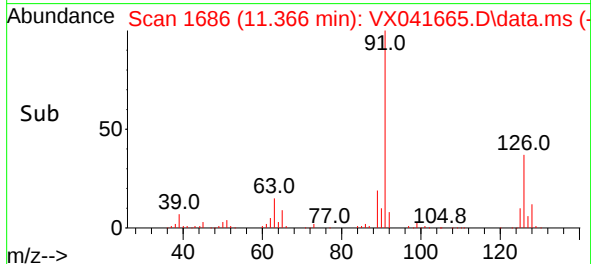
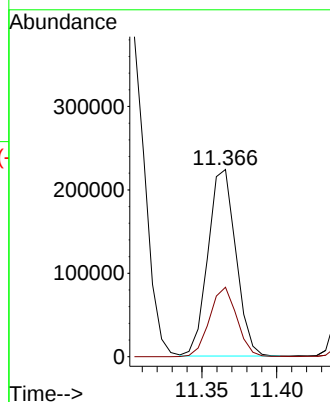
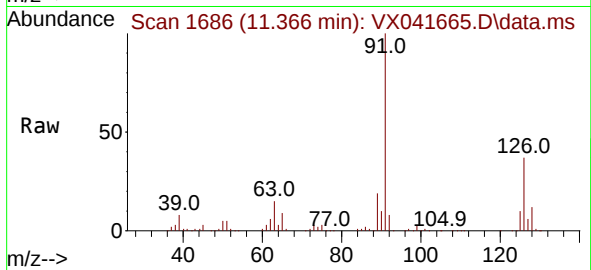
#79
2-Chlorotoluene
Concen: 49.333 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 290693
Ion Ratio Lower Upper
91 100
126 36.4 16.3 48.8

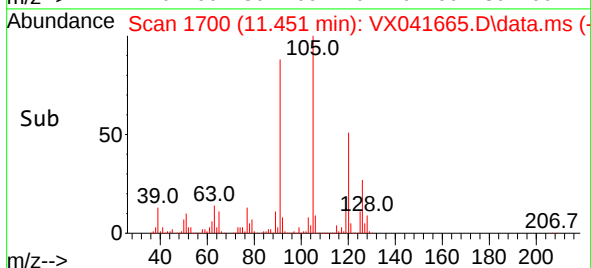
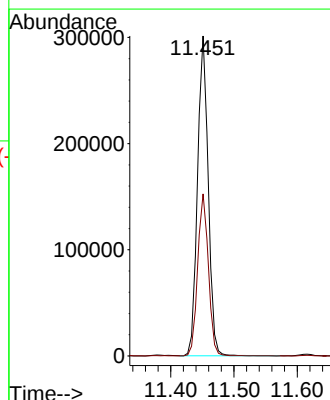
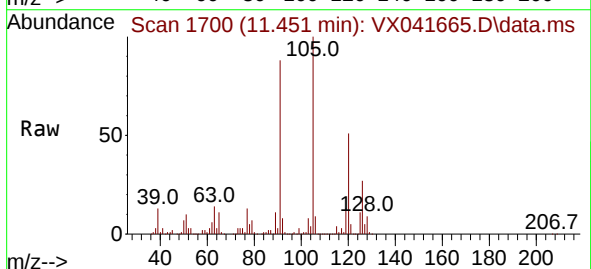
Manual Integrations
APPROVED

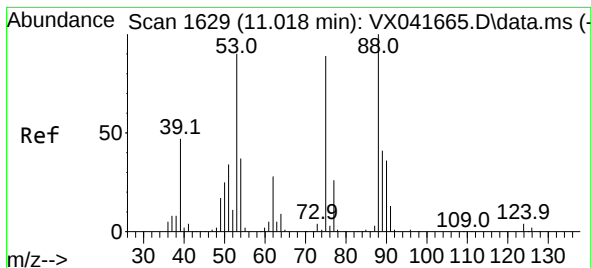
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.869 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Tgt Ion:105 Resp: 354591
Ion Ratio Lower Upper
105 100
120 50.8 24.1 72.3





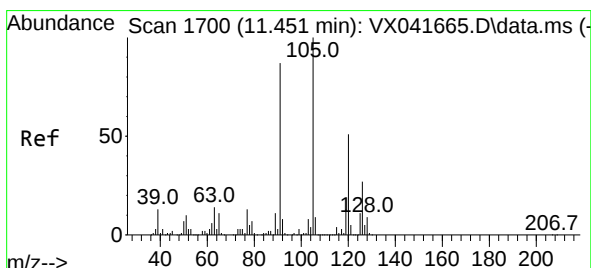
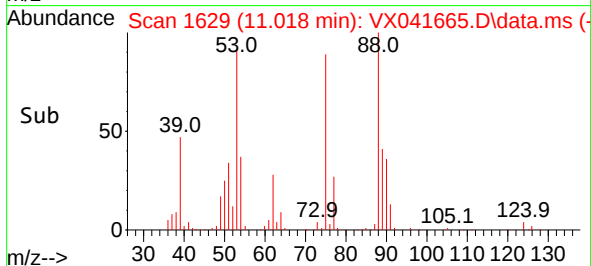
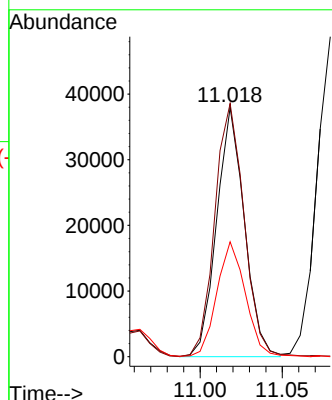
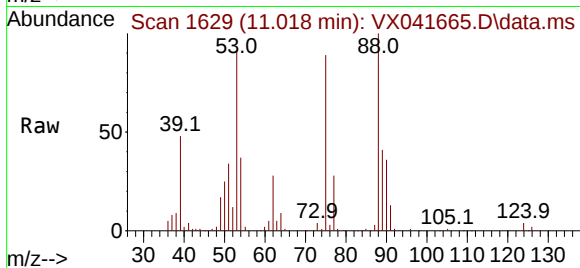
#81
trans-1,4-Dichloro-2-butene
Concen: 51.680 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 44529
Ion Ratio Lower Upper
75 100
53 107.8 90.5 135.7
89 47.5 36.9 55.3

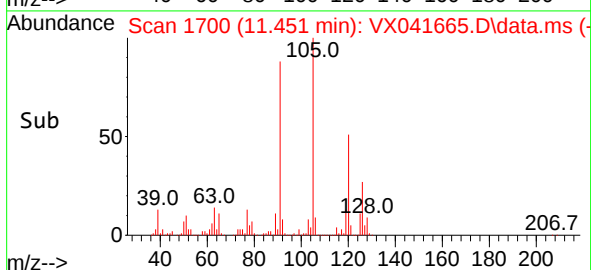
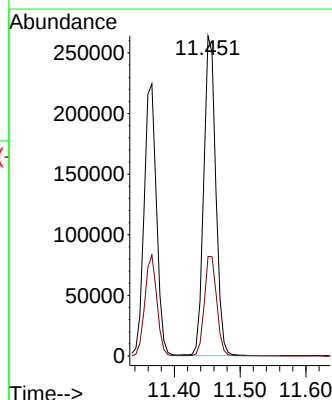
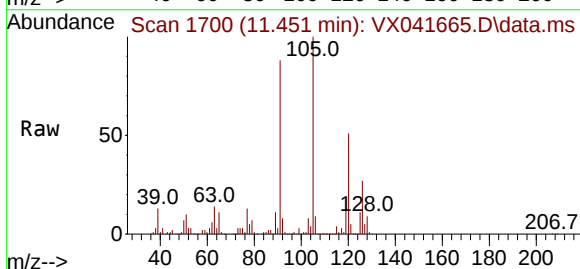
Manual Integrations
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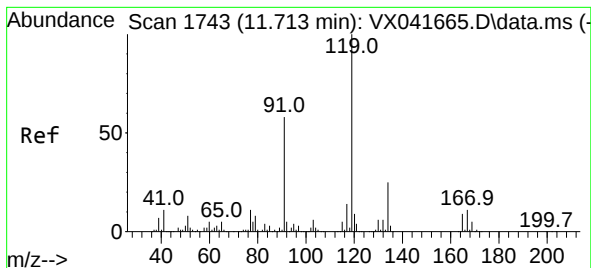
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#82
4-Chlorotoluene
Concen: 50.193 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Tgt Ion: 91 Resp: 336469
Ion Ratio Lower Upper
91 100
126 32.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.170 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041665.D

Acq: 29 May 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:119 Resp: 376712

Ion Ratio Lower Upper

119 100

91 54.5 31.2 93.6

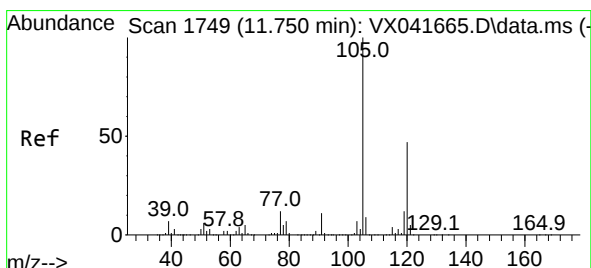
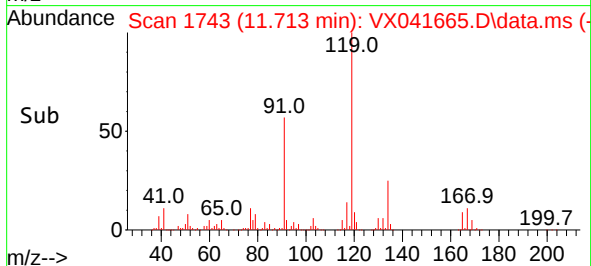
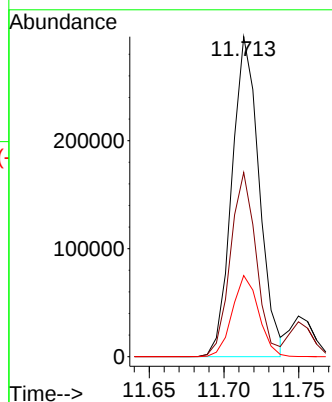
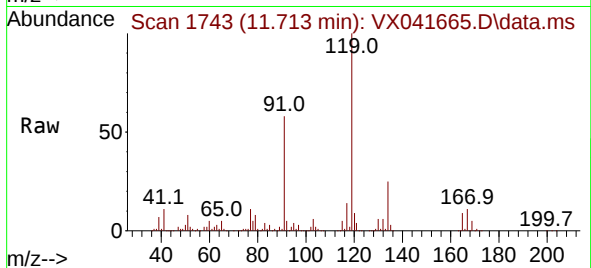
134 24.5 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#84

1,2,4-Trimethylbenzene

Concen: 51.388 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041665.D

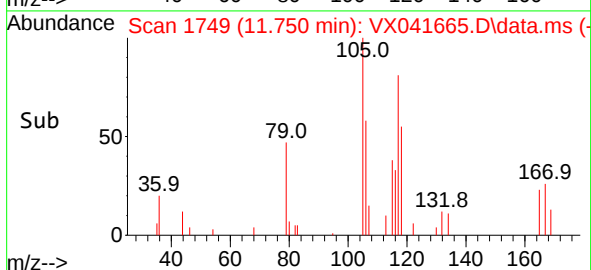
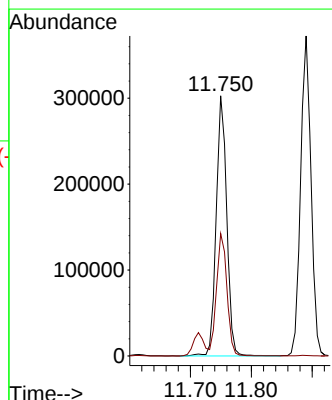
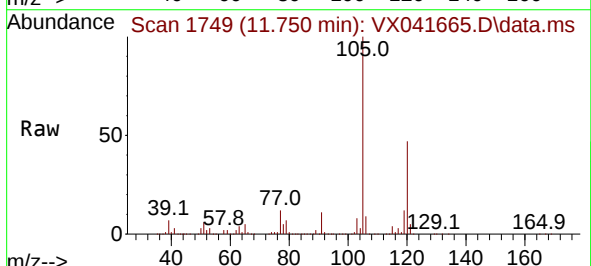
Acq: 29 May 2024 10:42

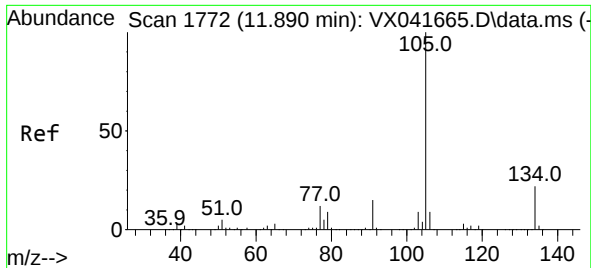
Tgt Ion:105 Resp: 362930

Ion Ratio Lower Upper

105 100

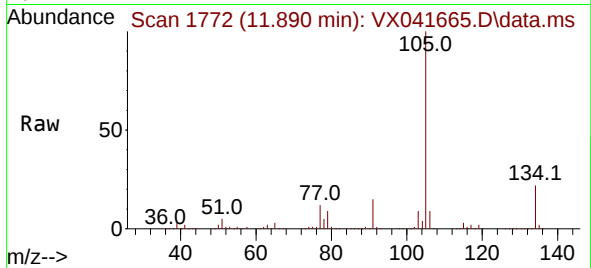
120 46.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 51.341 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041665.D
 Acq: 29 May 2024 10:42

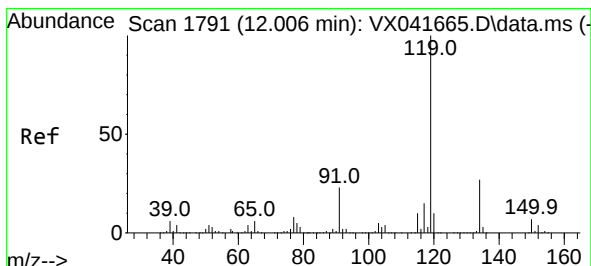
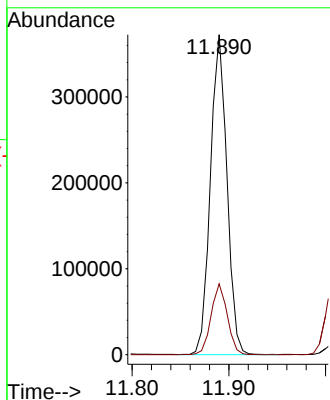
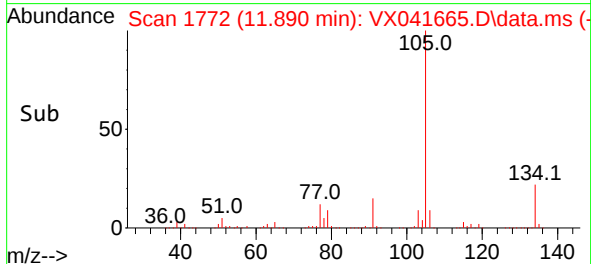
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



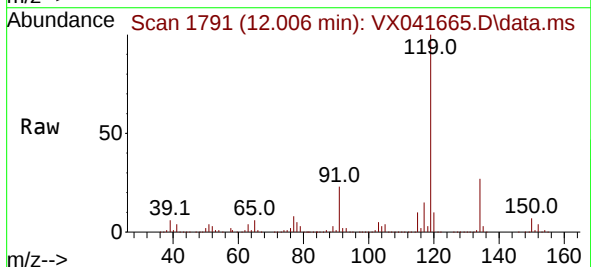
Tgt Ion:105 Resp: 441960
 Ion Ratio Lower Upper
 105 100
 134 21.7 9.8 29.4

Manual Integrations
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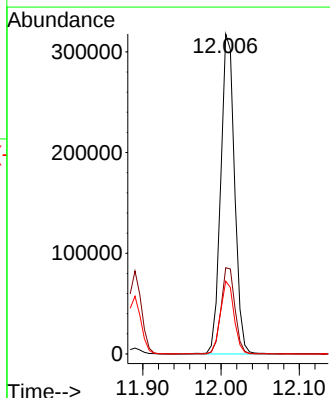
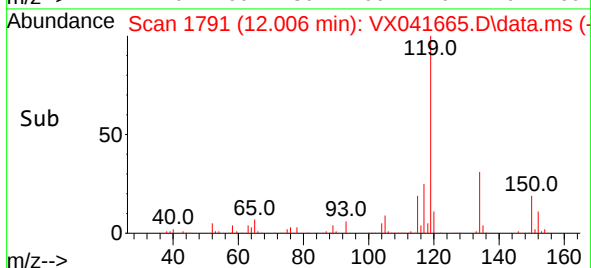
Reviewed By :John Carlone 05/30/2024
 Supervised By :Semsettin Yesilyurt 05/30/2024

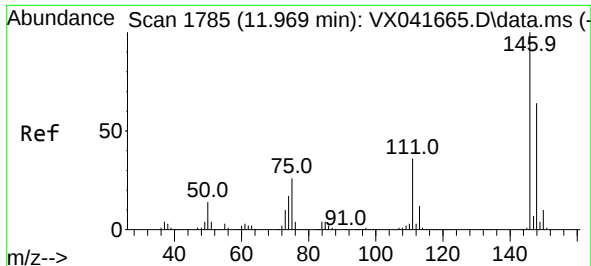


#86
 p-Isopropyltoluene
 Concen: 51.909 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041665.D
 Acq: 29 May 2024 10:42



Tgt Ion:119 Resp: 391908
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.8 38.3
 91 22.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.460 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041665.D

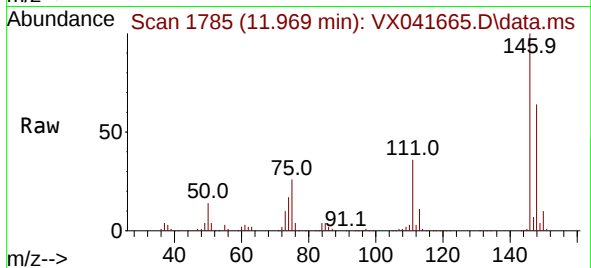
Acq: 29 May 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050



Tgt Ion:146 Resp: 217684

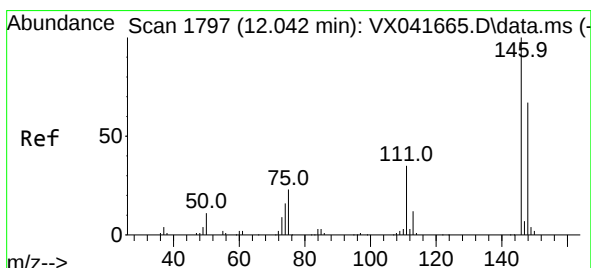
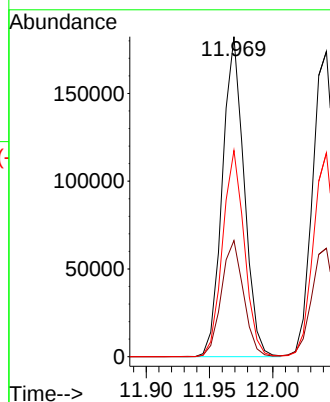
Ion	Ratio	Lower	Upper
146	100		
111	37.0	22.1	66.1
148	64.3	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#88

1,4-Dichlorobenzene

Concen: 48.823 ug/l

RT: 12.042 min Scan# 1797

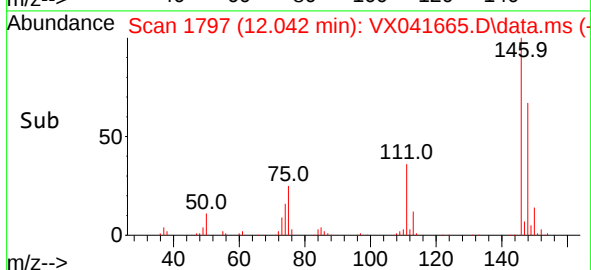
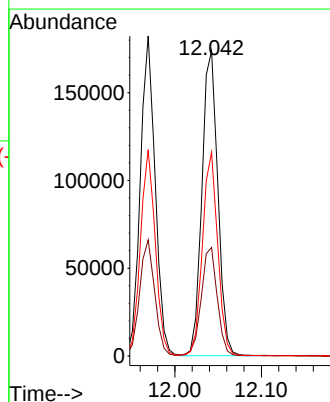
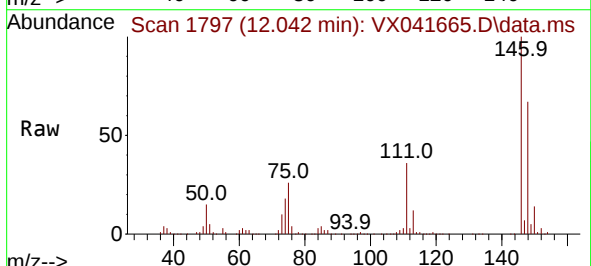
Delta R.T. 0.000 min

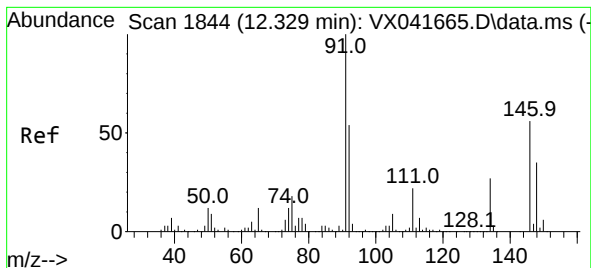
Lab File: VX041665.D

Acq: 29 May 2024 10:42

Tgt Ion:146 Resp: 221501

Ion	Ratio	Lower	Upper
146	100		
111	35.8	21.3	63.7
148	64.6	31.8	95.4





#89

n-Butylbenzene

Concen: 52.788 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041665.D

Acq: 29 May 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 31550

Ion Ratio Lower Upper

91 100

92 54.0 27.4 82.0

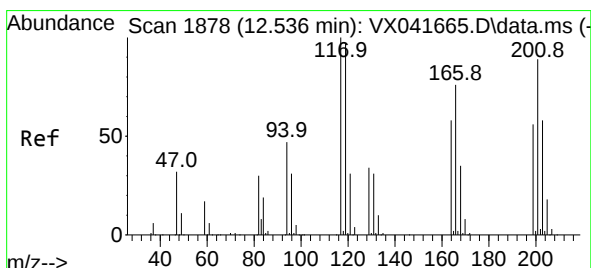
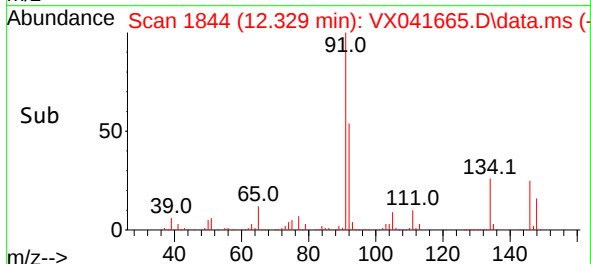
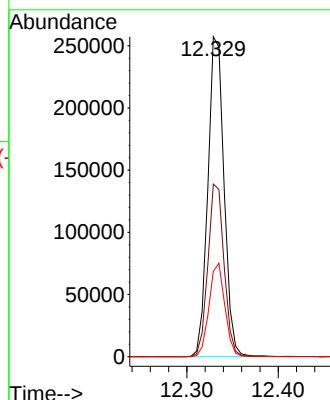
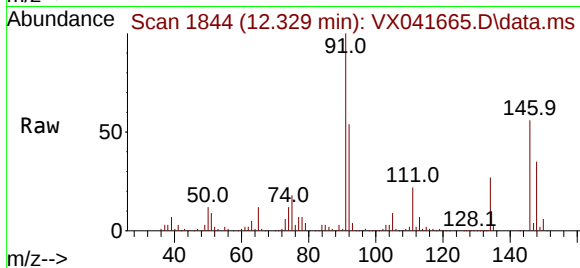
134 28.5 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#90

Hexachloroethane

Concen: 50.344 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX041665.D

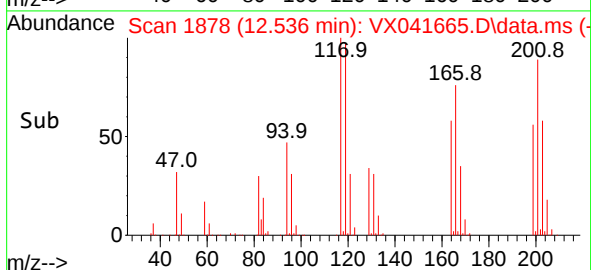
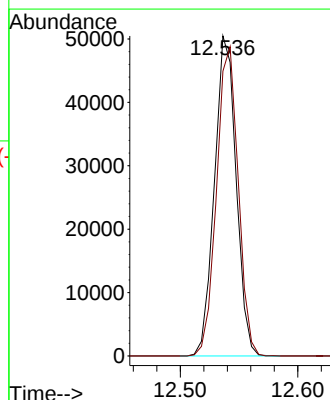
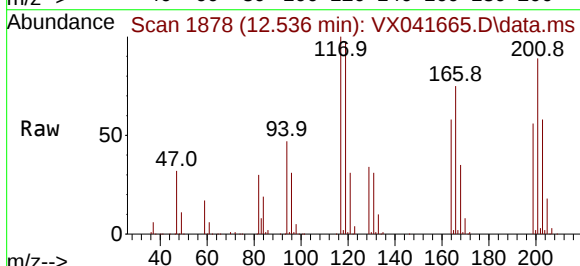
Acq: 29 May 2024 10:42

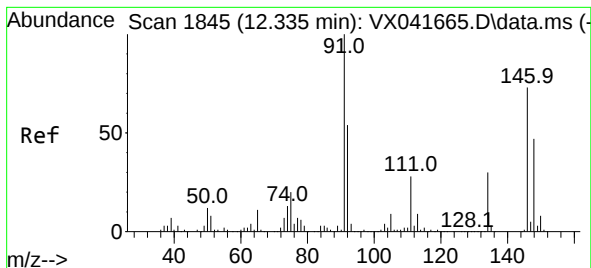
Tgt Ion:117 Resp: 64647

Ion Ratio Lower Upper

117 100

201 96.6 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 49.933 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041665.D

Acq: 29 May 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 223849

Ion Ratio Lower Upper

146 100

111 38.2 22.4 67.0

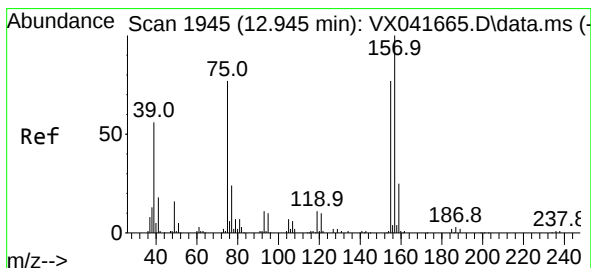
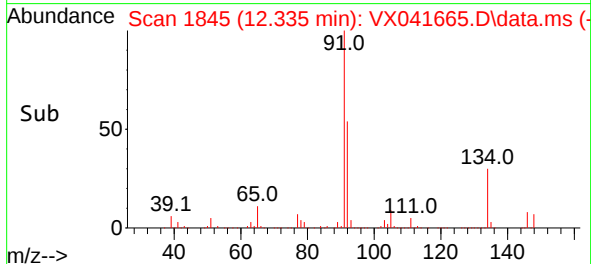
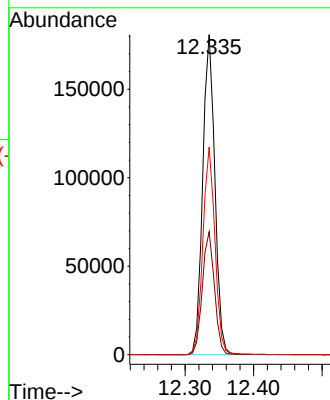
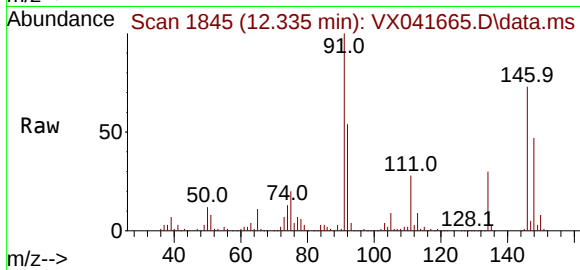
148 64.4 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.724 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX041665.D

Acq: 29 May 2024 10:42

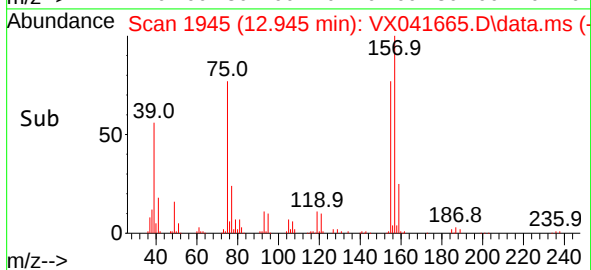
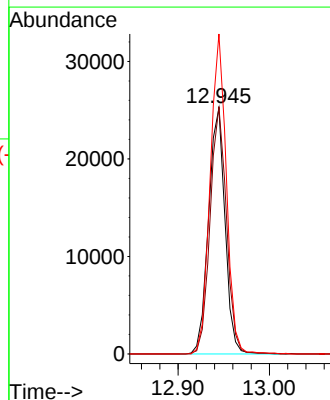
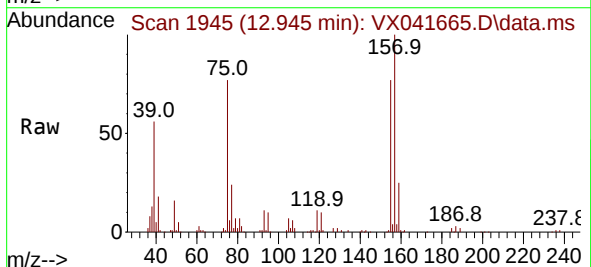
Tgt Ion: 75 Resp: 31559

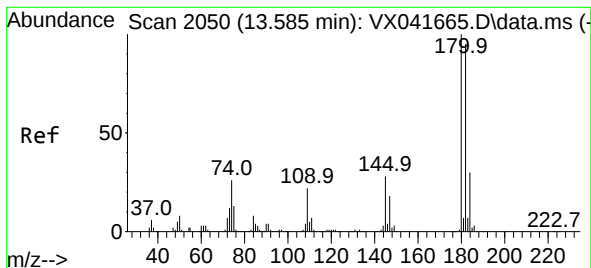
Ion Ratio Lower Upper

75 100

155 99.9 36.1 108.5

157 127.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.401 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041665.D

Acq: 29 May 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 15186

Ion Ratio Lower Upper

180 100

182 96.2 48.3 144.8

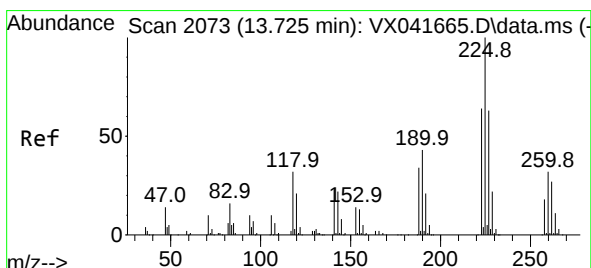
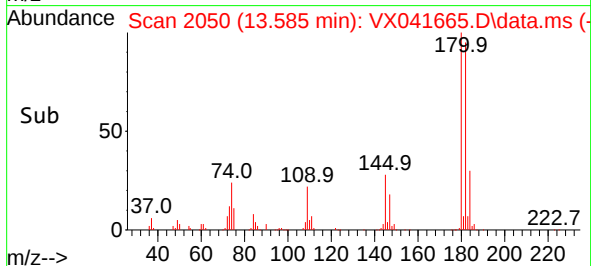
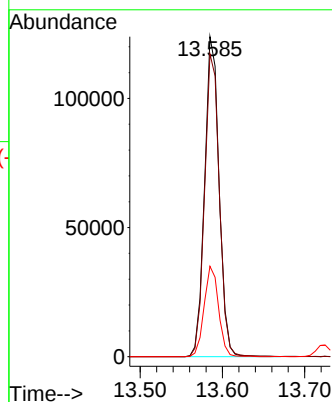
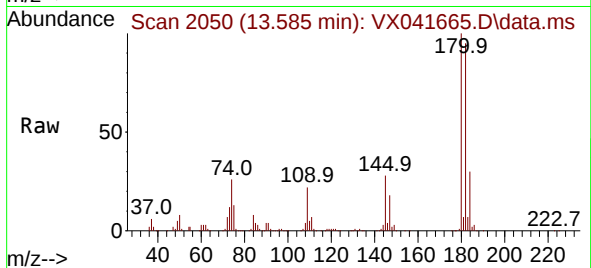
145 28.2 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#94

Hexachlorobutadiene

Concen: 49.165 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX041665.D

Acq: 29 May 2024 10:42

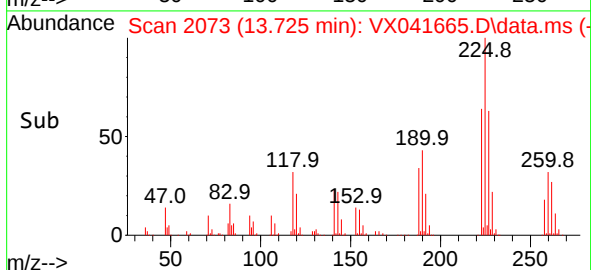
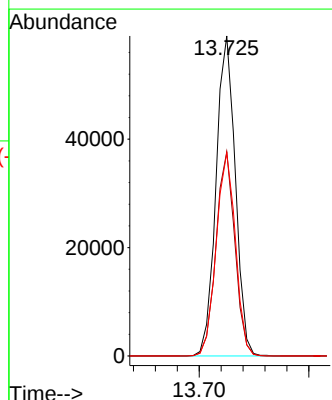
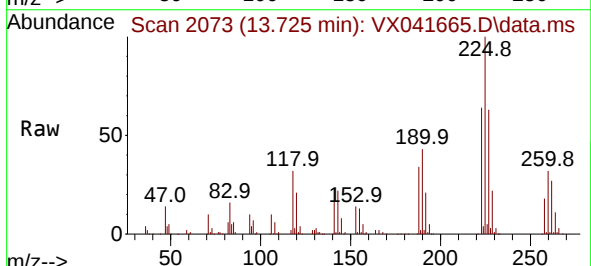
Tgt Ion:225 Resp: 71967

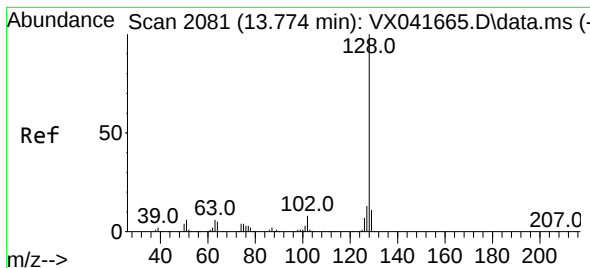
Ion Ratio Lower Upper

225 100

223 62.4 31.1 93.2

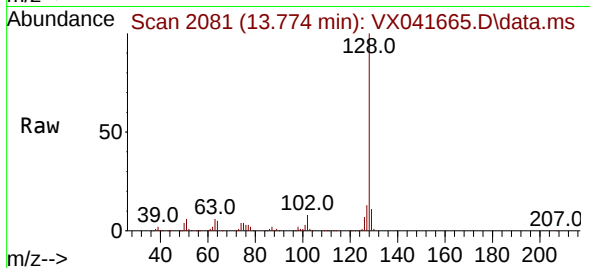
227 63.4 32.5 97.5





#95
Naphthalene
Concen: 53.129 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

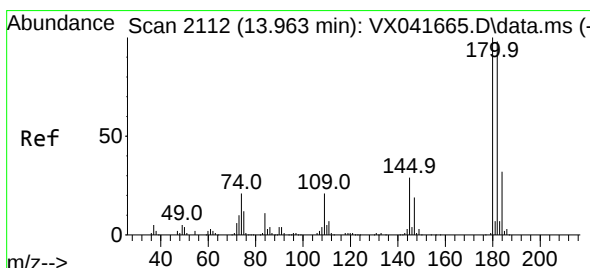
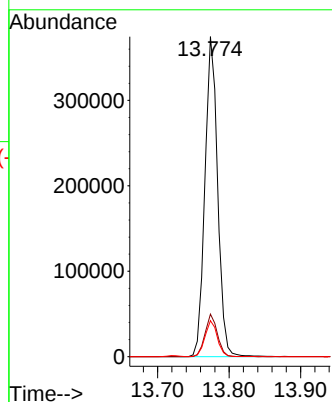
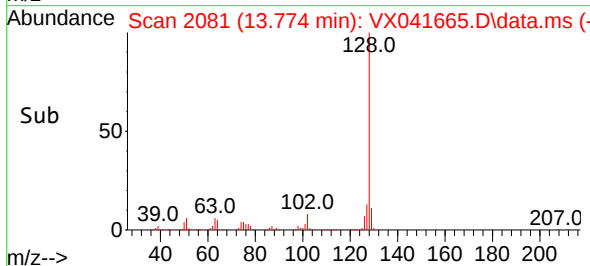
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 46322
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#96
1,2,3-Trichlorobenzene
Concen: 51.615 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041665.D
Acq: 29 May 2024 10:42

Tgt Ion:180 Resp: 156949
Ion Ratio Lower Upper
180 100
182 96.5 46.9 140.6
145 29.6 17.8 53.5

