

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
 Data File : VX041311.D
 Acq On : 30 Apr 2024 19:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/01/2024
 Supervised By : Semsettin Yesilyurt 05/01/2024

Quant Time: May 01 02:51:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	230571	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	331746	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	294971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	126702	50.477	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.960%			
35) Dibromofluoromethane	5.385	113	106288	47.278	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.560%			
50) Toluene-d8	8.647	98	378078	53.134	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.260%			
62) 4-Bromofluorobenzene	11.079	95	126543	45.941	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.880%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	103002	54.366	ug/l	99
3) Chloromethane	1.294	50	97354	49.658	ug/l	100
4) Vinyl Chloride	1.374	62	98186	52.536	ug/l	98
5) Bromomethane	1.599	94	47543	40.579	ug/l	100
6) Chloroethane	1.666	64	38176	43.994	ug/l	99
7) Trichlorofluoromethane	1.861	101	147109	45.648	ug/l	99
8) Diethyl Ether	2.136	74	55269	48.657	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.313	101	84818	46.828	ug/l	# 85
10) Methyl Iodide	2.441	142	97694	50.114	ug/l	88
11) Tert butyl alcohol	3.032	59	127579	253.939	ug/l	# 93
12) 1,1-Dichloroethene	2.306	96	83172	46.550	ug/l	87
13) Acrolein	2.239	56	88591	222.275	ug/l	99
14) Allyl chloride	2.660	41	141618	47.177	ug/l	97
15) Acrylonitrile	3.075	53	283080	246.880	ug/l	99
16) Acetone	2.398	43	226664	204.346	ug/l	95
17) Carbon Disulfide	2.502	76	195591	46.568	ug/l	99
18) Methyl Acetate	2.709	43	113386	44.152	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	312798	48.024	ug/l	99
20) Methylene Chloride	2.788	84	94925	43.562	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	97484	48.821	ug/l	88
22) Diisopropyl ether	3.764	45	304347	47.839	ug/l	93
23) Vinyl Acetate	3.721	43	1419700	249.467	ug/l	97
24) 1,1-Dichloroethane	3.605	63	173001	48.134	ug/l	96
25) 2-Butanone	4.568	43	404300	248.862	ug/l	97
26) 2,2-Dichloropropane	4.471	77	130646	43.475	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	118186	49.990	ug/l	89
28) Bromochloromethane	4.904	49	55268	43.087	ug/l	# 77
29) Tetrahydrofuran	5.013	42	263178	247.702	ug/l	95
30) Chloroform	5.093	83	181045	48.417	ug/l	97
31) Cyclohexane	5.464	56	149546	49.364	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	164956	48.488	ug/l	97
36) 1,1-Dichloropropene	5.690	75	126503	47.058	ug/l	96
37) Ethyl Acetate	4.721	43	154966	46.200	ug/l	98
38) Carbon Tetrachloride	5.672	117	142978	46.427	ug/l	98
39) Methylcyclohexane	7.379	83	156481	49.548	ug/l	91
40) Benzene	6.038	78	388360	46.863	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	81244	47.061	ug/l	94
42) 1,2-Dichloroethane	6.086	62	140883	46.387	ug/l	96
43) Isopropyl Acetate	6.348	43	242226	48.030	ug/l	97
44) Trichloroethene	7.123	130	113356	51.801	ug/l	86
45) 1,2-Dichloropropane	7.428	63	94130	50.838	ug/l	98
46) Dibromomethane	7.580	93	72128	48.934	ug/l #	77
47) Bromodichloromethane	7.824	83	136069	51.804	ug/l	97
48) Methyl methacrylate	7.696	41	119616	51.740	ug/l	93
49) 1,4-Dioxane	7.671	88	54639	1093.141	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	795898	263.002	ug/l	98
52) Toluene	8.714	92	255833	50.466	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	127613	49.035	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	150529	52.129	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	100561	51.509	ug/l	97
56) Ethyl methacrylate	9.116	69	163765	54.201	ug/l	94
57) 1,3-Dichloropropane	9.305	76	165857	50.904	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	388016	264.853	ug/l	92
59) 2-Hexanone	9.433	43	628132	259.574	ug/l	96
60) Dibromochloromethane	9.519	129	119031	51.791	ug/l	99
61) 1,2-Dibromoethane	9.610	107	109244	50.863	ug/l	99
64) Tetrachloroethene	9.269	164	107473	50.315	ug/l	91
65) Chlorobenzene	10.079	112	296979	49.596	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	105917	50.060	ug/l	98
67) Ethyl Benzene	10.195	91	491053	49.705	ug/l	97
68) m/p-Xylenes	10.299	106	392491	99.208	ug/l	92
69) o-Xylene	10.640	106	192428	50.799	ug/l	92
70) Styrene	10.653	104	323426	52.032	ug/l	96
71) Bromoform	10.799	173	86793	45.837	ug/l #	99
73) Isopropylbenzene	10.963	105	432509	45.352	ug/l	96
74) N-amyl acetate	10.842	43	196260	47.104	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	148271	47.447	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	124058m	48.725	ug/l	
77) Bromobenzene	11.195	156	133287	49.519	ug/l	78
78) n-propylbenzene	11.305	91	491729	49.093	ug/l	95
79) 2-Chlorotoluene	11.366	91	304632	47.195	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	362618	46.643	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	42458	45.423	ug/l	94
82) 4-Chlorotoluene	11.451	91	344596	47.026	ug/l	91
83) tert-Butylbenzene	11.713	119	384702	46.210	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	373290	47.720	ug/l	93
85) sec-Butylbenzene	11.890	105	466739	48.921	ug/l	95
86) p-Isopropyltoluene	12.006	119	429059	50.074	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	246814	50.449	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	248705	49.341	ug/l	95
89) n-Butylbenzene	12.329	91	382152	55.465	ug/l	97
90) Hexachloroethane	12.536	117	72465	50.571	ug/l #	56
91) 1,2-Dichlorobenzene	12.335	146	264582	51.201	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39459	54.644	ug/l #	56
93) 1,2,4-Trichlorobenzene	13.585	180	201010	55.649	ug/l	96
94) Hexachlorobutadiene	13.725	225	81721	45.305	ug/l	99
95) Naphthalene	13.774	128	629259	58.786	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	201925	54.698	ug/l	96

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

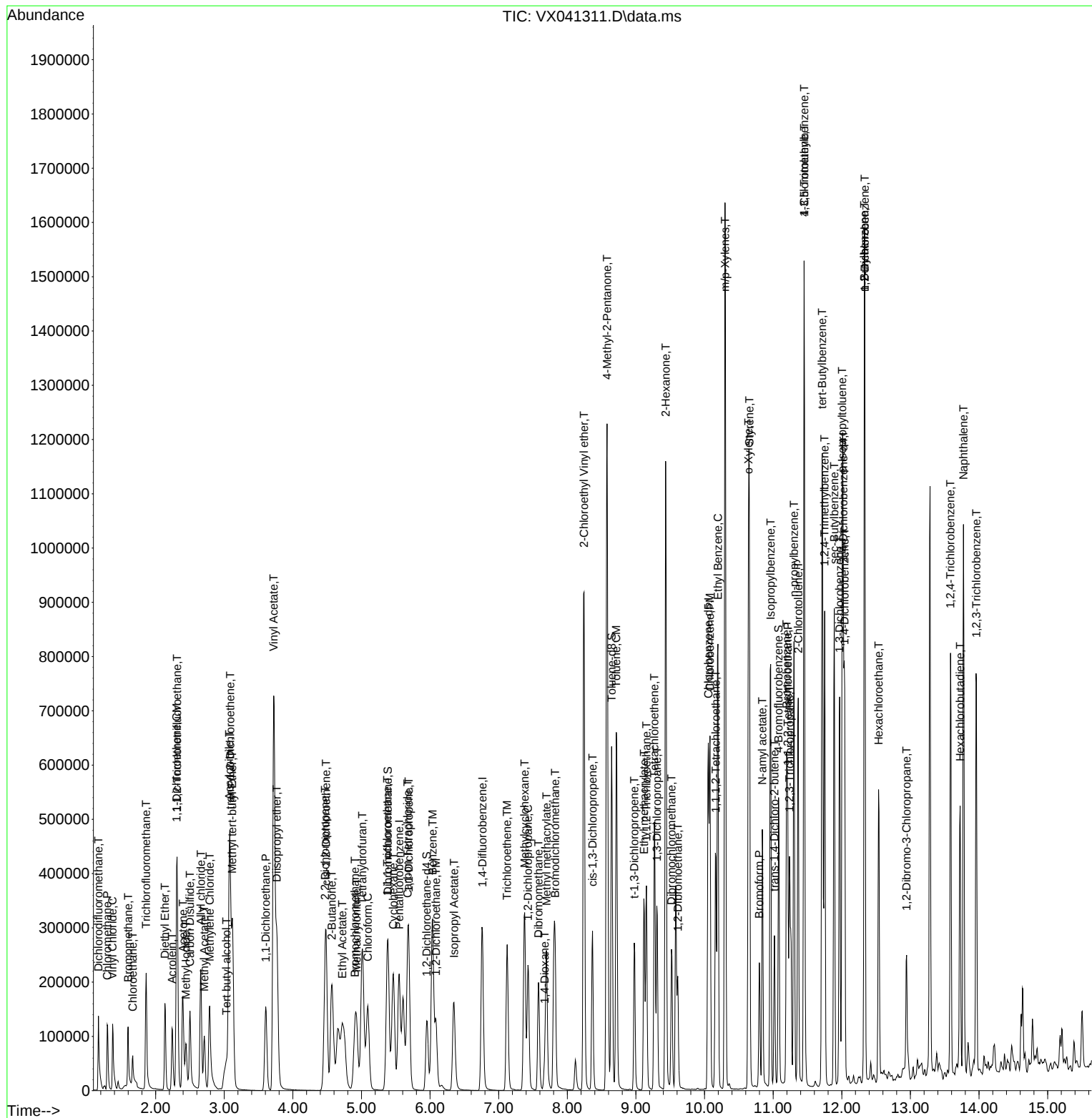
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
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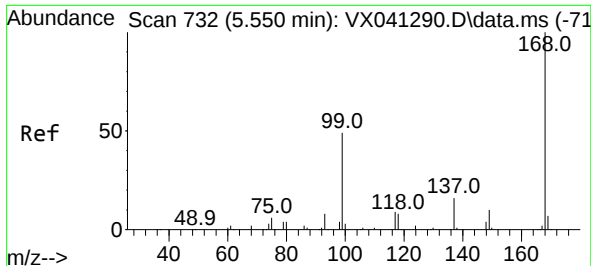
Instrument :
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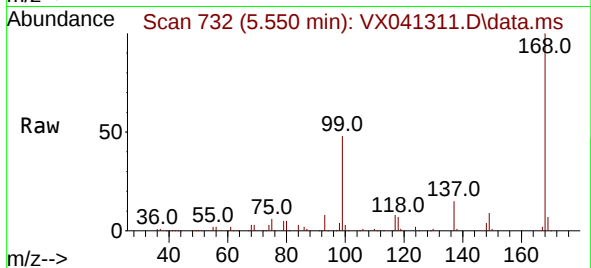
Reviewed By : John Carlone 05/01/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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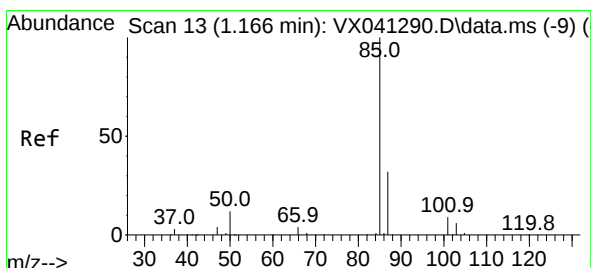
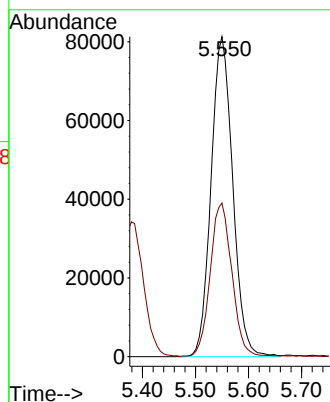
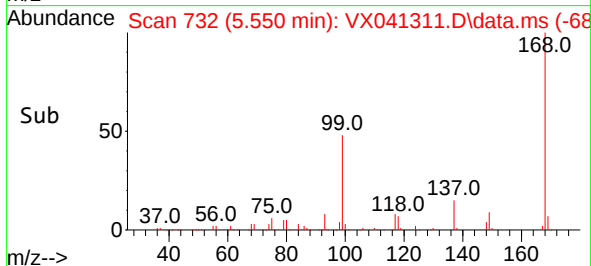
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 23057
Ion Ratio Lower Upper
168 100
99 47.9 56.6 85.0

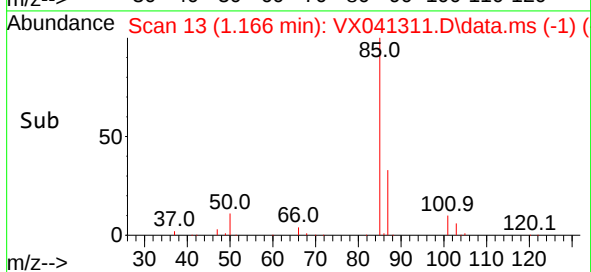
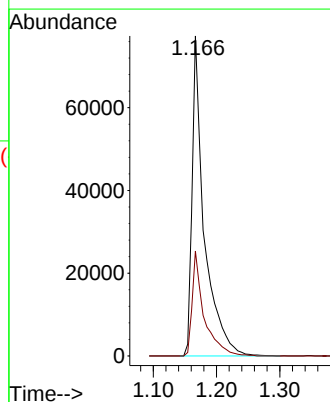
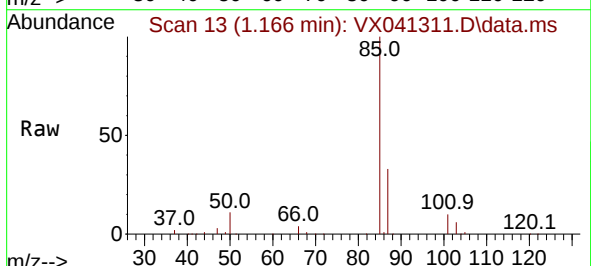
Manual Integrations
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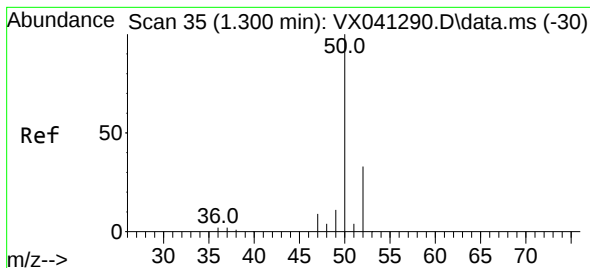
Reviewed By :John Carlone 05/01/2024
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#2
Dichlorodifluoromethane
Concen: 54.366 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

Tgt Ion: 85 Resp: 103002
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





#3

Chloromethane

Concen: 49.658 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

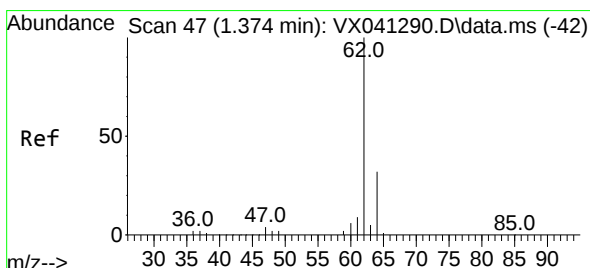
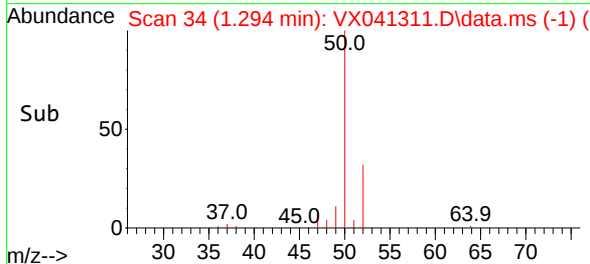
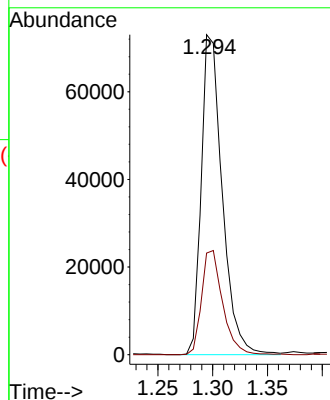
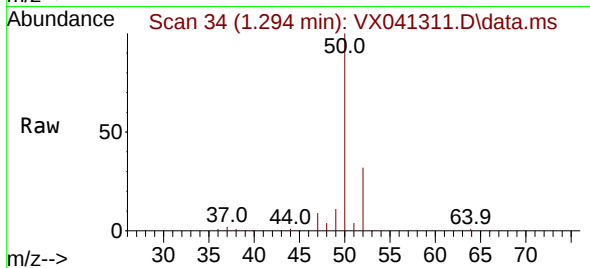
Tgt Ion: 50 Resp: 97354
Ion Ratio Lower Upper
50 100
52 31.7 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 52.536 ug/l

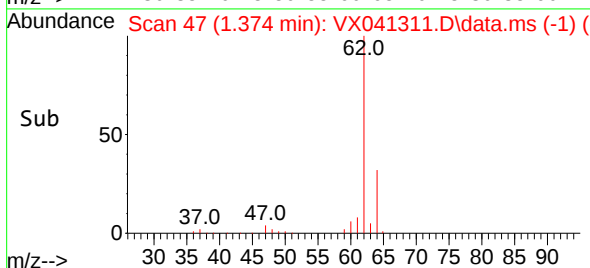
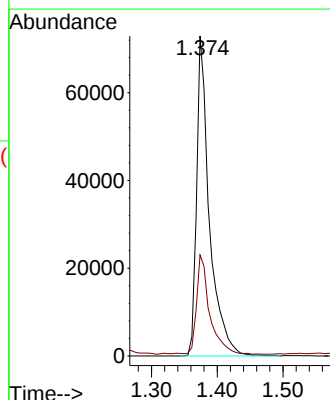
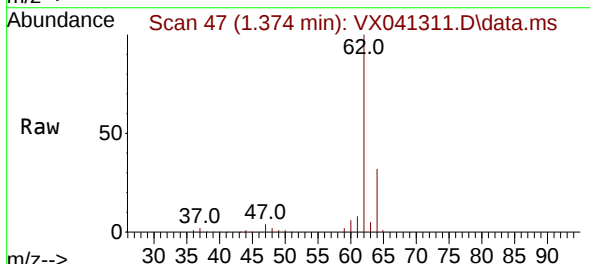
RT: 1.374 min Scan# 47

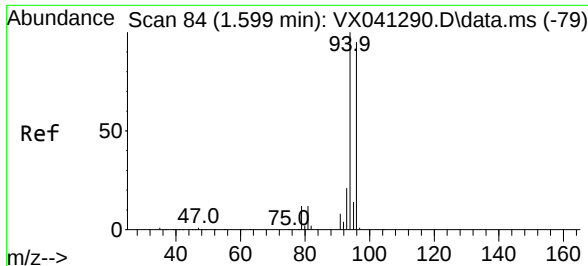
Delta R.T. 0.000 min

Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

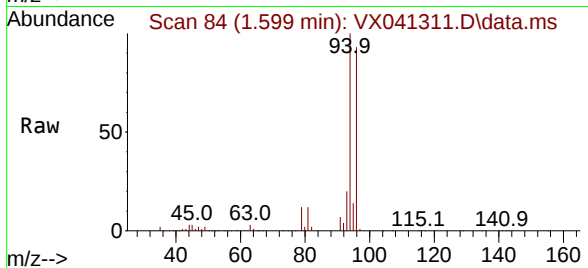
Tgt Ion: 62 Resp: 98186
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.0





#5
Bromomethane
Concen: 40.579 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

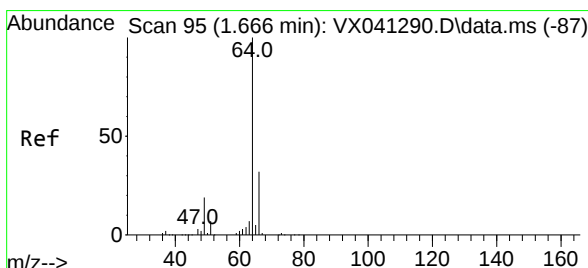
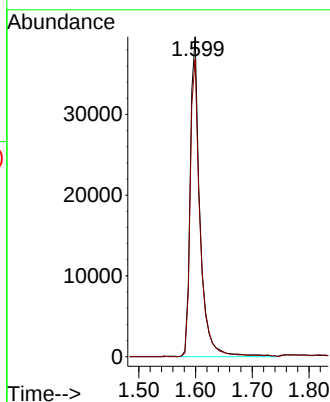
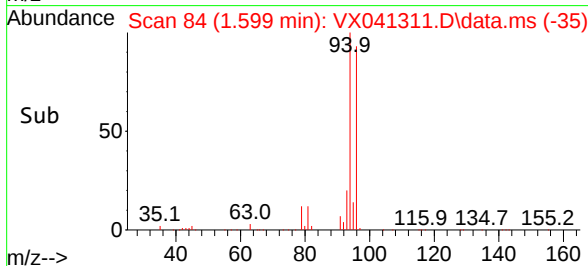
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Tgt Ion: 94 Resp: 4754
Ion Ratio Lower Upper
94 100
96 93.0 74.6 111.8

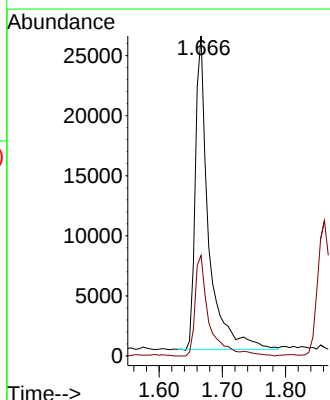
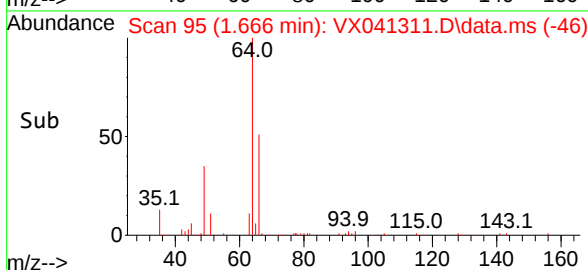
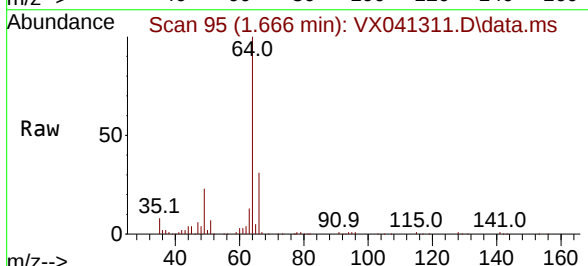
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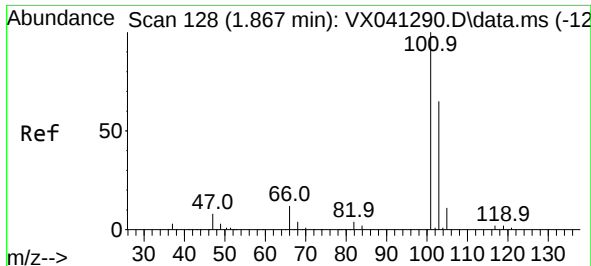
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#6
Chloroethane
Concen: 43.994 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

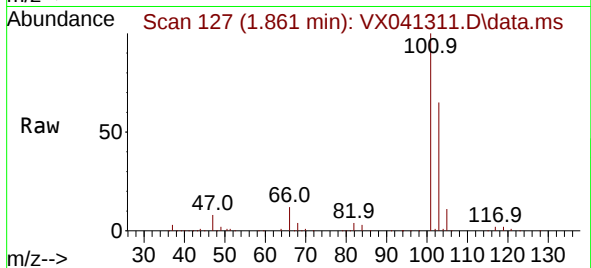
Tgt Ion: 64 Resp: 38176
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 45.648 ug/l
RT: 1.861 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

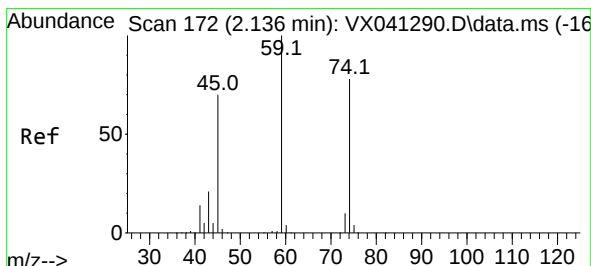
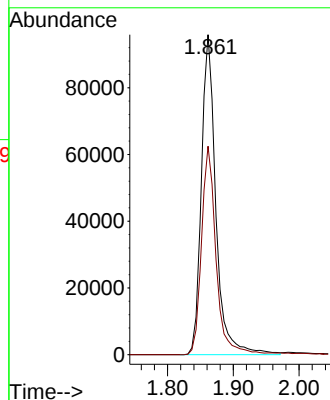
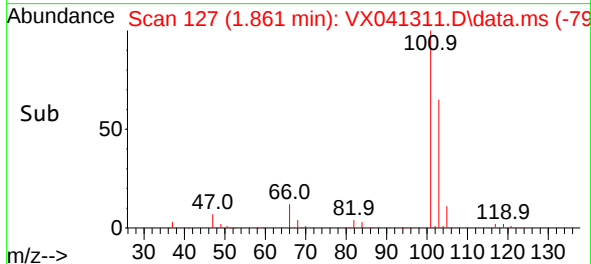
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Tgt Ion:101 Resp: 147109
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2

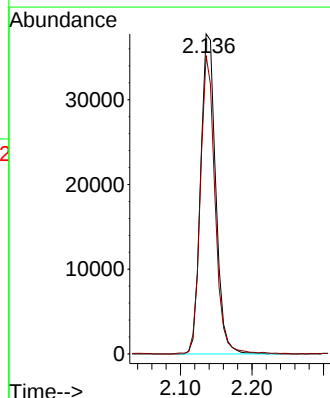
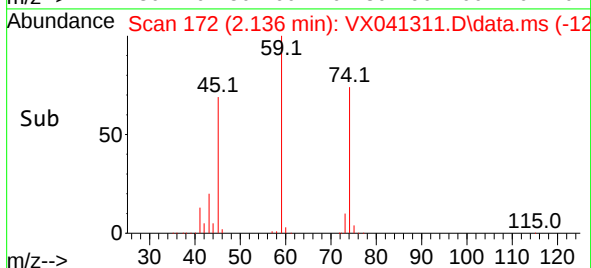
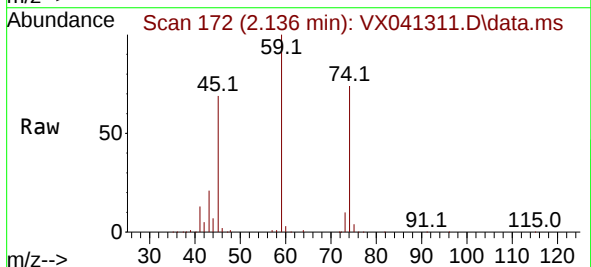
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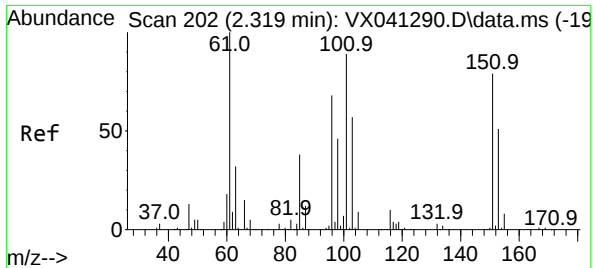
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#8
Diethyl Ether
Concen: 48.657 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

Tgt Ion: 74 Resp: 55269
Ion Ratio Lower Upper
74 100
45 91.2 53.3 159.8





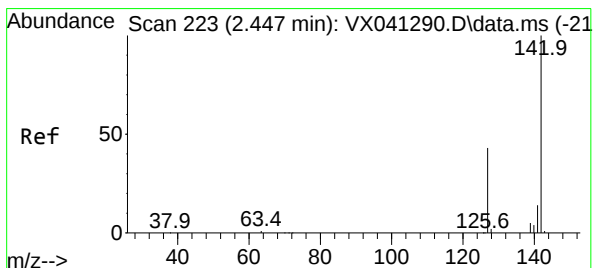
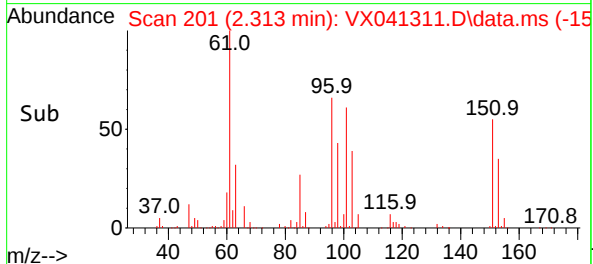
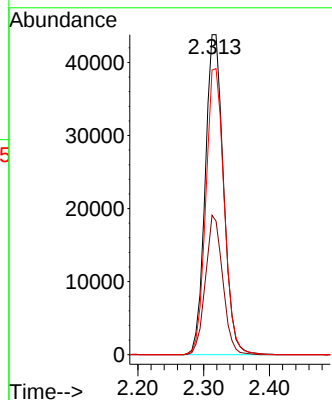
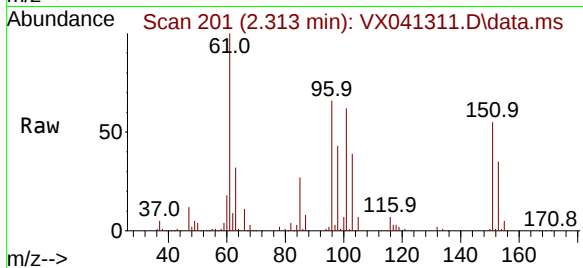
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.828 ug/l
RT: 2.313 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 84818
Ion Ratio Lower Upper
101 100
85 41.1 37.0 55.6
151 89.7 58.6 87.8

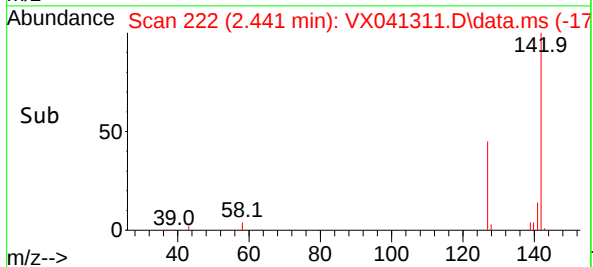
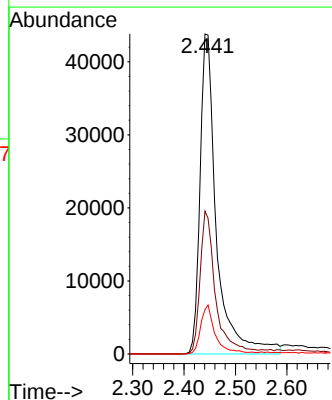
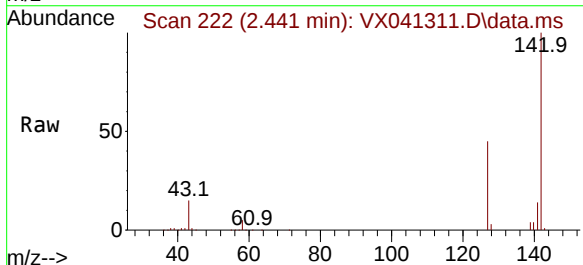
Manual Integrations
APPROVED

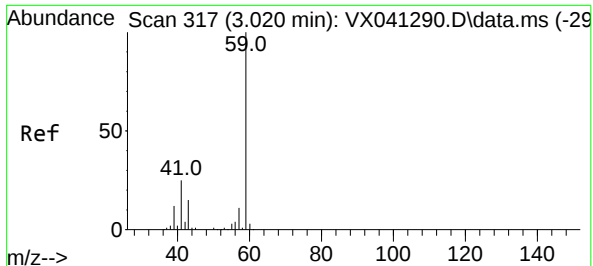
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#10
Methyl Iodide
Concen: 50.114 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

Tgt Ion:142 Resp: 97694
Ion Ratio Lower Upper
142 100
127 41.9 41.6 62.4
141 13.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 253.939 ug/l

RT: 3.032 min Scan# 317

Delta R.T. 0.012 min

Lab File: VX041311.D

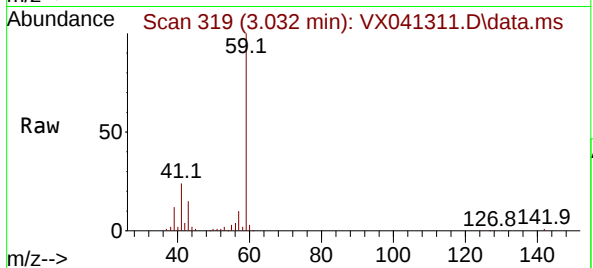
Acq: 30 Apr 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 59 Resp: 127579

Ion Ratio Lower Upper

59 100

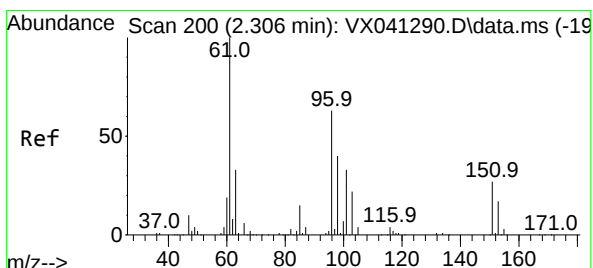
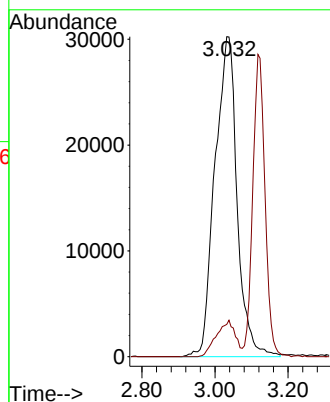
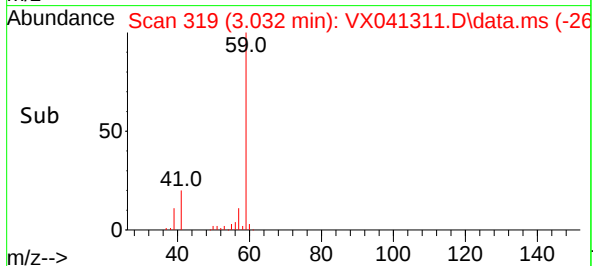
57 9.8 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2024

Supervised By :Semsettin Yesilyurt 05/01/2024



#12

1,1-Dichloroethene

Concen: 46.550 ug/l

RT: 2.306 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

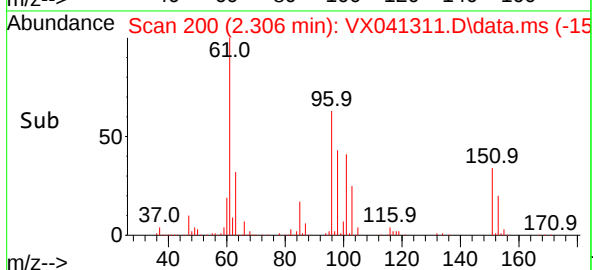
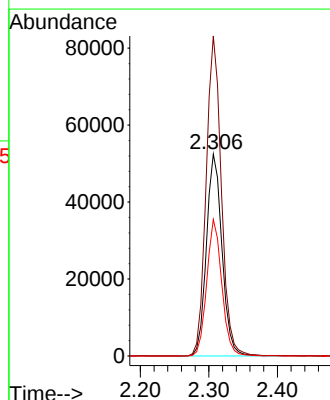
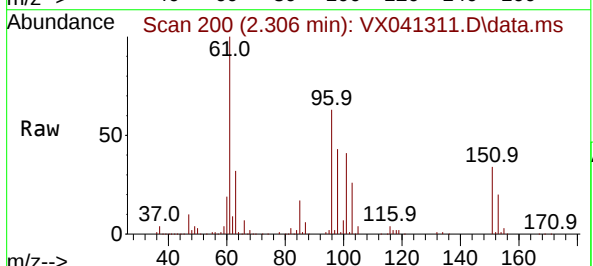
Tgt Ion: 96 Resp: 83172

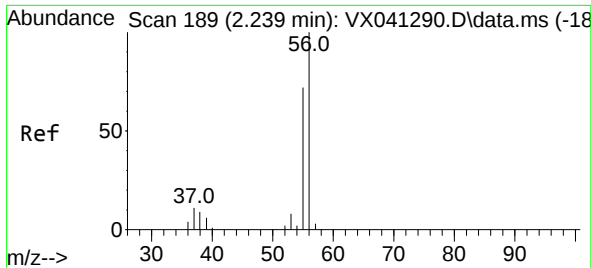
Ion Ratio Lower Upper

96 100

61 158.5 144.6 216.8

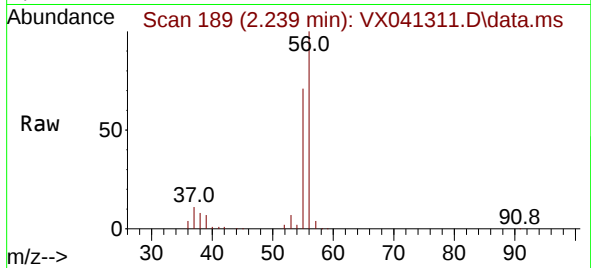
98 67.6 50.4 75.6





#13
Acrolein
Concen: 222.275 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

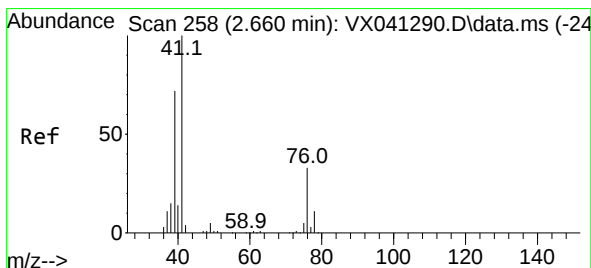
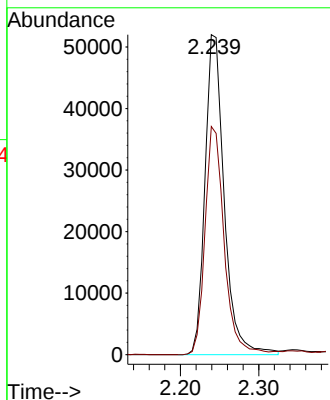
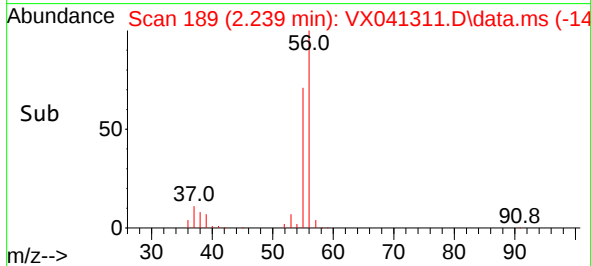
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 8859
Ion Ratio Lower Upper
56 100
55 70.9 57.1 85.7

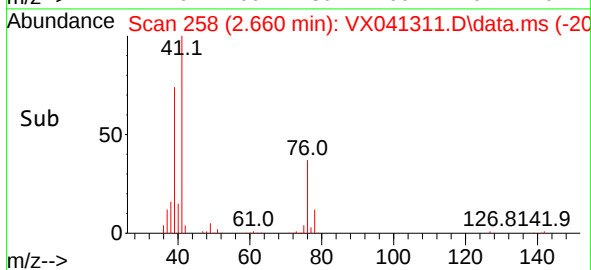
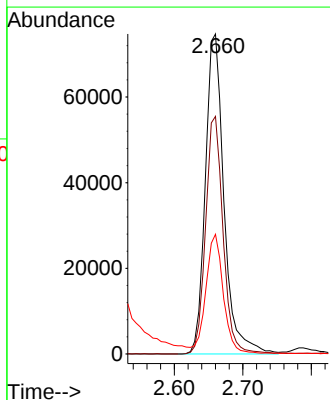
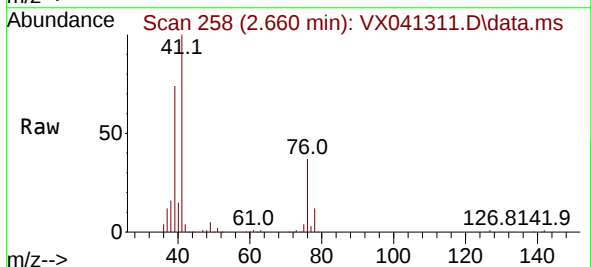
Manual Integrations
APPROVED

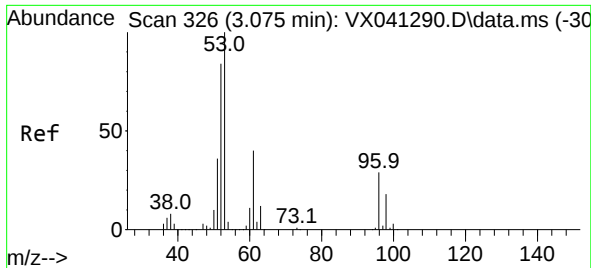
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#14
Allyl chloride
Concen: 47.177 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

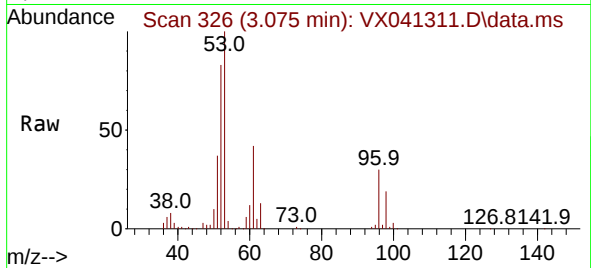
Tgt Ion: 41 Resp: 141618
Ion Ratio Lower Upper
41 100
39 69.7 55.8 83.6
76 35.0 24.3 36.5





#15
Acrylonitrile
Concen: 246.880 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

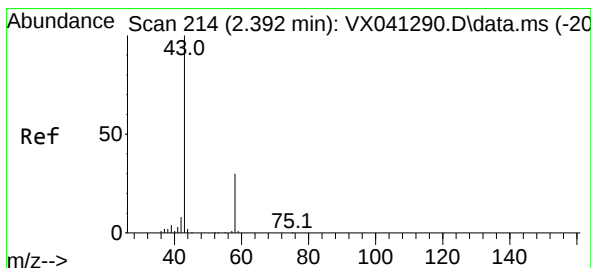
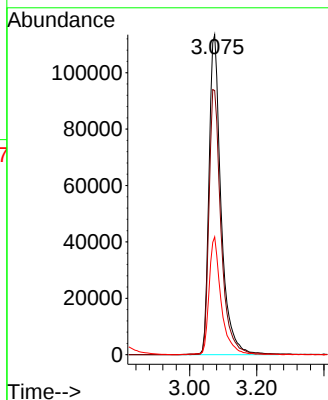
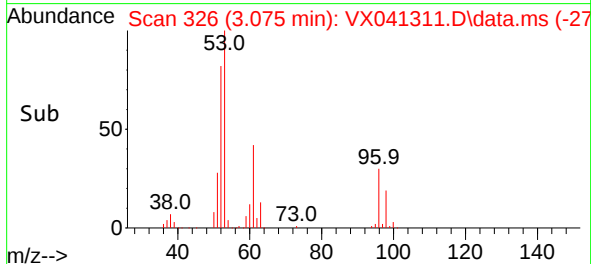
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 283080
Ion Ratio Lower Upper
53 100
52 83.1 66.0 99.0
51 37.0 29.8 44.6

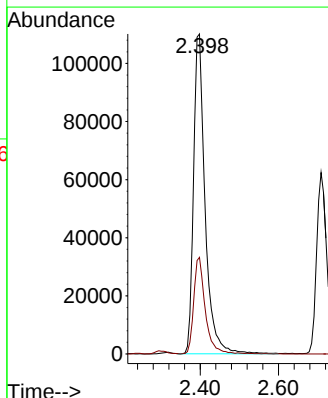
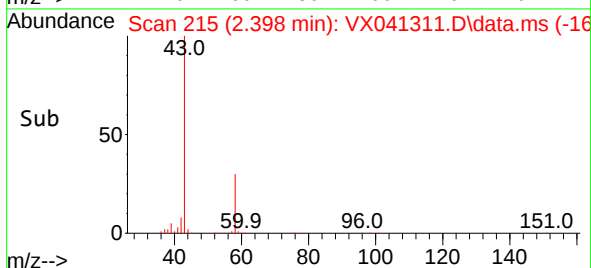
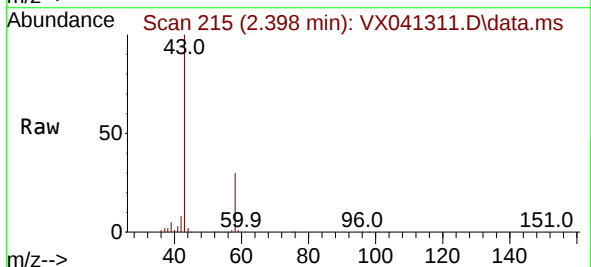
Manual Integrations
APPROVED

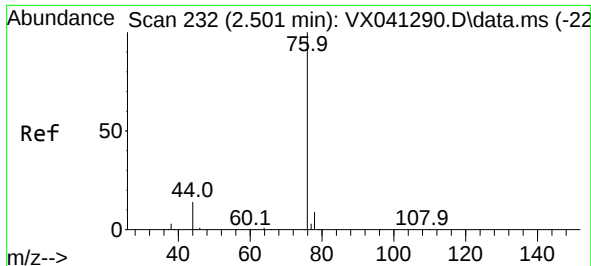
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#16
Acetone
Concen: 204.346 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

Tgt Ion: 43 Resp: 226664
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9





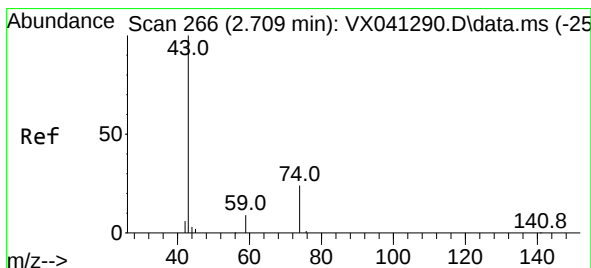
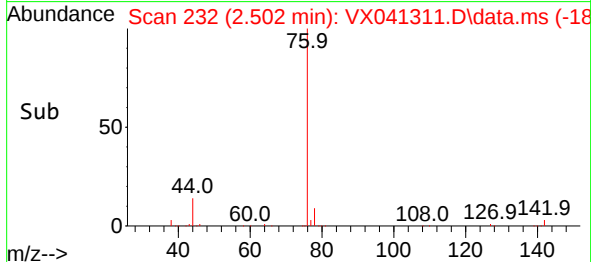
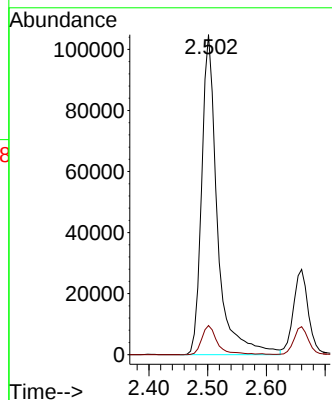
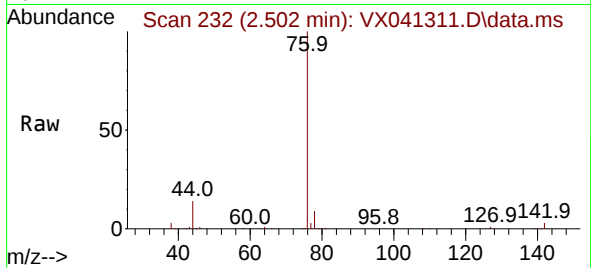
#17
Carbon Disulfide
Concen: 46.568 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 19559
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

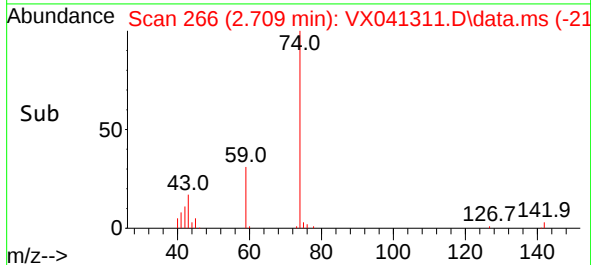
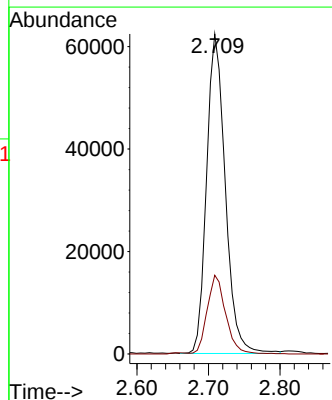
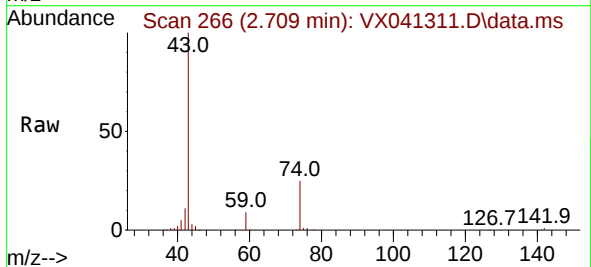
Manual Integrations
APPROVED

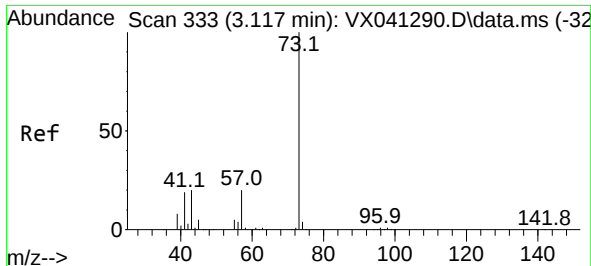
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#18
Methyl Acetate
Concen: 44.152 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

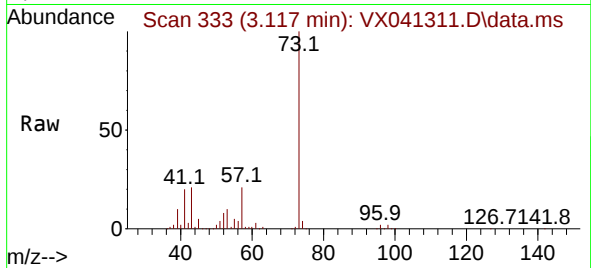
Tgt Ion: 43 Resp: 113386
Ion Ratio Lower Upper
43 100
74 24.4 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 48.024 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

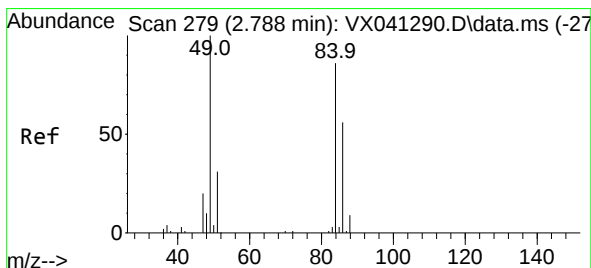
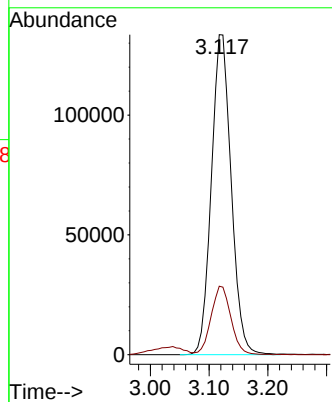
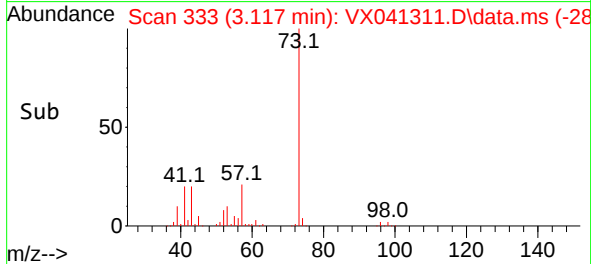
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 312798
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9

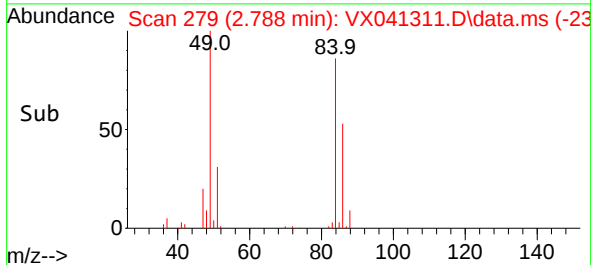
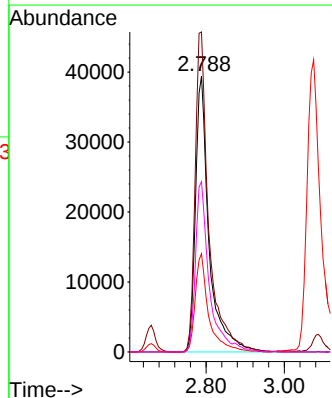
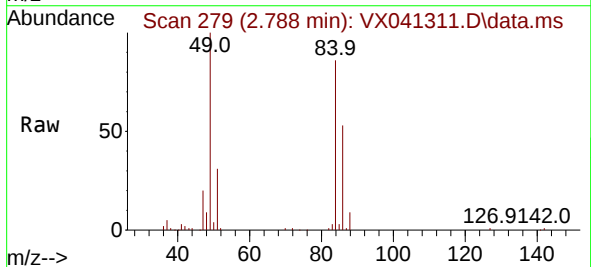
Manual Integrations
APPROVED

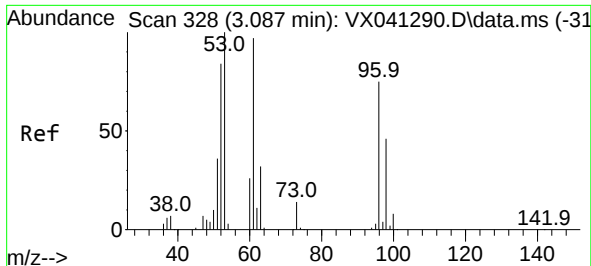
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#20
Methylene Chloride
Concen: 43.562 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

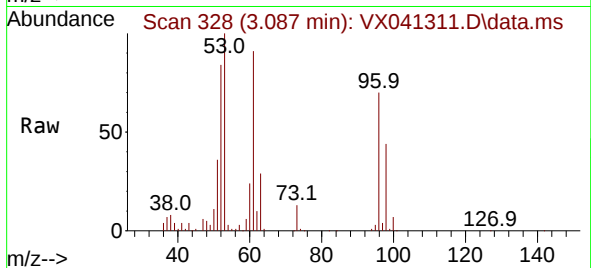
Tgt Ion: 84 Resp: 94925
Ion Ratio Lower Upper
84 100
49 116.1 103.6 155.4
51 35.6 33.8 50.6
86 61.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.821 ug/l
RT: 3.087 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

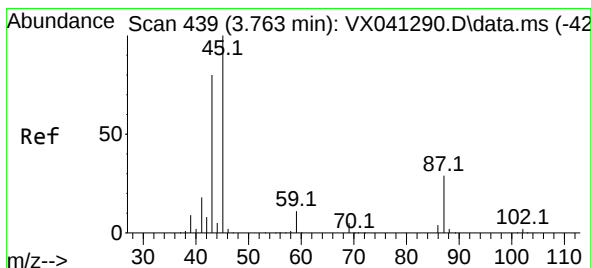
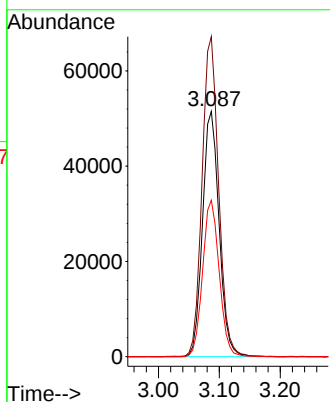
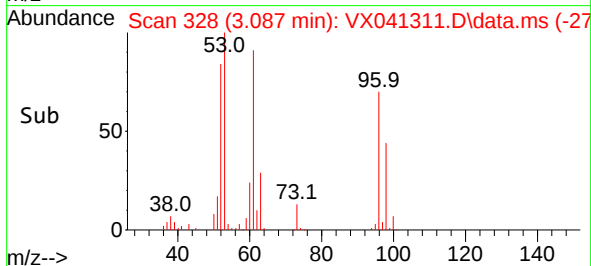
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



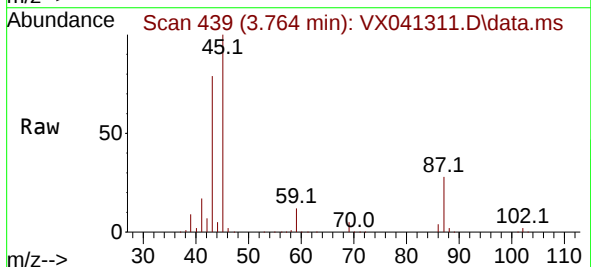
Tgt Ion: 96 Resp: 97484
Ion Ratio Lower Upper
96 100
61 130.4 119.2 178.8
98 63.8 48.7 73.1

Manual Integrations
APPROVED

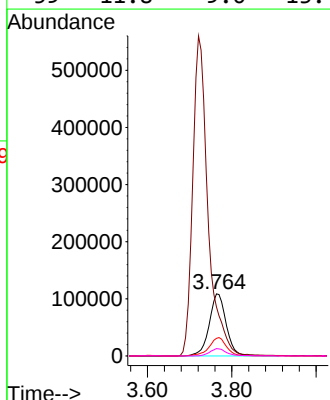
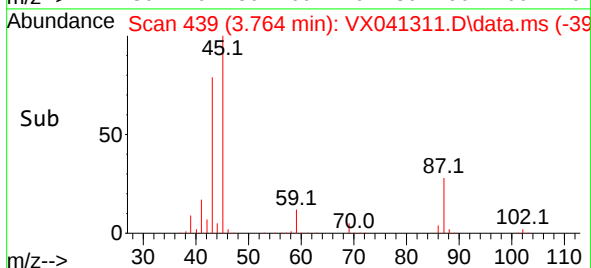
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024

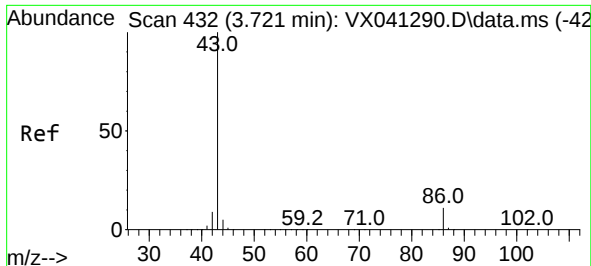


#22
Diisopropyl ether
Concen: 47.839 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44



Tgt Ion: 45 Resp: 304347
Ion Ratio Lower Upper
45 100
43 79.0 69.7 104.5
87 28.5 20.8 31.2
59 11.8 9.0 13.4





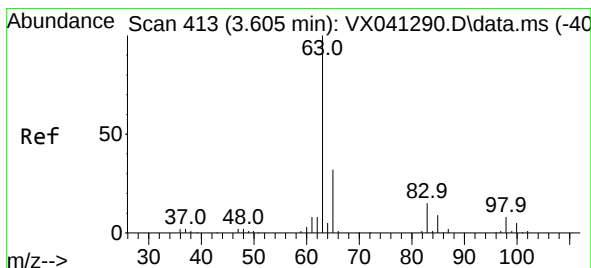
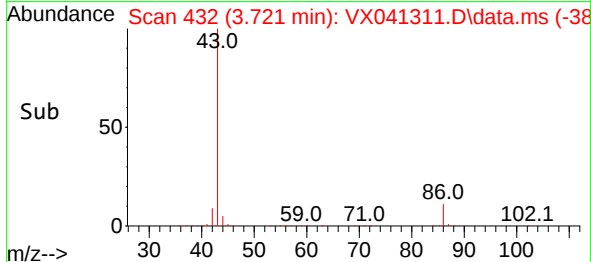
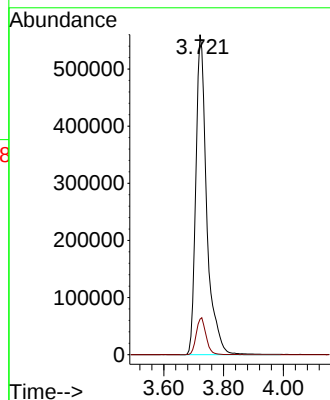
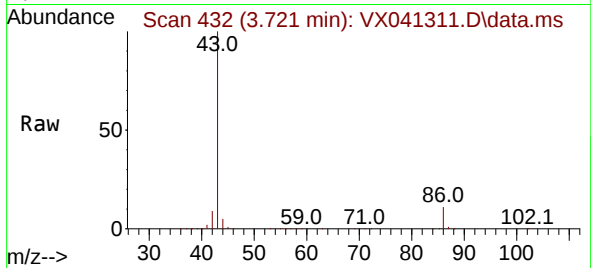
#23
 Vinyl Acetate
 Concen: 249.467 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX041311.D
 Acq: 30 Apr 2024 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1419700
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.8 11.8

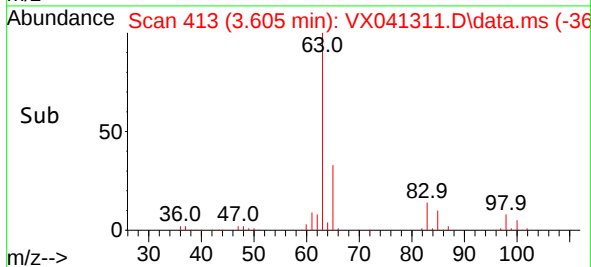
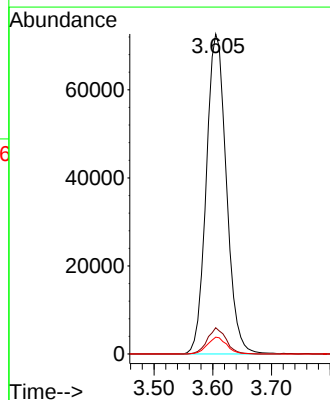
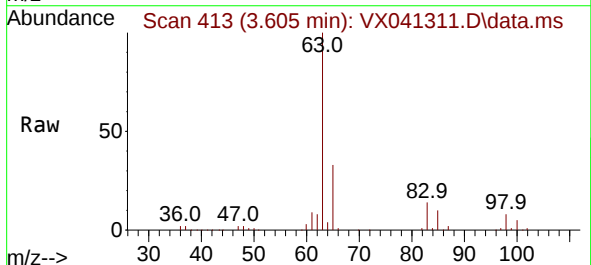
Manual Integrations
 APPROVED

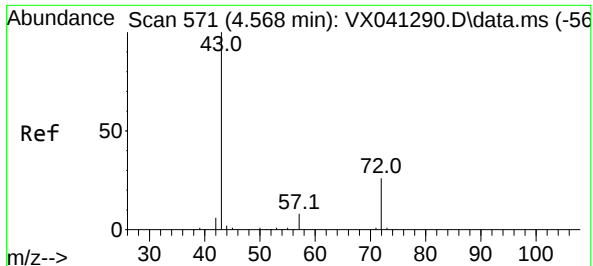
Reviewed By :John Carlone 05/01/2024
 Supervised By :Semsettin Yesilyurt 05/01/2024



#24
 1,1-Dichloroethane
 Concen: 48.134 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041311.D
 Acq: 30 Apr 2024 19:44

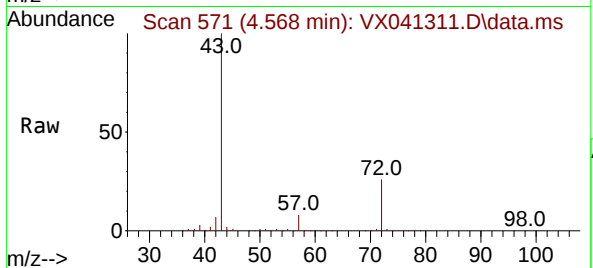
Tgt Ion: 63 Resp: 173001
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.3 9.8
 100 5.2 2.1 6.5





#25
2-Butanone
Concen: 248.862 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

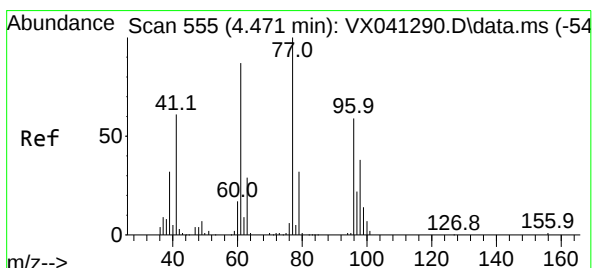
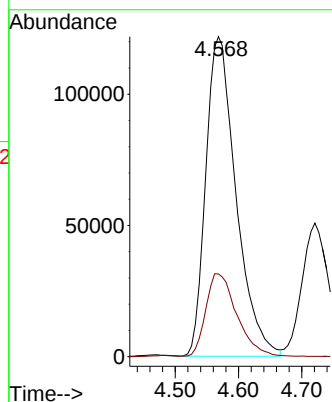
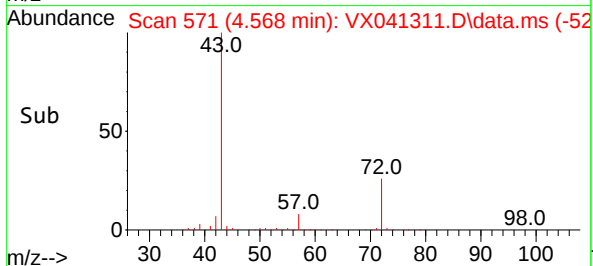
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 404300
Ion Ratio Lower Upper
43 100
72 25.7 19.4 29.2

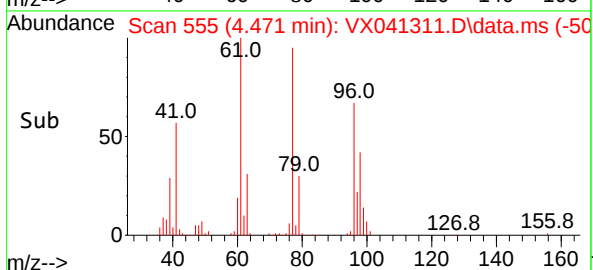
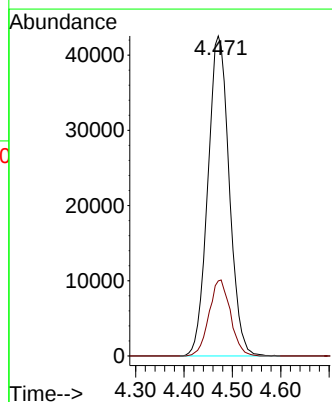
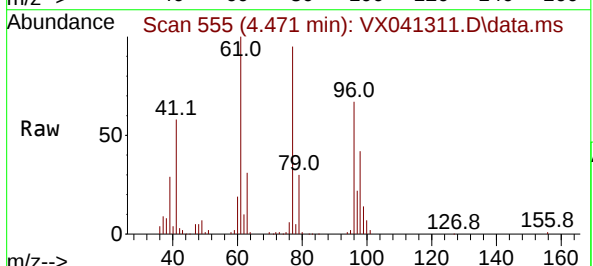
Manual Integrations
APPROVED

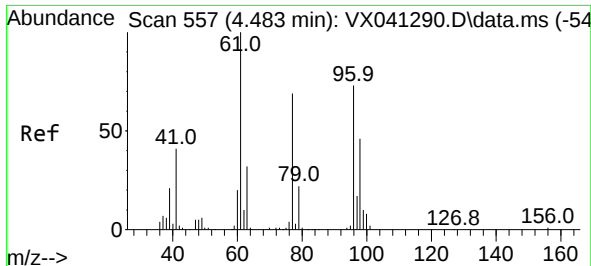
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#26
2,2-Dichloropropane
Concen: 43.475 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

Tgt Ion: 77 Resp: 130646
Ion Ratio Lower Upper
77 100
97 23.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.990 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 11818

Ion Ratio Lower Upper

96 100

61 135.5 0.0 312.2

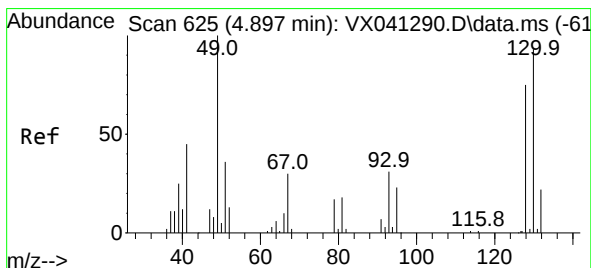
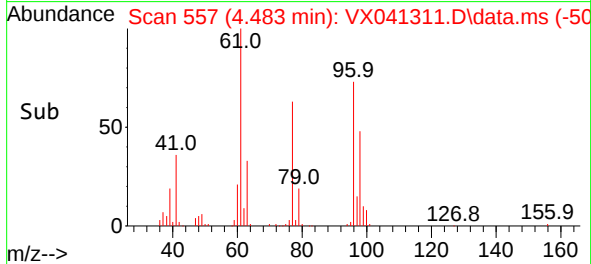
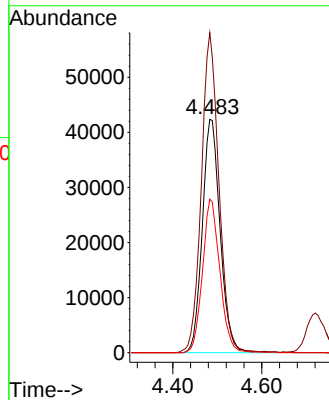
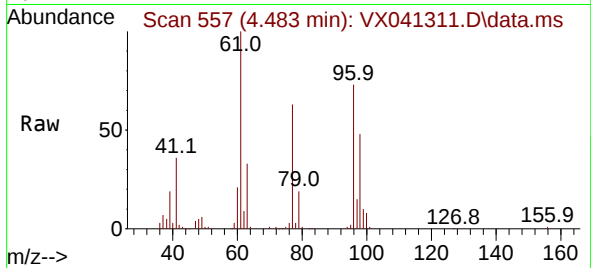
98 64.1 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2024

Supervised By :Semsettin Yesilyurt 05/01/2024



#28

Bromochloromethane

Concen: 43.087 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.007 min

Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

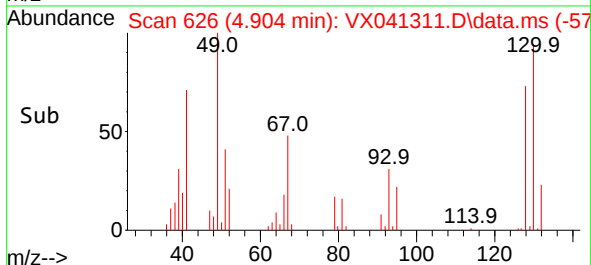
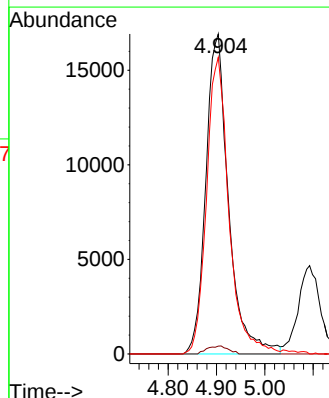
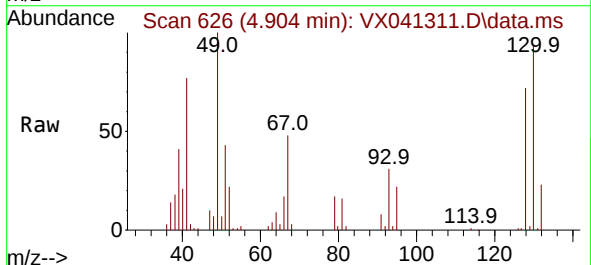
Tgt Ion: 49 Resp: 55268

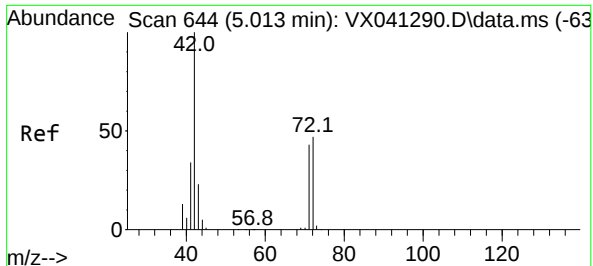
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 91.4 57.5 86.3#





#29

Tetrahydrofuran

Concen: 247.702 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 263178

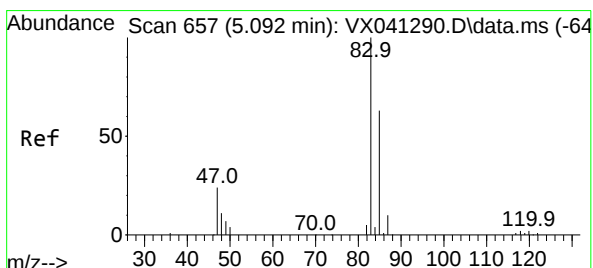
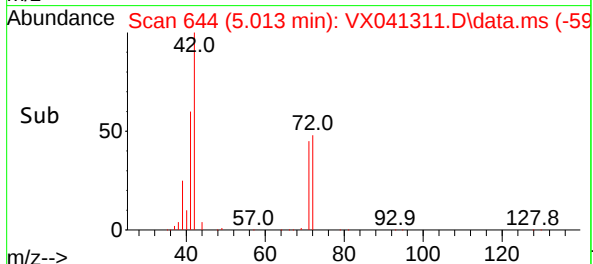
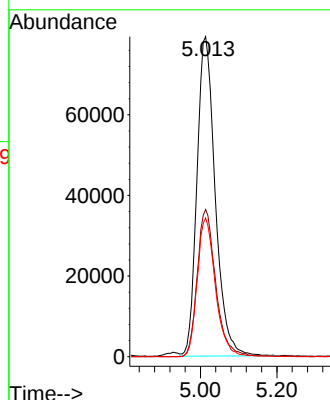
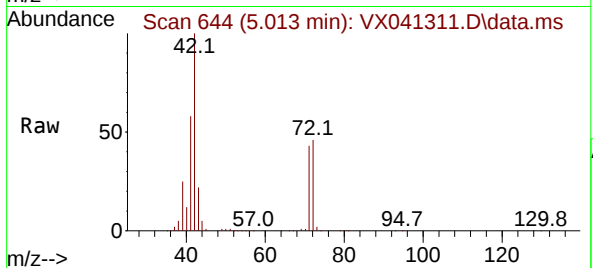
Ion	Ratio	Lower	Upper
42	100		
72	46.6	34.2	51.4
71	43.2	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2024

Supervised By :Semsettin Yesilyurt 05/01/2024



#30

Chloroform

Concen: 48.417 ug/l

RT: 5.093 min Scan# 657

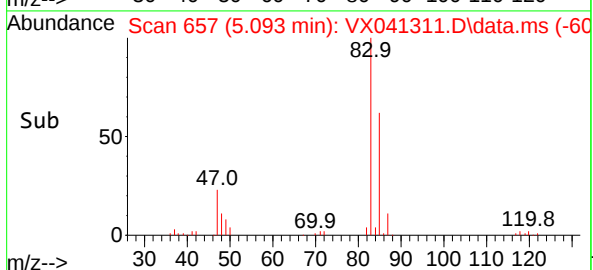
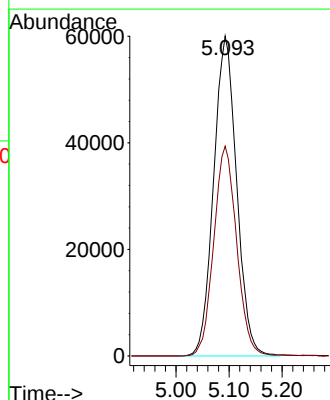
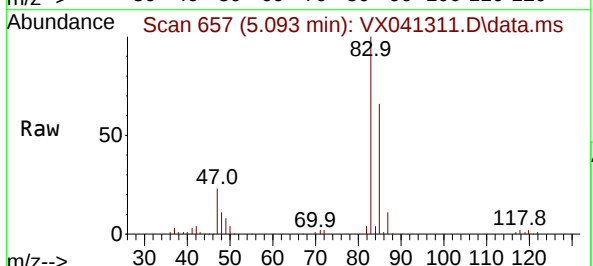
Delta R.T. 0.000 min

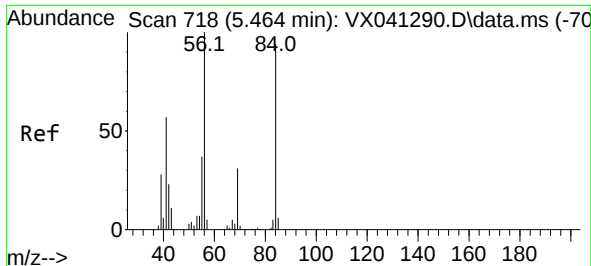
Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

Tgt Ion: 83 Resp: 181045

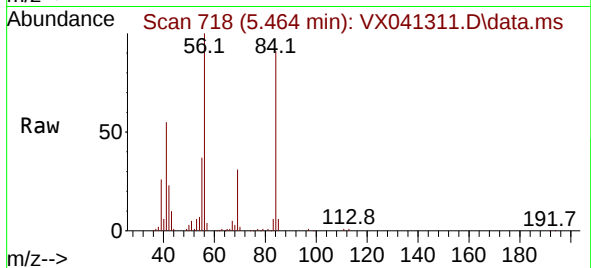
Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.3	75.5





#31
Cyclohexane
Concen: 49.364 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

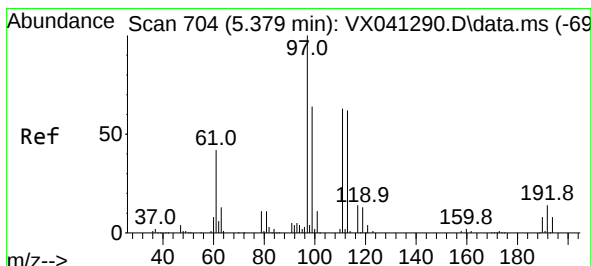
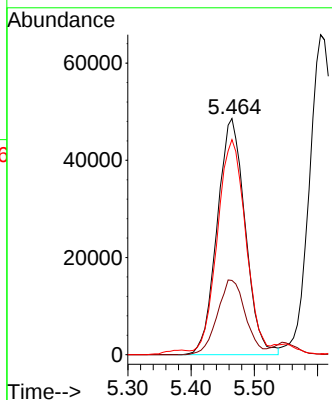
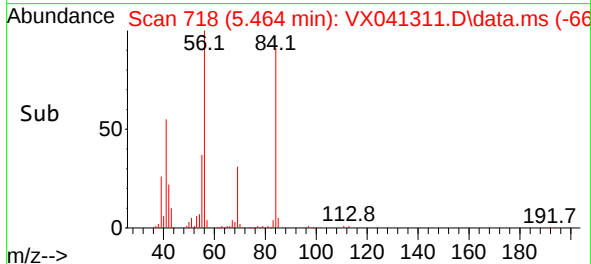
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 149540
Ion Ratio Lower Upper
56 100
69 31.2 23.4 35.2
84 89.2 65.9 98.9

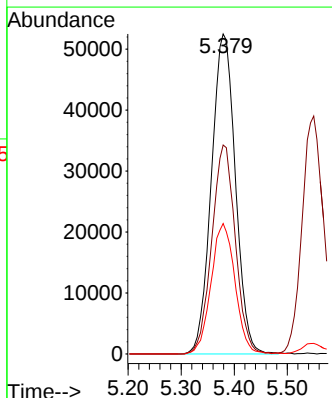
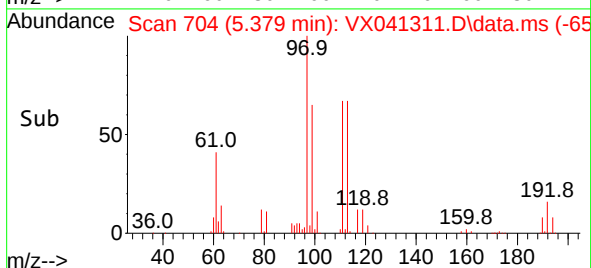
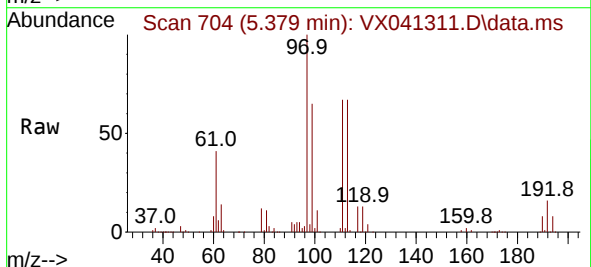
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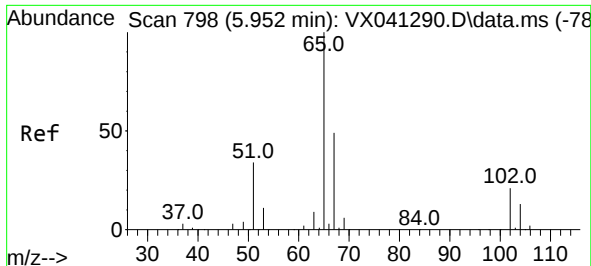
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#32
1,1,1-Trichloroethane
Concen: 48.488 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

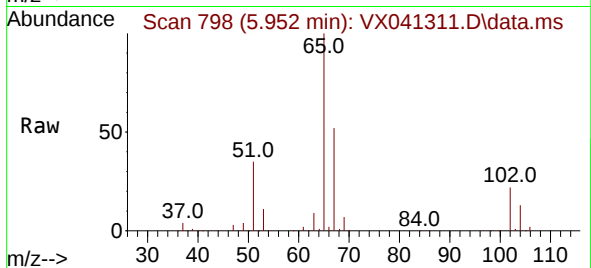
Tgt Ion: 97 Resp: 164956
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 40.7 36.4 54.6





#33
 1,2-Dichloroethane-d4
 Concen: 50.477 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX041311.D
 Acq: 30 Apr 2024 19:44

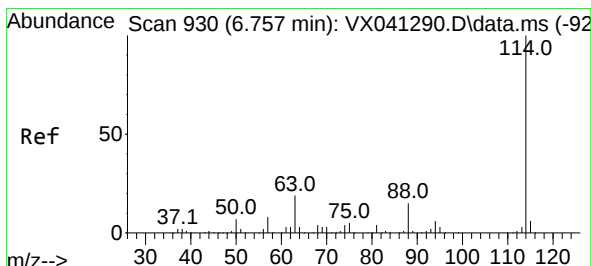
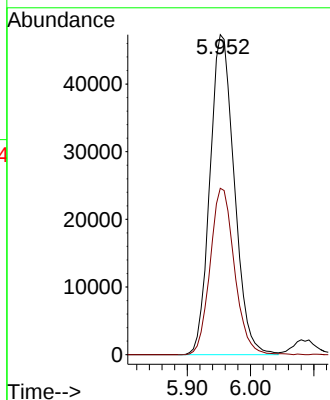
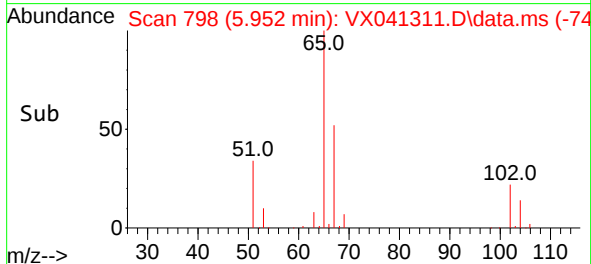
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



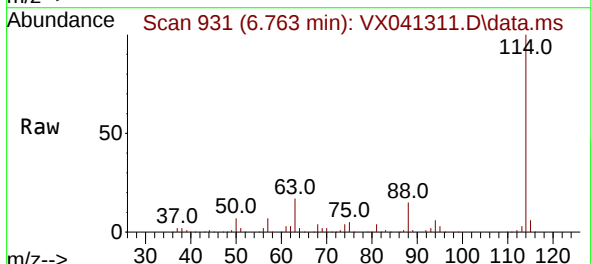
Tgt Ion: 65 Resp: 126702
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 100.2

Manual Integrations
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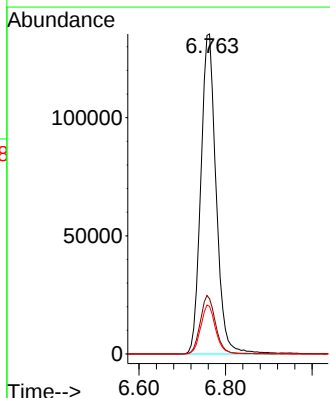
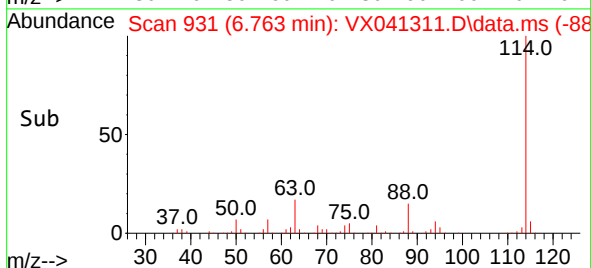
Reviewed By :John Carlone 05/01/2024
 Supervised By :Semsettin Yesilyurt 05/01/2024

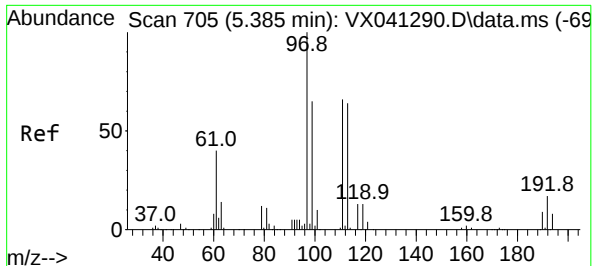


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX041311.D
 Acq: 30 Apr 2024 19:44



Tgt Ion:114 Resp: 331746
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 45.0
 88 14.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.278 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX041311.D

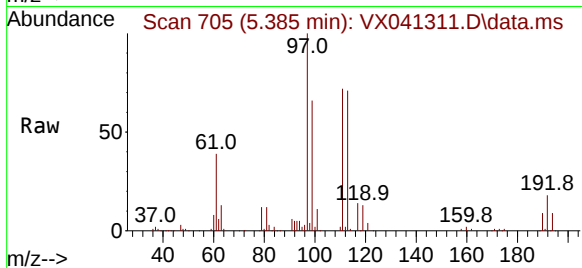
Acq: 30 Apr 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 113 Resp: 10628

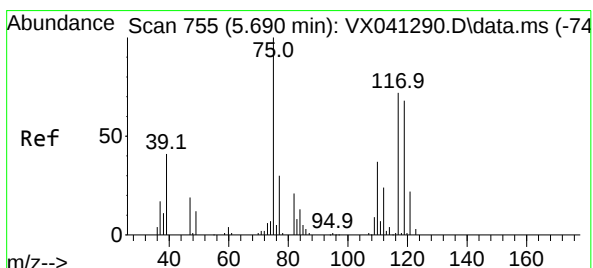
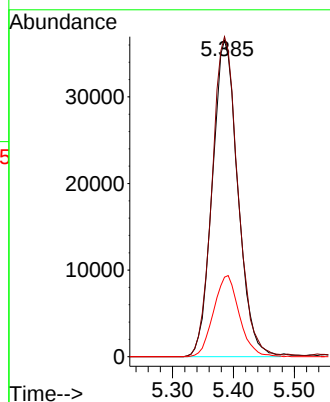
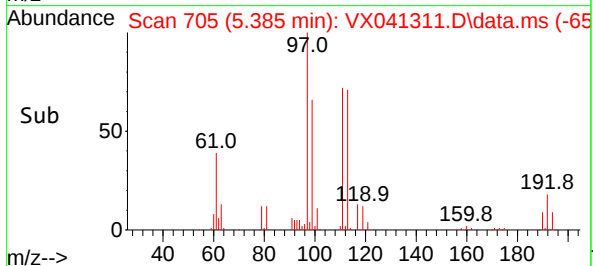
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	25.9	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2024

Supervised By :Semsettin Yesilyurt 05/01/2024



#36

1,1-Dichloropropene

Concen: 47.058 ug/l

RT: 5.690 min Scan# 755

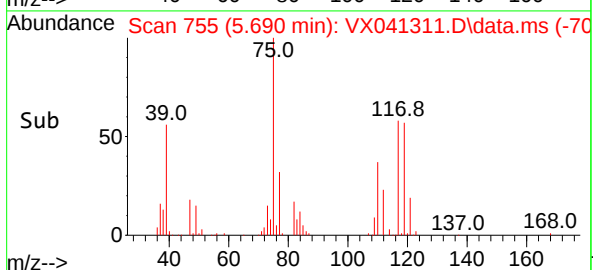
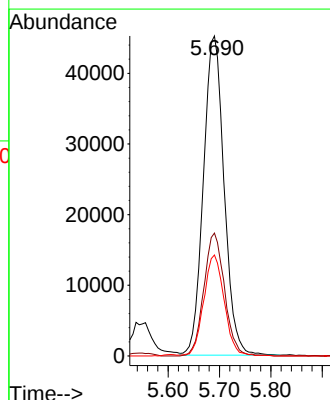
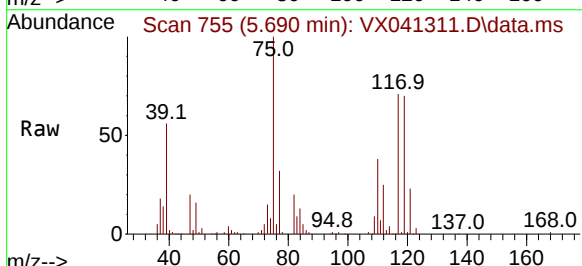
Delta R.T. 0.000 min

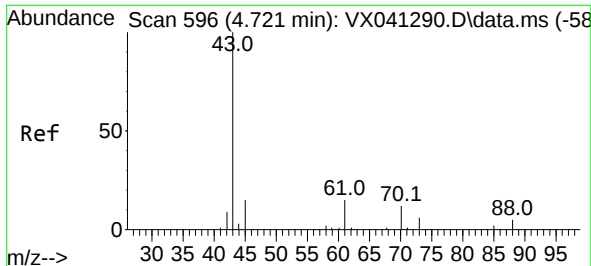
Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

Tgt Ion: 75 Resp: 126503

Ion	Ratio	Lower	Upper
75	100		
110	38.5	17.0	50.9
77	30.7	24.7	37.1





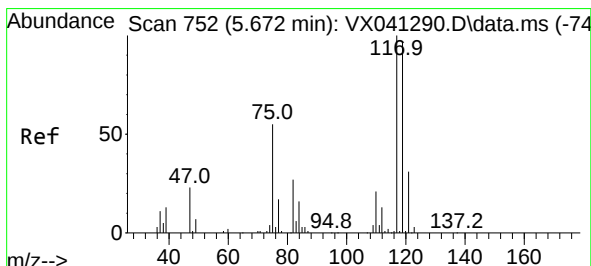
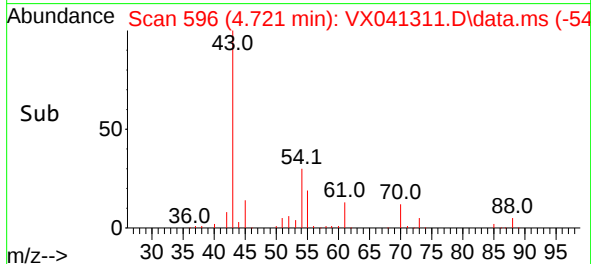
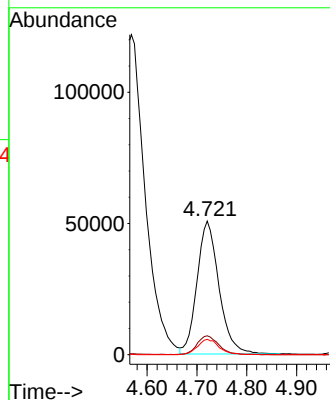
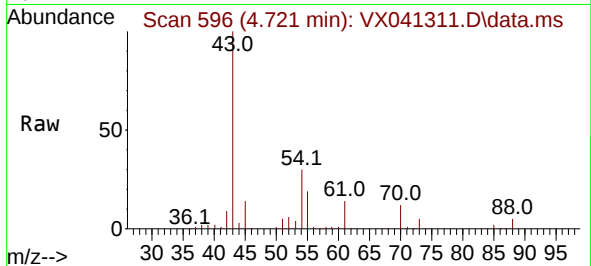
#37
Ethyl Acetate
Concen: 46.200 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 154960
Ion Ratio Lower Upper
43 100
61 14.2 10.6 16.0
70 11.3 8.3 12.5

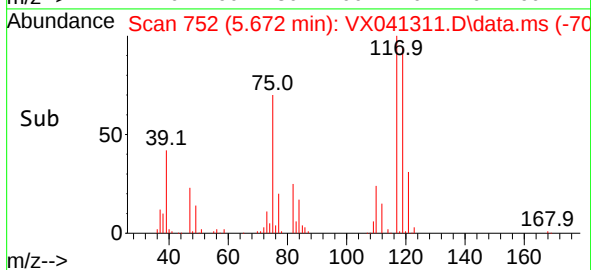
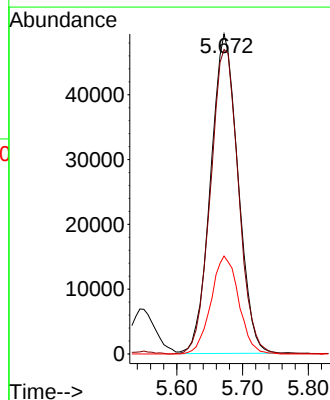
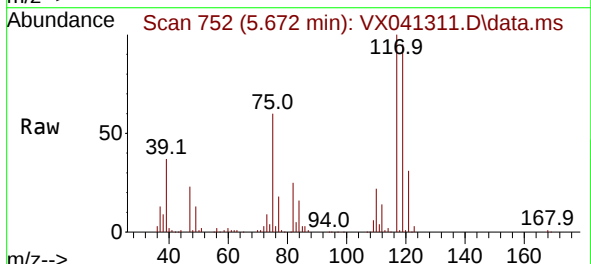
Manual Integrations
APPROVED

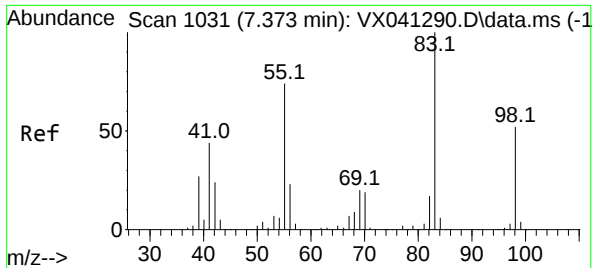
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#38
Carbon Tetrachloride
Concen: 46.427 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

Tgt Ion:117 Resp: 142978
Ion Ratio Lower Upper
117 100
119 95.1 78.2 117.2
121 30.7 24.4 36.6





#39

Methylcyclohexane

Concen: 49.548 ug/l

RT: 7.379 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 15648

Ion Ratio Lower Upper

83 100

55 72.3 64.6 97.0

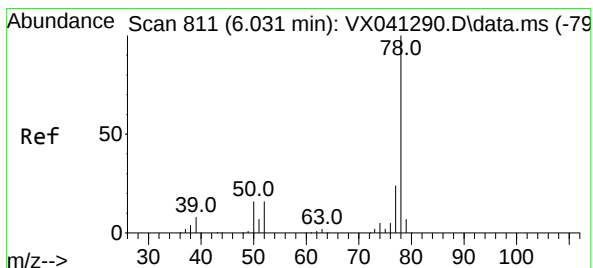
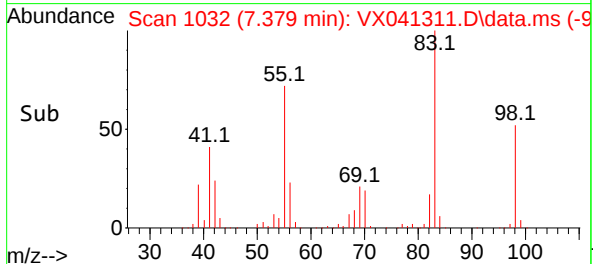
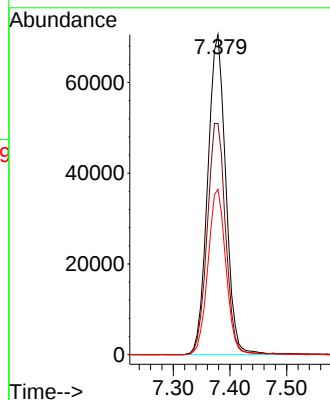
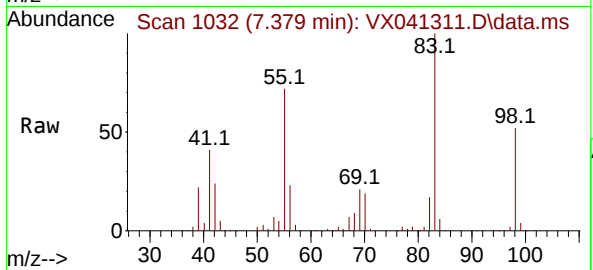
98 51.7 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2024

Supervised By :Semsettin Yesilyurt 05/01/2024



#40

Benzene

Concen: 46.863 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX041311.D

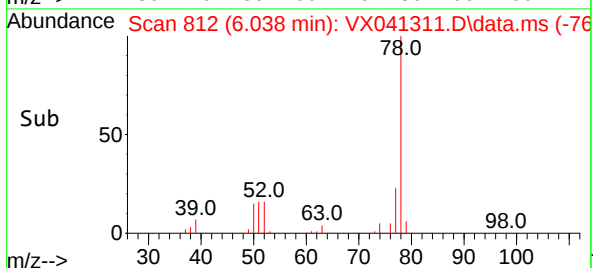
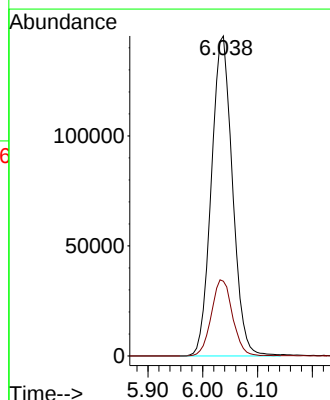
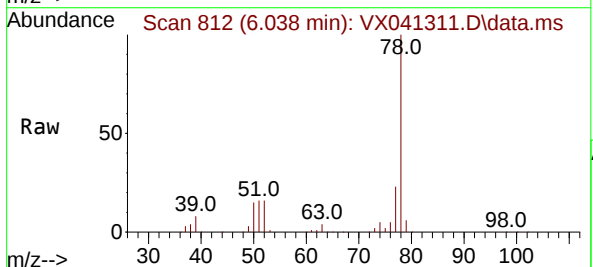
Acq: 30 Apr 2024 19:44

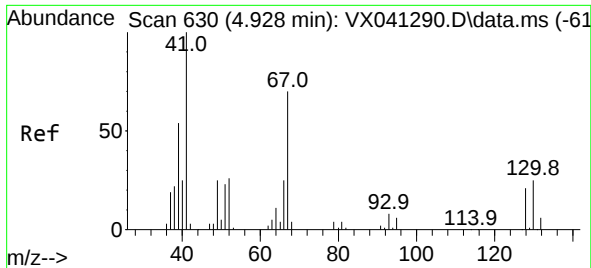
Tgt Ion: 78 Resp: 388360

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9





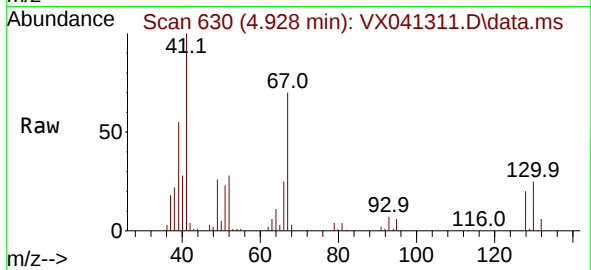
#41
Methacrylonitrile
Concen: 47.061 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



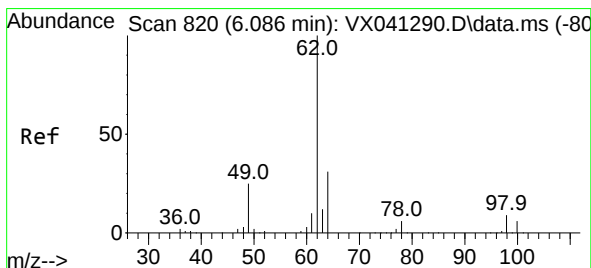
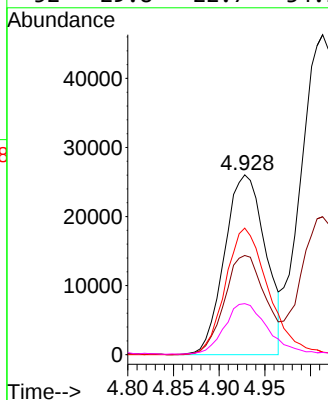
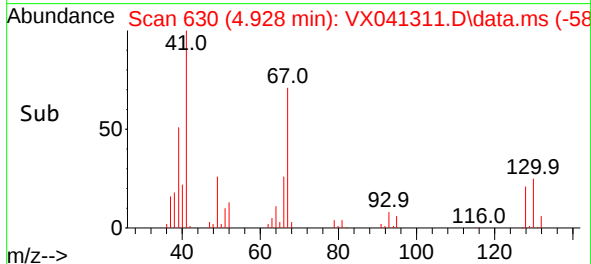
Tgt Ion:	41	Resp:	81244
Ion	Ratio	Lower	Upper
41	100		
39	54.8	45.2	67.8
67	74.3	52.6	78.8
52	29.8	22.7	34.1

Manual Integrations

APPROVED

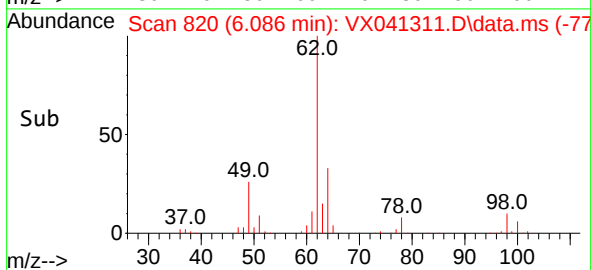
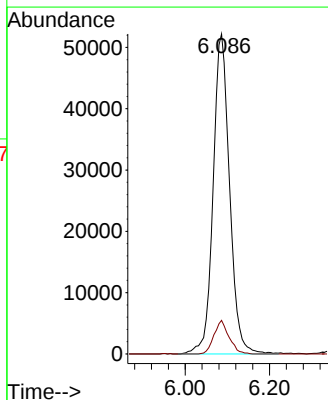
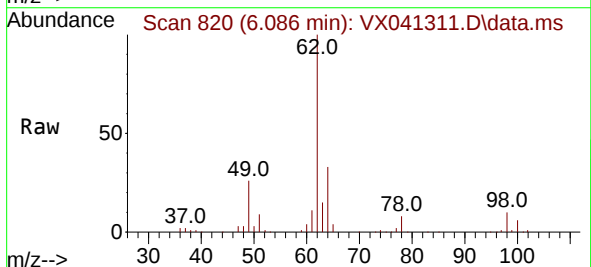
Reviewed By :John Carlone 05/01/2024

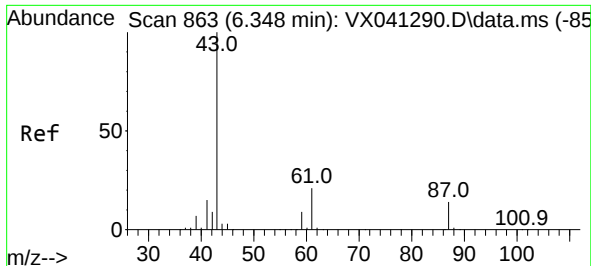
Supervised By :Semsettin Yesilyurt 05/01/2024



#42
1,2-Dichloroethane
Concen: 46.387 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

Tgt Ion:	62	Resp:	140883
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	16.0





#43

Isopropyl Acetate

Concen: 48.030 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

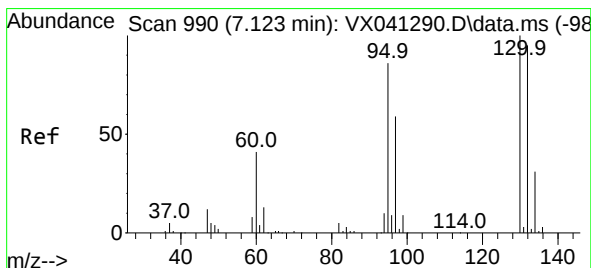
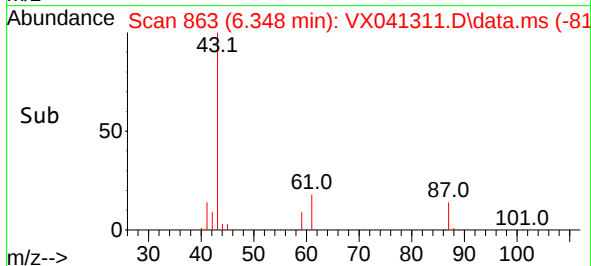
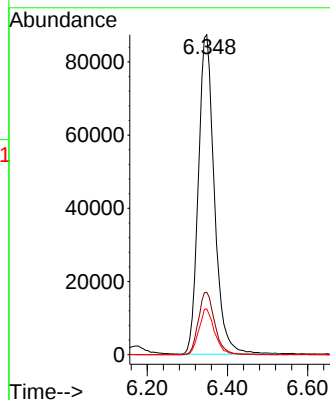
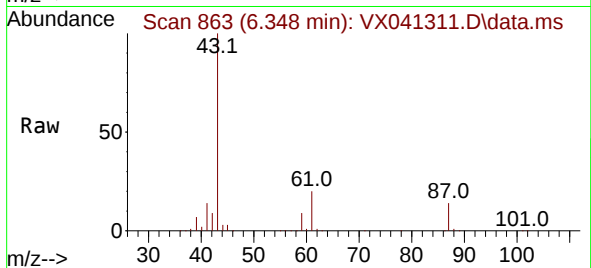
Tgt Ion:	43	Resp:	242220
Ion Ratio	Lower	Upper	
43	100		
61	19.8	15.2	22.8
87	14.0	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2024

Supervised By :Semsettin Yesilyurt 05/01/2024



#44

Trichloroethene

Concen: 51.801 ug/l

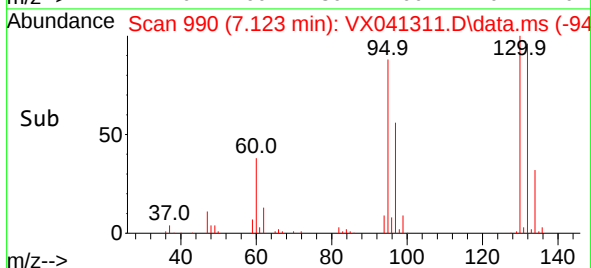
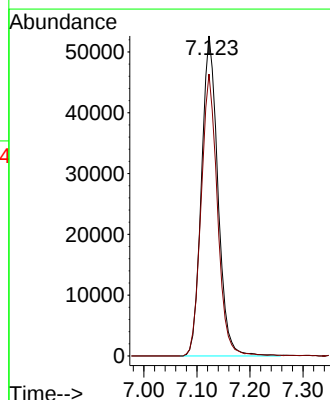
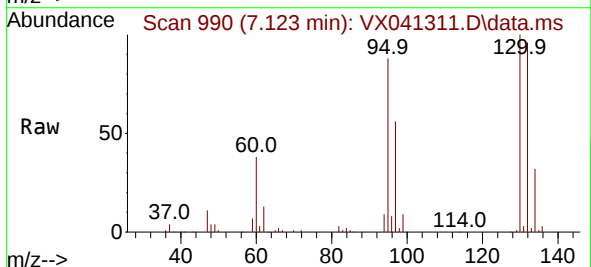
RT: 7.123 min Scan# 990

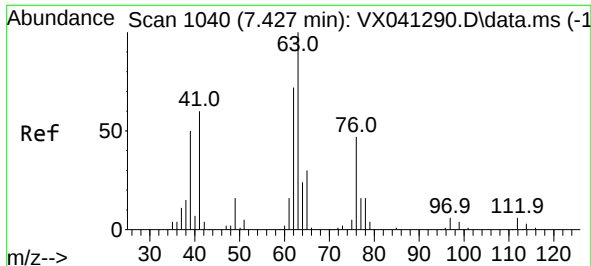
Delta R.T. 0.000 min

Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

Tgt Ion:	130	Resp:	113356
Ion Ratio	Lower	Upper	
130	100		
95	88.1	0.0	204.4





#45

1,2-Dichloropropane

Concen: 50.838 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 94130

Ion Ratio Lower Upper

63 100

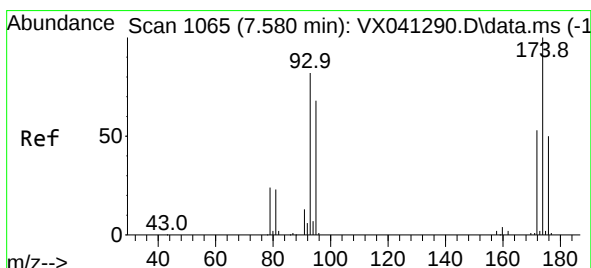
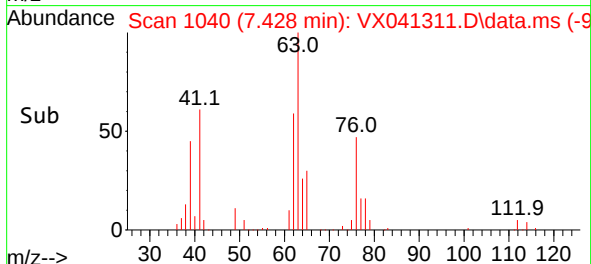
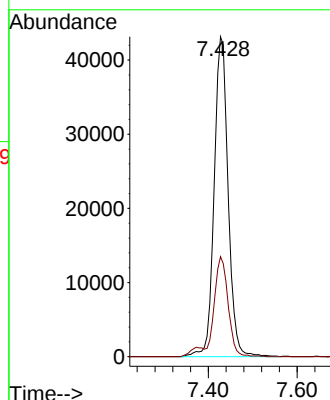
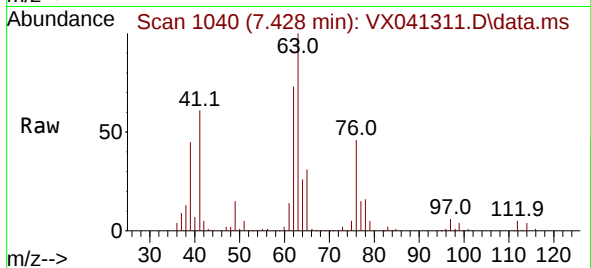
65 31.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2024

Supervised By :Semsettin Yesilyurt 05/01/2024



#46

Dibromomethane

Concen: 48.934 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

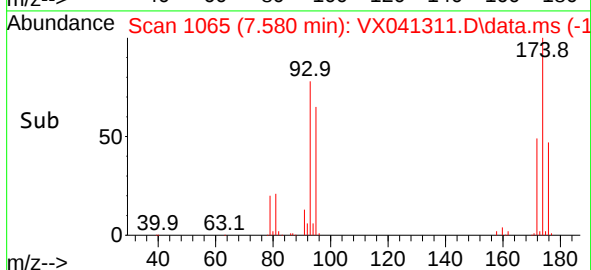
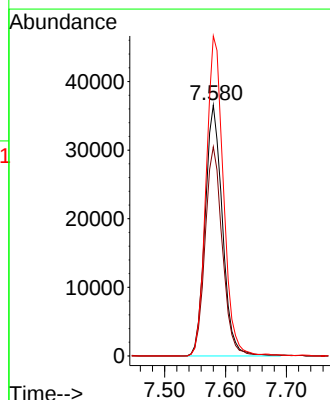
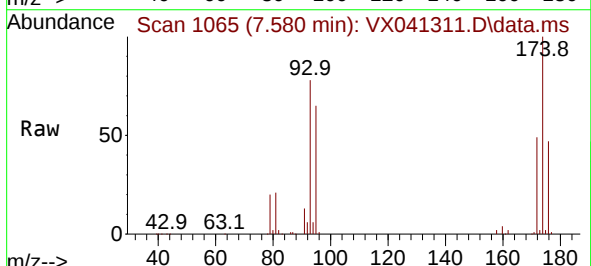
Tgt Ion: 93 Resp: 72128

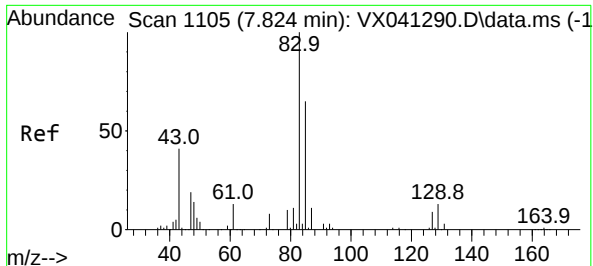
Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

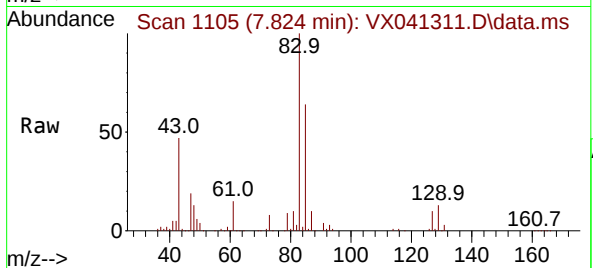
174 127.0 69.4 104.0#





#47
Bromodichloromethane
Concen: 51.804 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

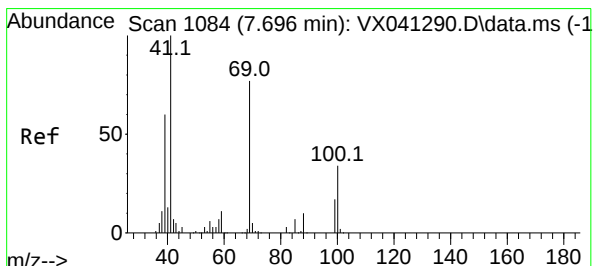
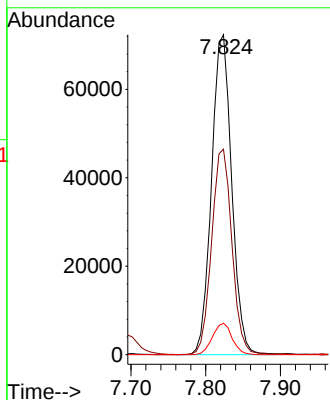
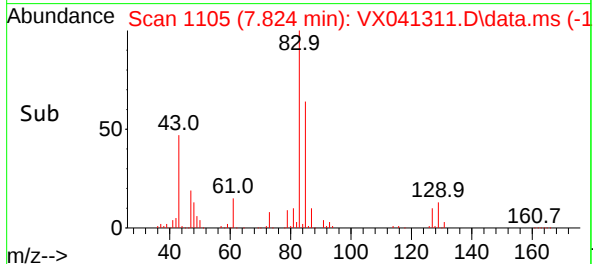
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 136069
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.6
127 9.9 7.1 10.7

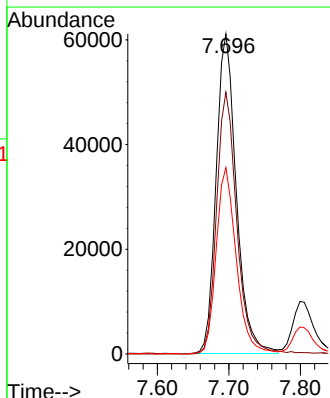
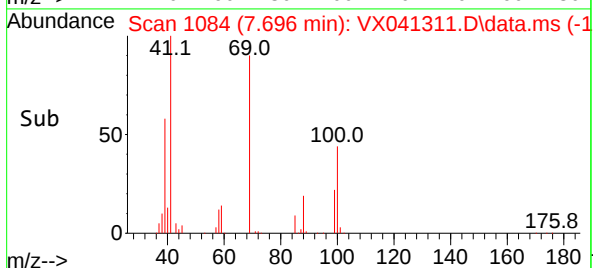
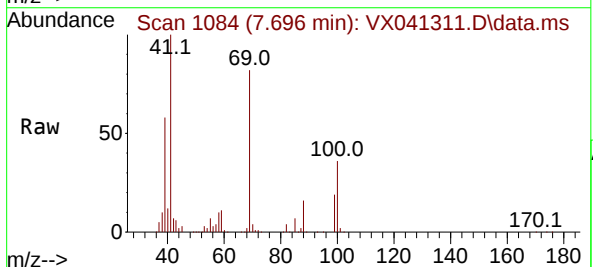
Manual Integrations
APPROVED

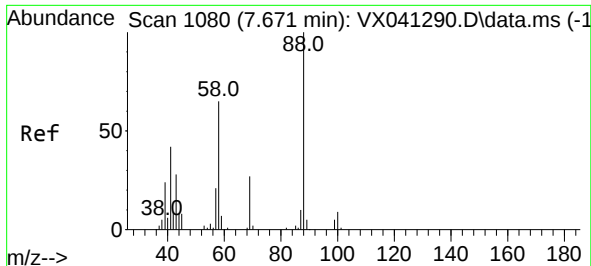
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#48
Methyl methacrylate
Concen: 51.740 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

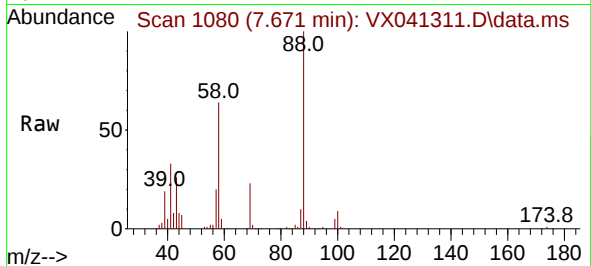
Tgt Ion: 41 Resp: 119616
Ion Ratio Lower Upper
41 100
69 82.7 59.2 88.8
39 58.3 47.7 71.5





#49
1,4-Dioxane
Concen: 1093.141 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

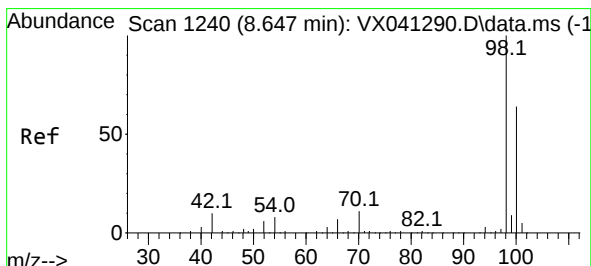
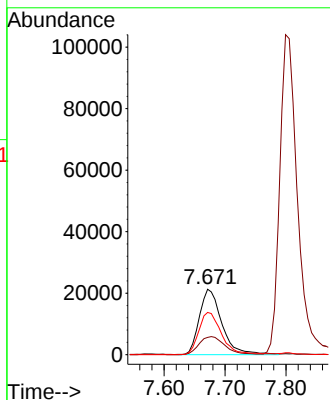
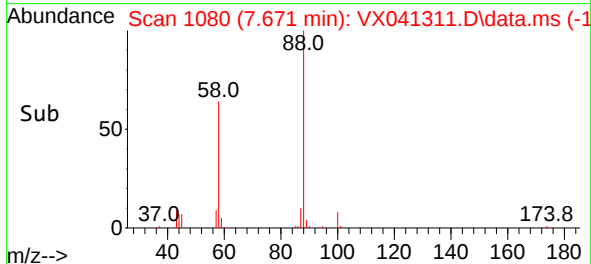
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 54639
Ion Ratio Lower Upper
88 100
43 30.7 0.0 0.0
58 65.4 60.1 90.1

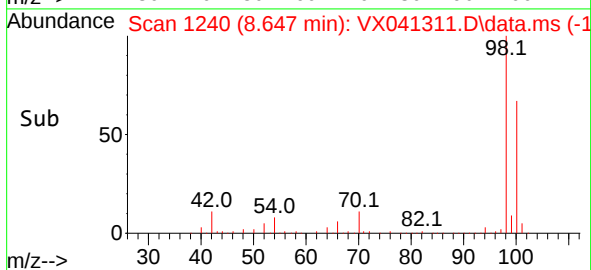
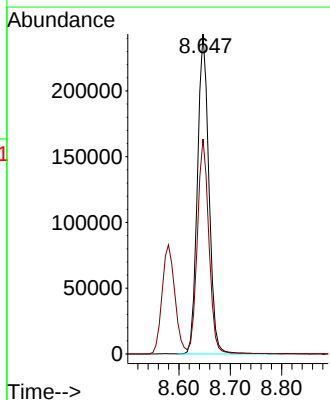
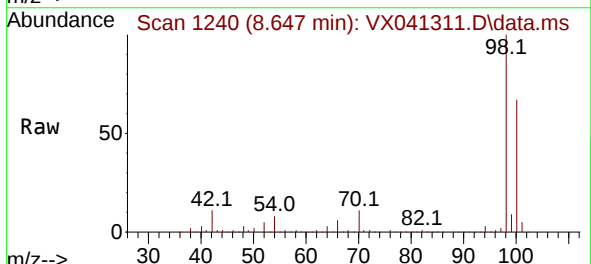
Manual Integrations
APPROVED

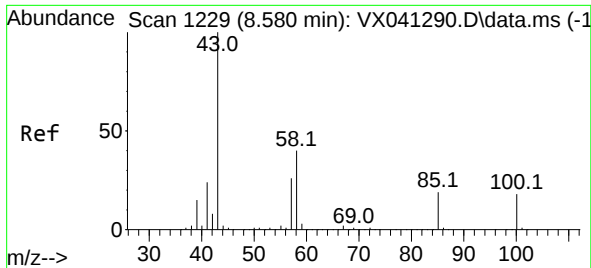
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#50
Toluene-d8
Concen: 53.134 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

Tgt Ion: 98 Resp: 378078
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7





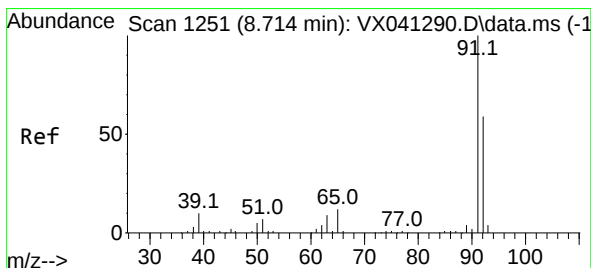
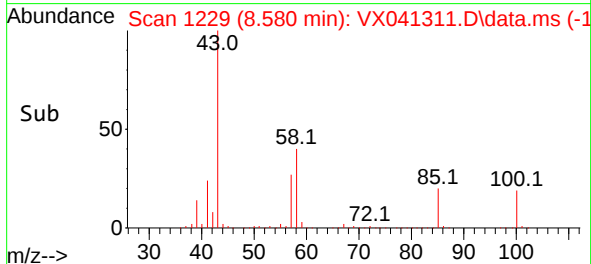
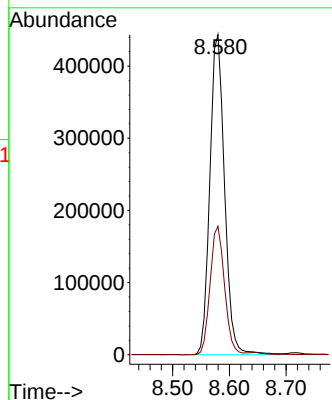
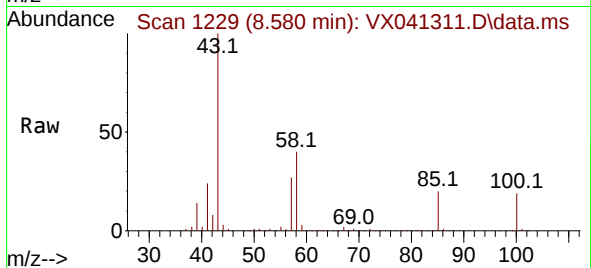
#51
4-Methyl-2-Pentanone
Concen: 263.002 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 795898
Ion Ratio Lower Upper
43 100
58 39.5 30.4 45.6

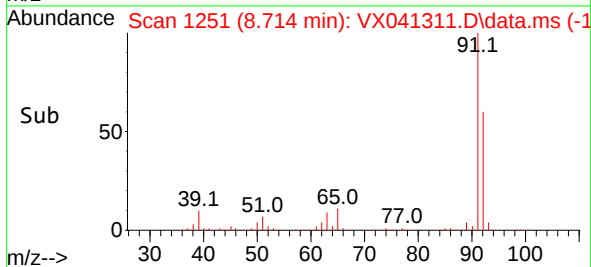
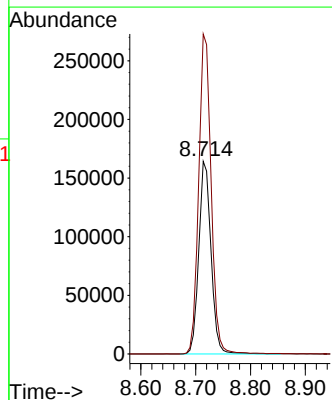
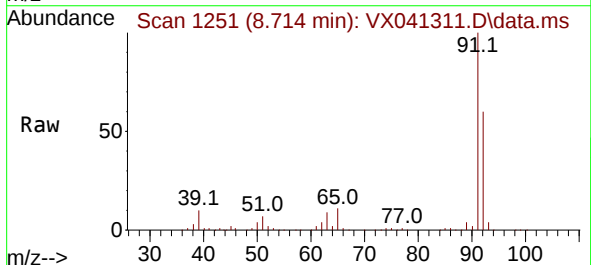
Manual Integrations
APPROVED

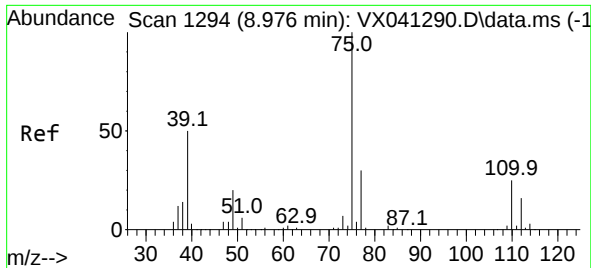
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#52
Toluene
Concen: 50.466 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

Tgt Ion: 92 Resp: 255833
Ion Ratio Lower Upper
92 100
91 169.0 134.2 201.2





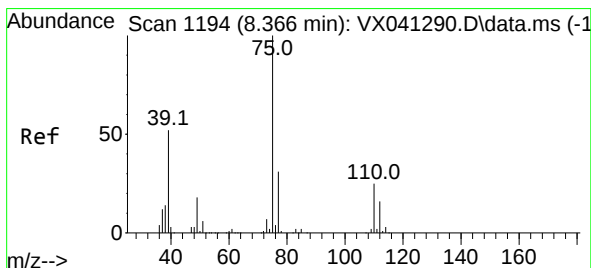
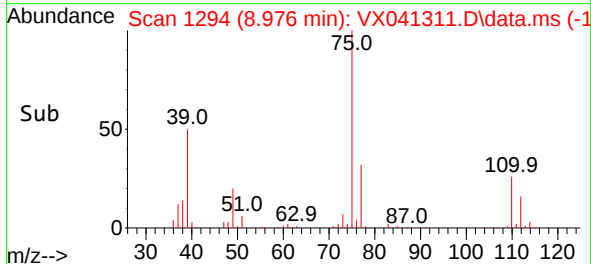
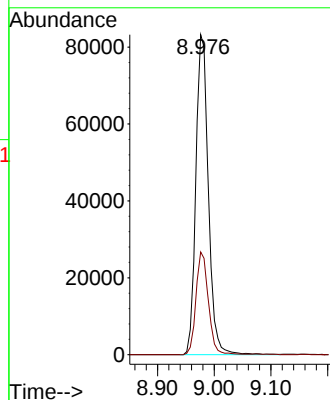
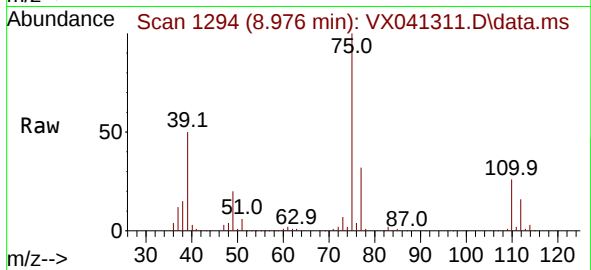
#53
t-1,3-Dichloropropene
Concen: 49.035 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 12761
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5

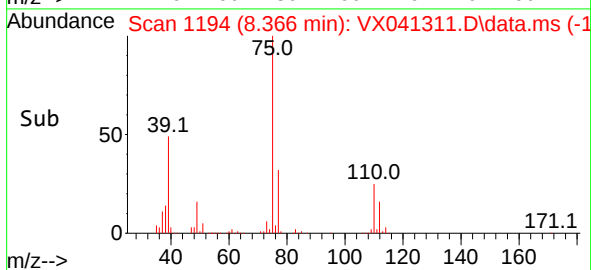
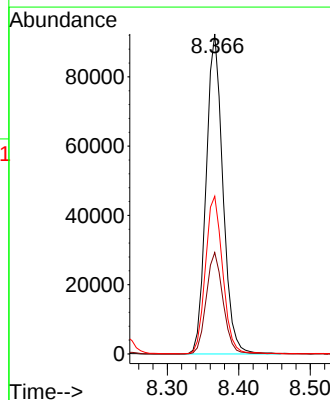
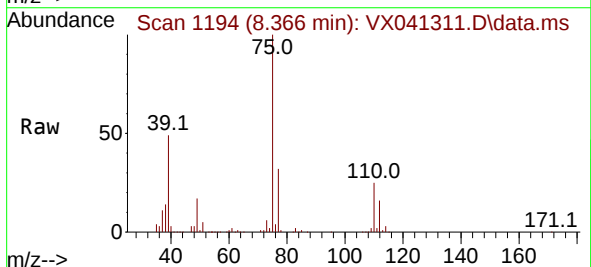
Manual Integrations
APPROVED

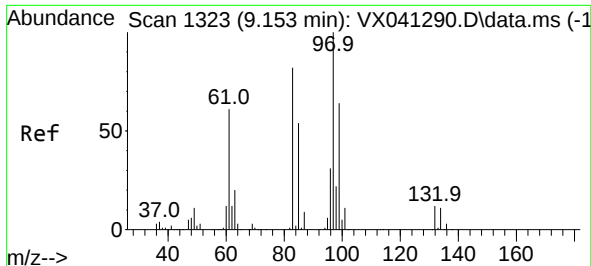
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#54
cis-1,3-Dichloropropene
Concen: 52.129 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

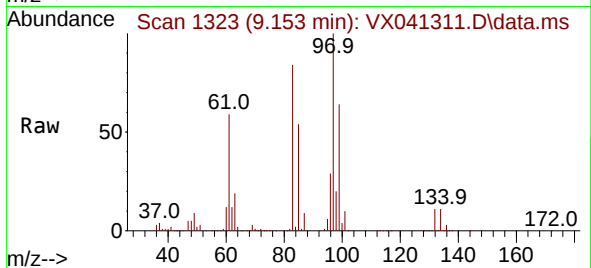
Tgt Ion: 75 Resp: 150529
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 49.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 51.509 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

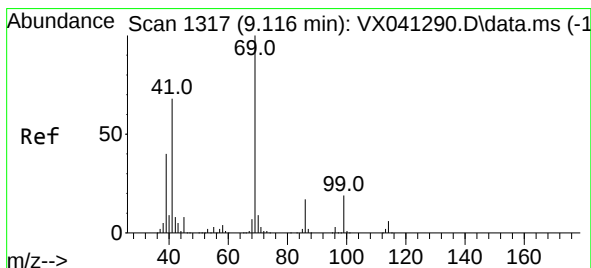
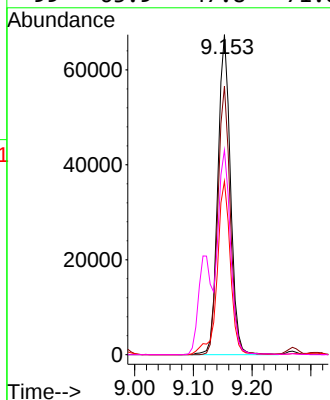
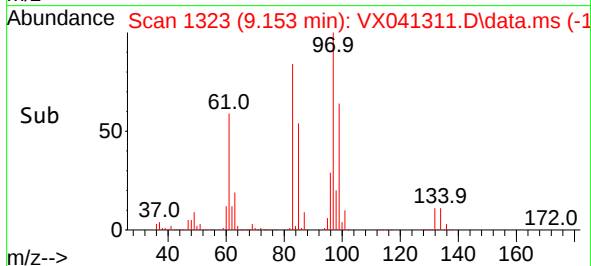


Tgt Ion: 97 Resp: 10056

Ion	Ratio	Lower	Upper
97	100		
83	83.9	65.8	98.8
85	54.2	41.6	62.4
99	63.9	47.8	71.8

Manual Integrations
APPROVED

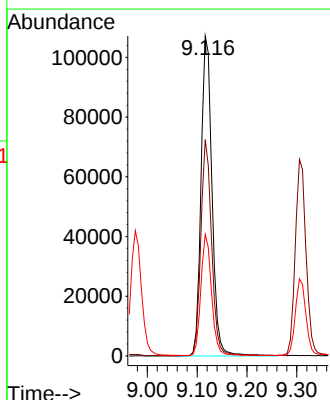
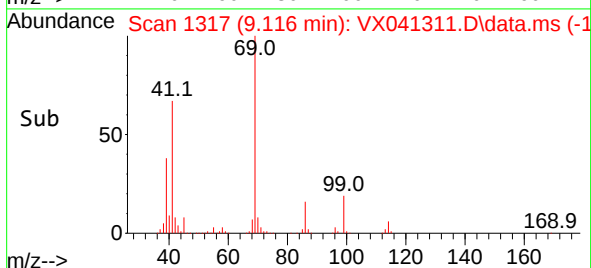
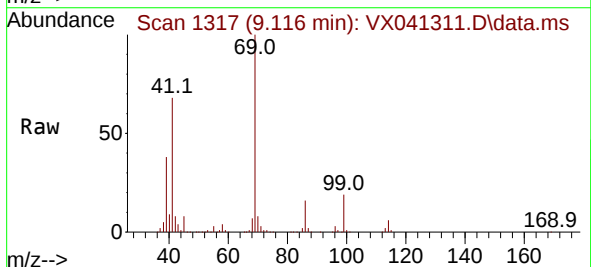
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024

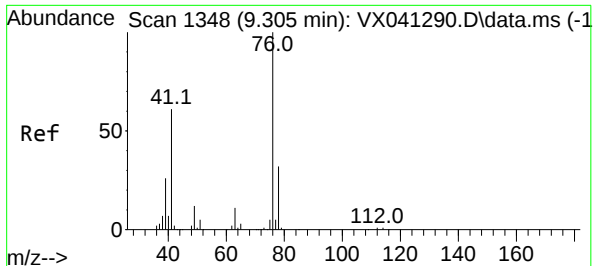


#56
Ethyl methacrylate
Concen: 54.201 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

Tgt Ion: 69 Resp: 163765

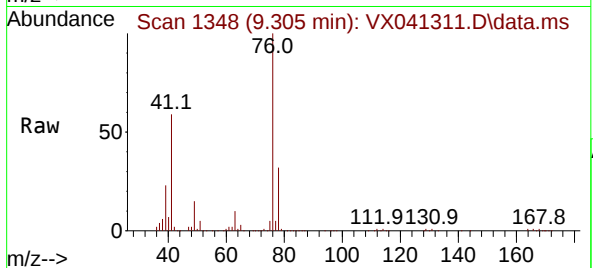
Ion	Ratio	Lower	Upper
69	100		
41	66.1	56.8	85.2
39	36.8	32.0	48.0





#57
1,3-Dichloropropane
Concen: 50.904 ug/l
RT: 9.305 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

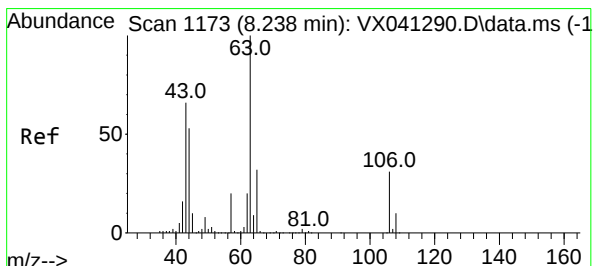
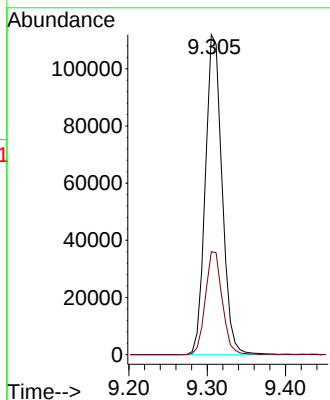
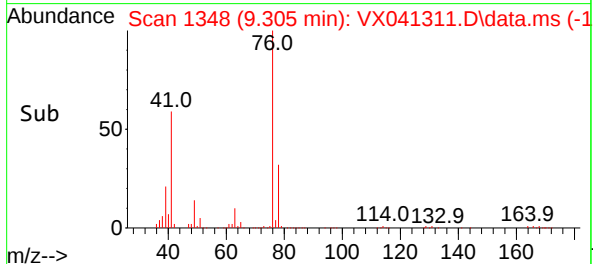
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



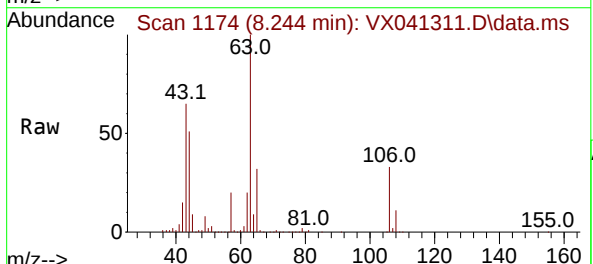
Tgt Ion: 76 Resp: 16585
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1

Manual Integrations
APPROVED

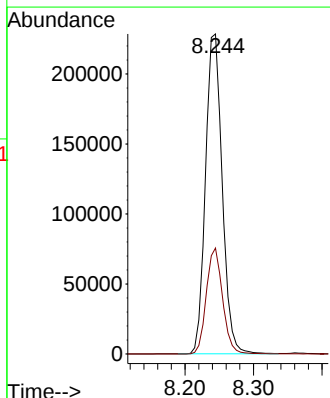
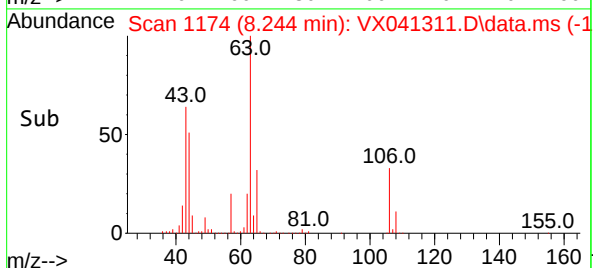
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024

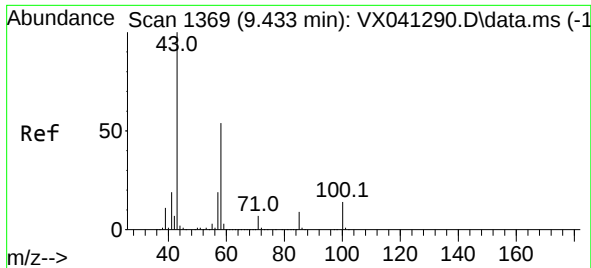


#58
2-Chloroethyl Vinyl ether
Concen: 264.853 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44



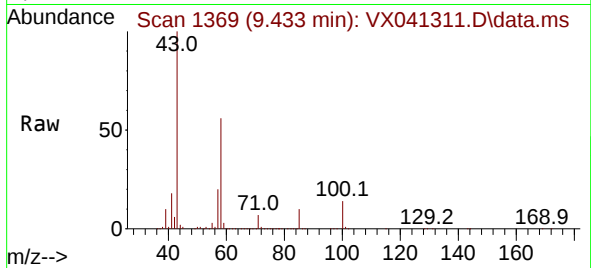
Tgt Ion: 63 Resp: 388016
Ion Ratio Lower Upper
63 100
106 32.2 22.5 33.7





#59
2-Hexanone
Concen: 259.574 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

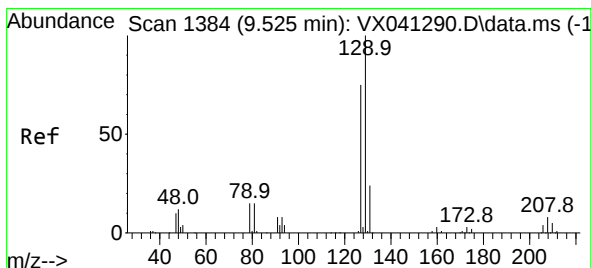
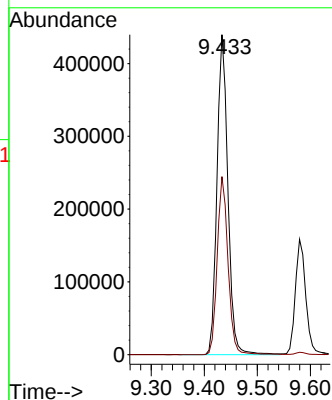
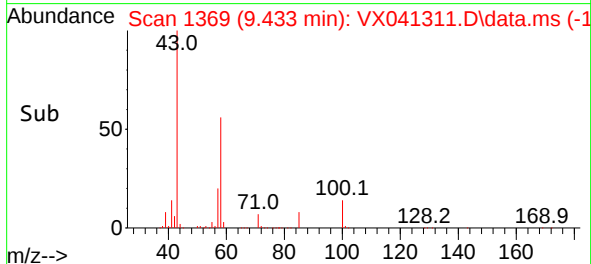
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 62813
Ion Ratio Lower Upper
43 100
58 55.4 26.2 78.5

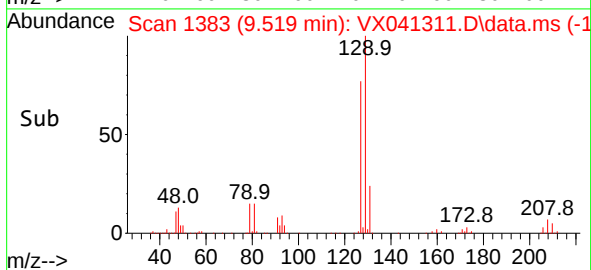
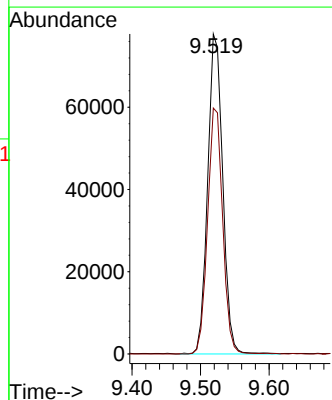
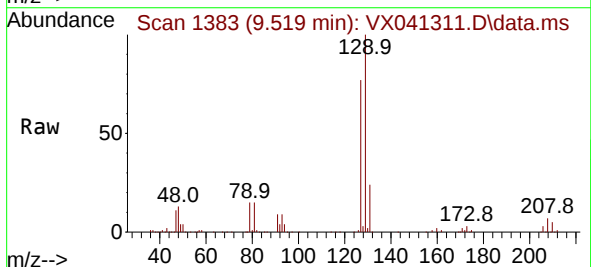
Manual Integrations
APPROVED

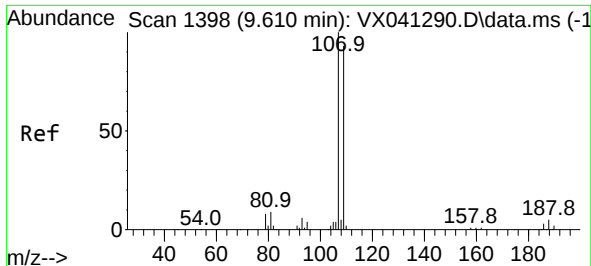
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#60
Dibromochloromethane
Concen: 51.791 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

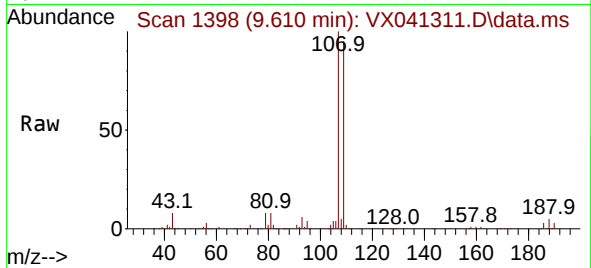
Tgt Ion:129 Resp: 119031
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.863 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

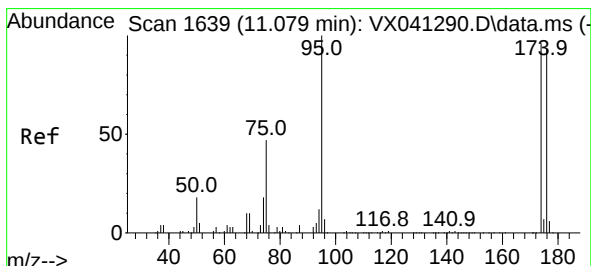
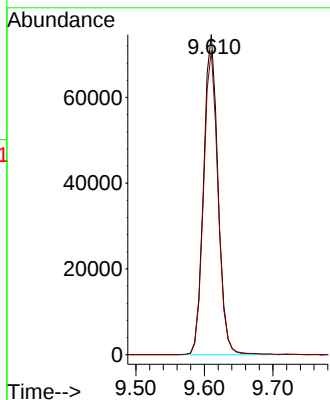
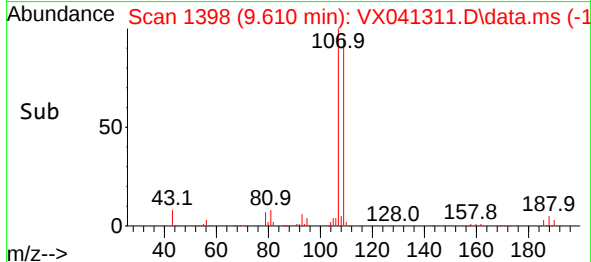
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 109244
Ion Ratio Lower Upper
107 100
109 95.0 75.2 112.8

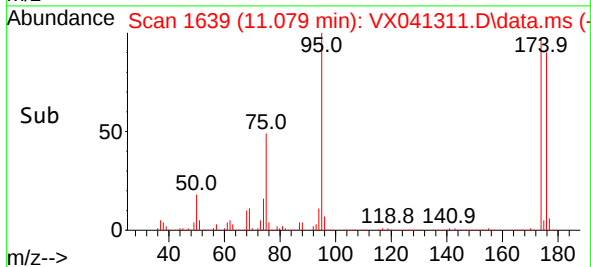
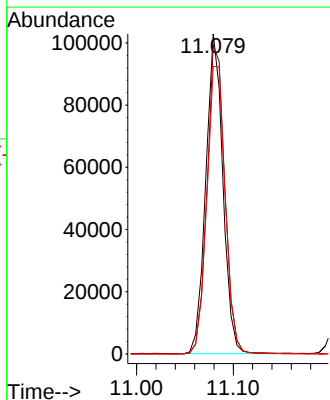
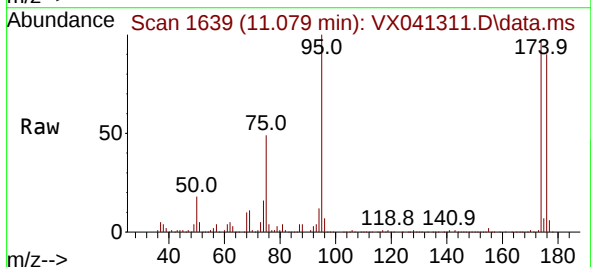
Manual Integrations
APPROVED

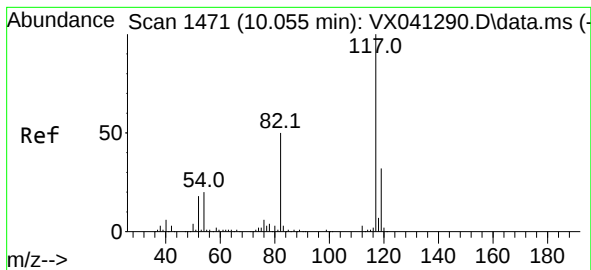
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#62
4-Bromofluorobenzene
Concen: 45.941 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

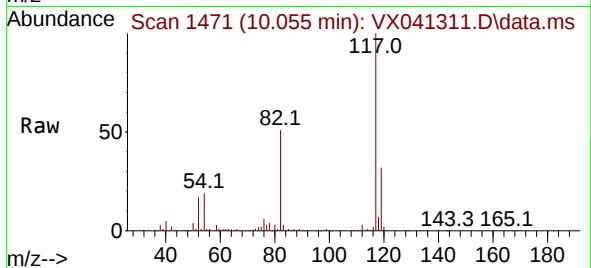
Tgt Ion: 95 Resp: 126543
Ion Ratio Lower Upper
95 100
174 100.7 0.0 135.6
176 97.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

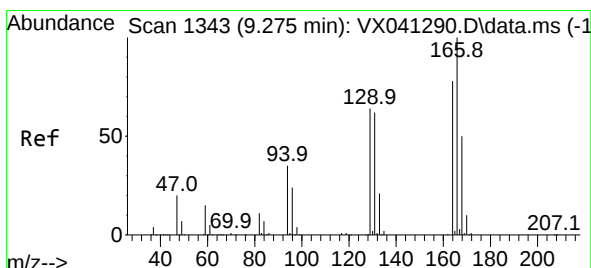
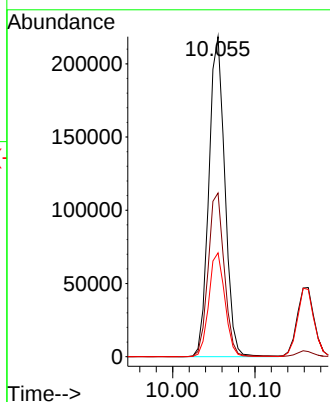
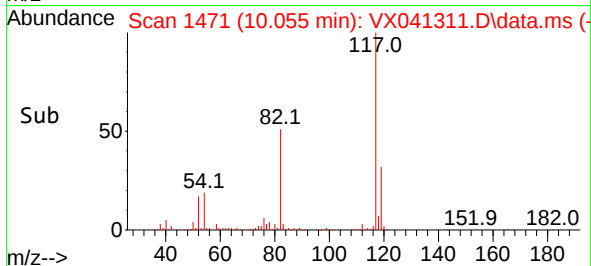
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 294973
Ion Ratio Lower Upper
117 100
82 51.1 46.2 69.4
119 32.4 25.5 38.3

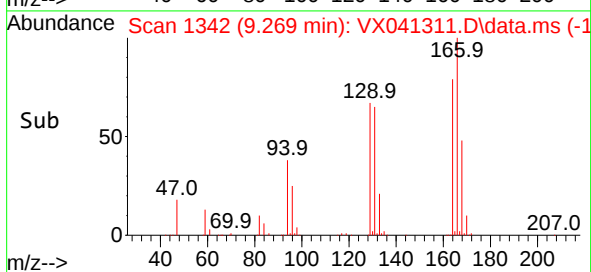
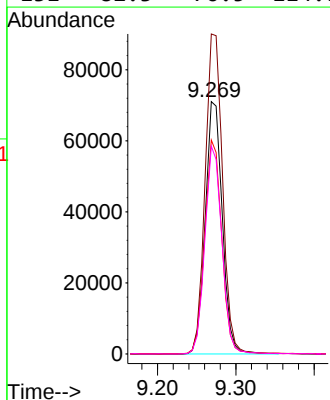
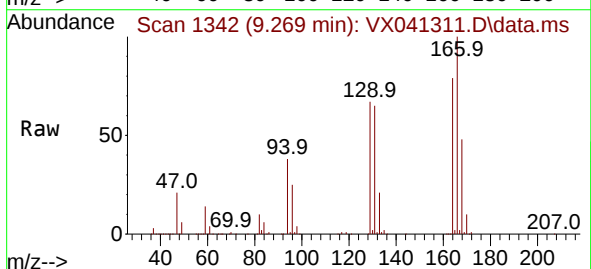
Manual Integrations
APPROVED

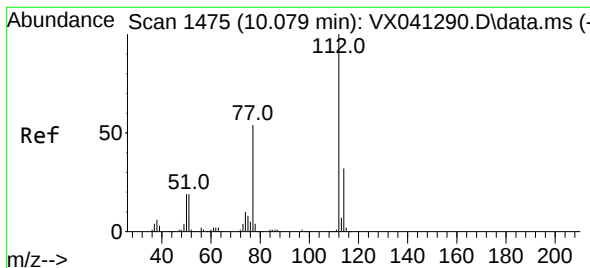
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#64
Tetrachloroethene
Concen: 50.315 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

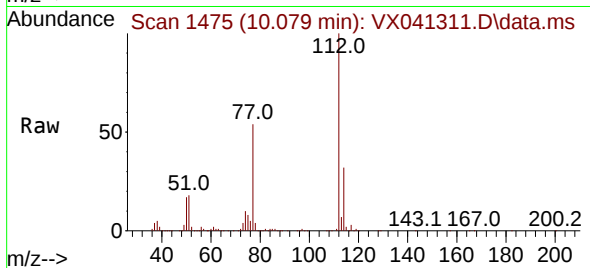
Tgt Ion:164 Resp: 107473
Ion Ratio Lower Upper
164 100
166 126.8 102.7 154.1
129 84.7 80.4 120.6
131 82.3 76.5 114.7





#65
Chlorobenzene
Concen: 49.596 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

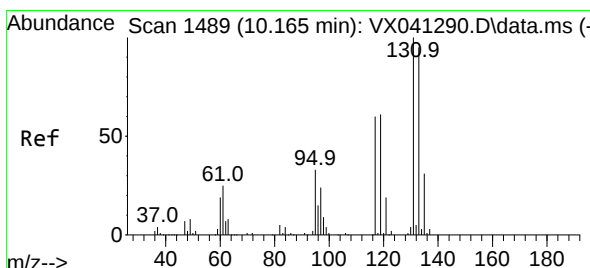
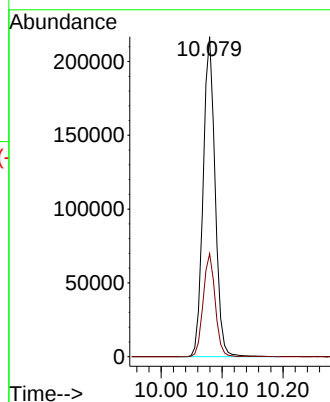
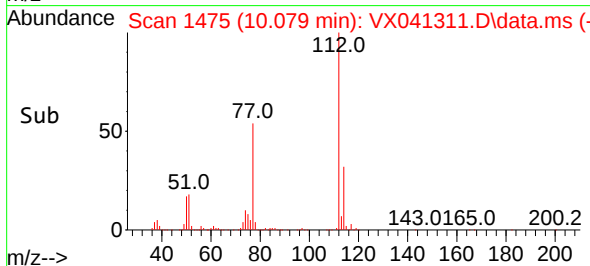
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 296979
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

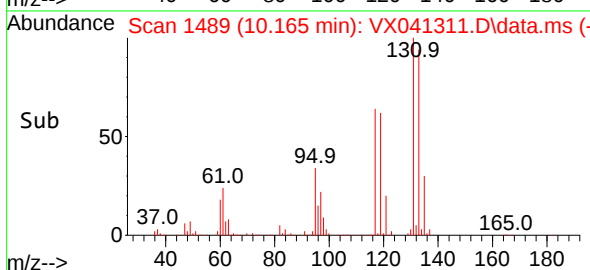
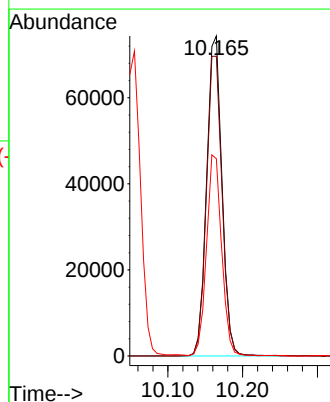
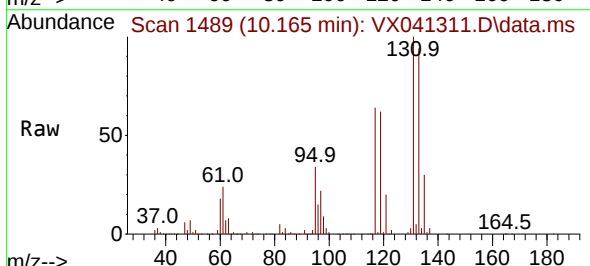
Manual Integrations
APPROVED

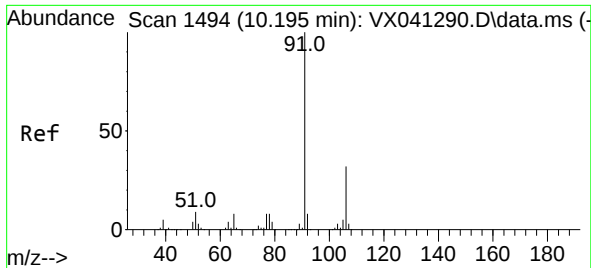
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.060 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

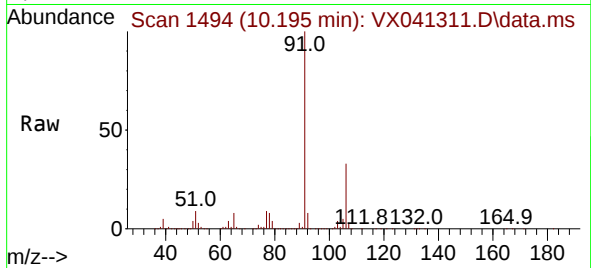
Tgt Ion:131 Resp: 105917
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.4
119 61.9 32.2 96.6





#67
Ethyl Benzene
Concen: 49.705 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

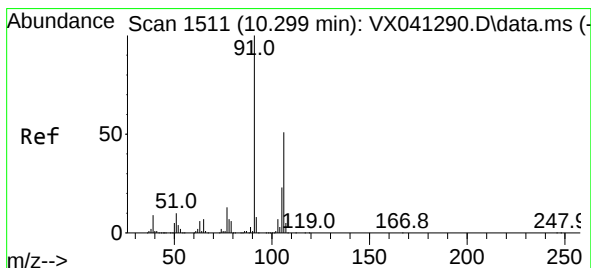
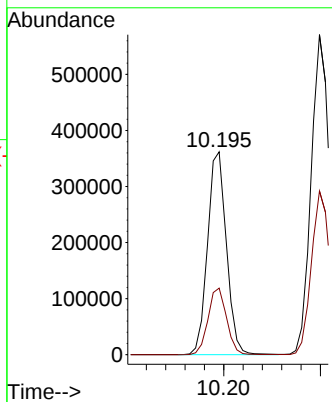
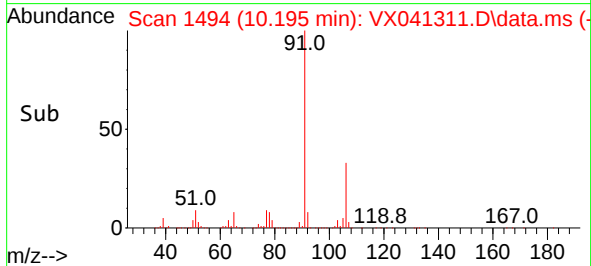
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



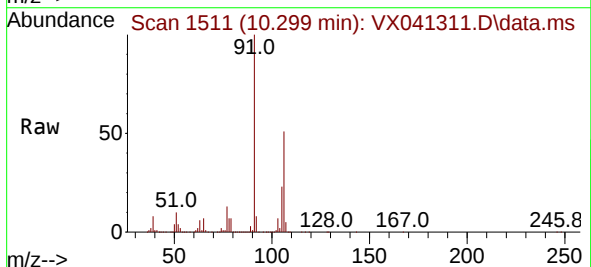
Tgt Ion: 91 Resp: 49105
Ion Ratio Lower Upper
91 100
106 32.8 24.9 37.3

Manual Integrations
APPROVED

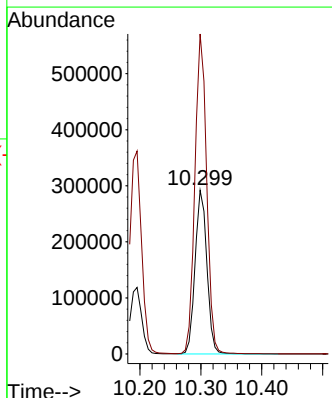
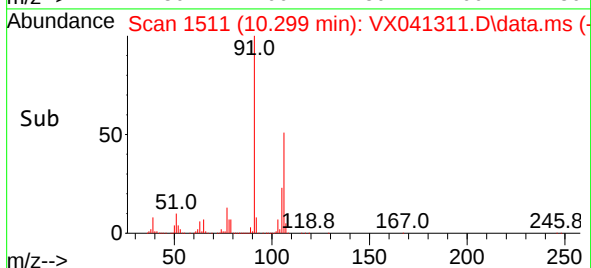
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024

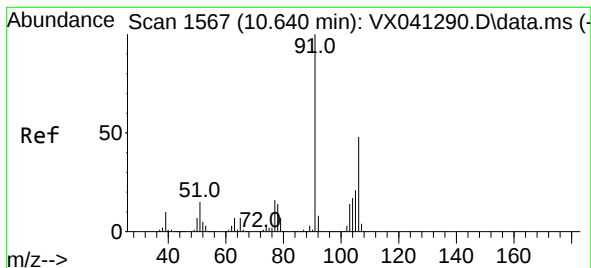


#68
m/p-Xylenes
Concen: 99.208 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44



Tgt Ion:106 Resp: 392491
Ion Ratio Lower Upper
106 100
91 195.1 165.5 248.3





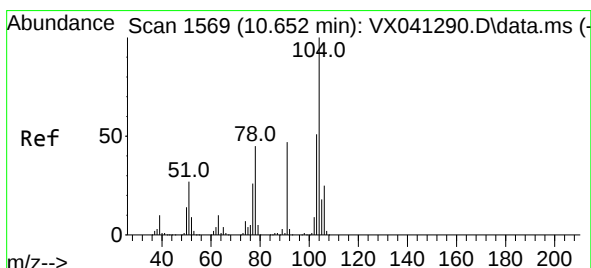
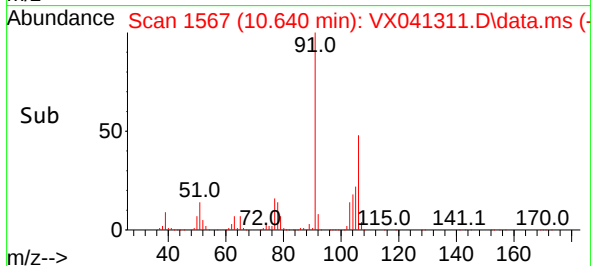
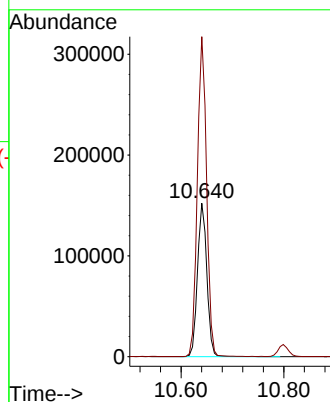
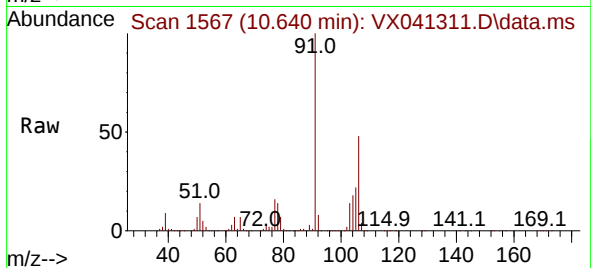
#69
o-Xylene
Concen: 50.799 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 192428
Ion Ratio Lower Upper
106 100
91 205.6 108.9 326.8

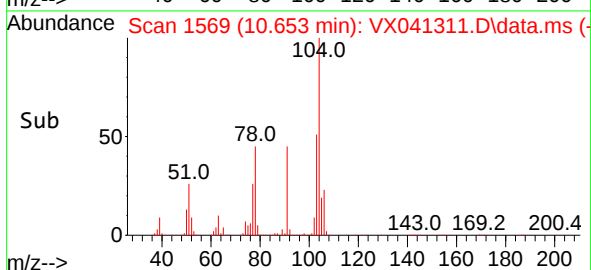
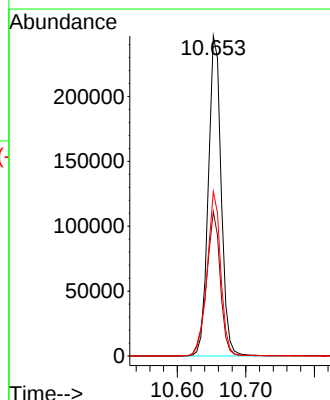
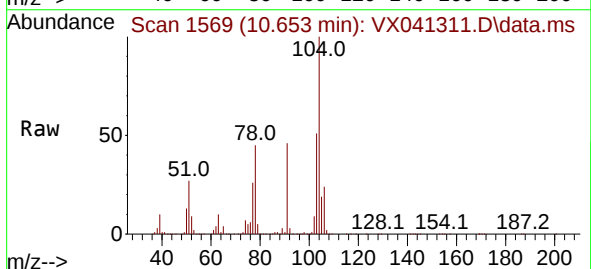
Manual Integrations
APPROVED

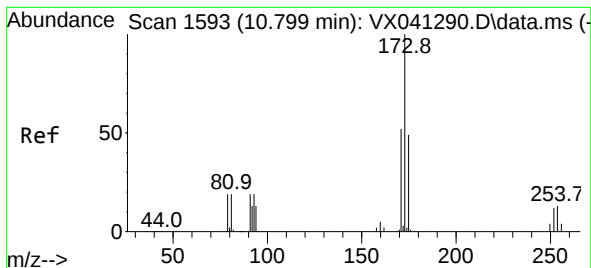
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#70
Styrene
Concen: 52.032 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

Tgt Ion:104 Resp: 323426
Ion Ratio Lower Upper
104 100
78 48.4 43.6 65.4
103 54.2 43.6 65.4





#71

Bromoform

Concen: 45.837 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

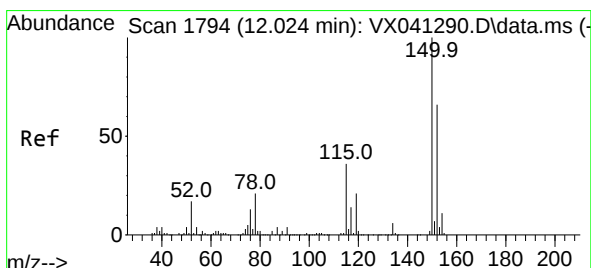
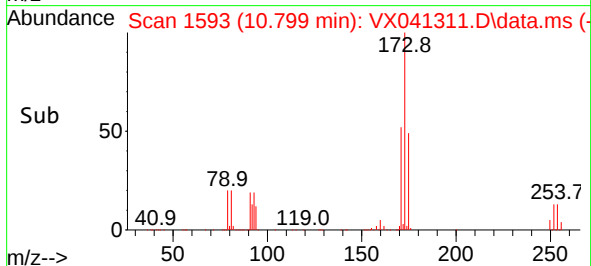
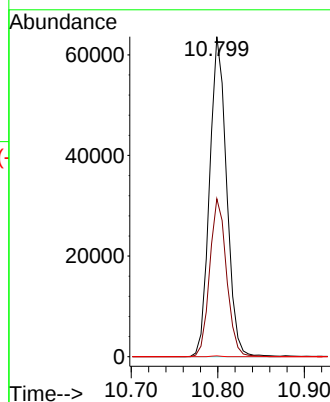
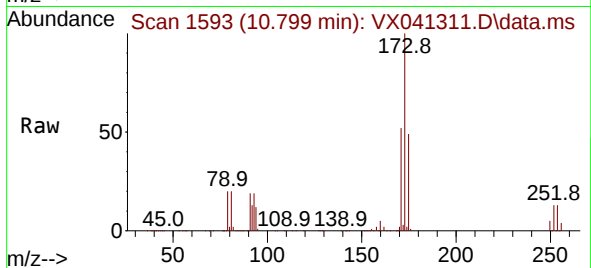
Tgt Ion:173	Resp:	8679
Ion Ratio	Lower	Upper
173	100	
175	48.8	24.1 72.4
254	0.1	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2024

Supervised By :Semsettin Yesilyurt 05/01/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

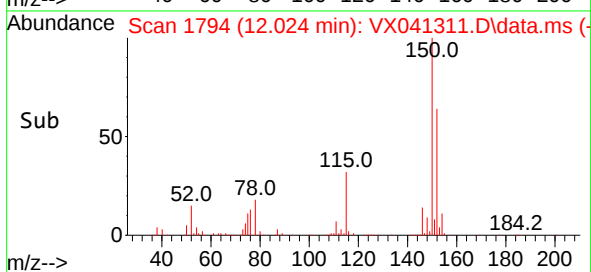
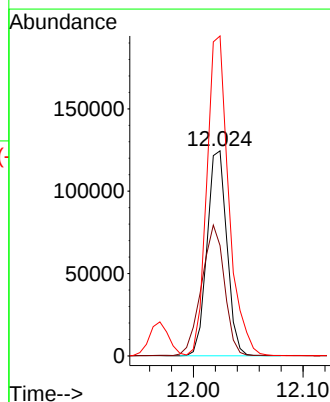
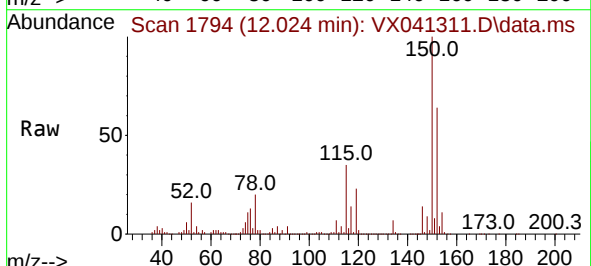
RT: 12.024 min Scan# 1794

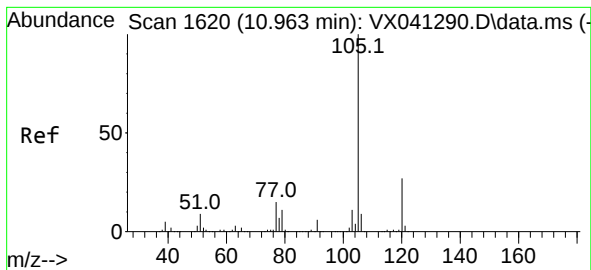
Delta R.T. 0.000 min

Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

Tgt Ion:152	Resp:	156232
Ion Ratio	Lower	Upper
152	100	
115	73.7	43.3 129.9
150	172.4	0.0 345.0





#73

Isopropylbenzene

Concen: 45.352 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 432509

Ion Ratio Lower Upper

105 100

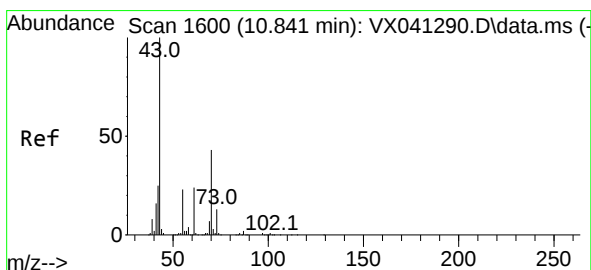
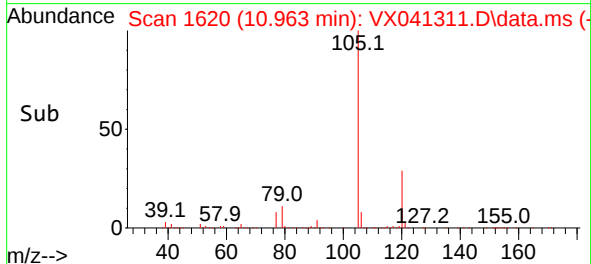
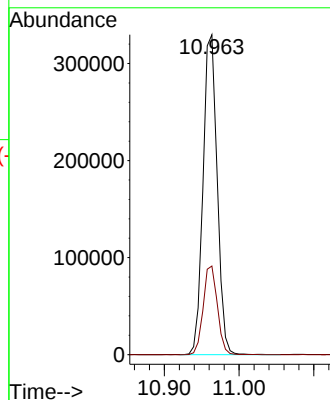
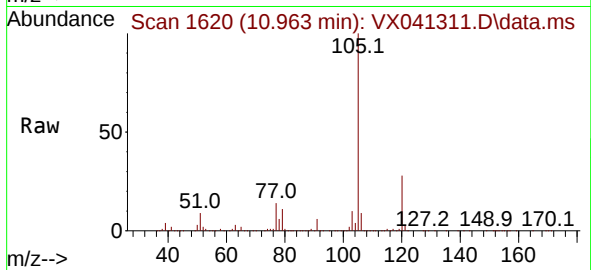
120 27.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2024

Supervised By :Semsettin Yesilyurt 05/01/2024



#74

N-ethyl acetate

Concen: 47.104 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

Tgt Ion: 43 Resp: 196260

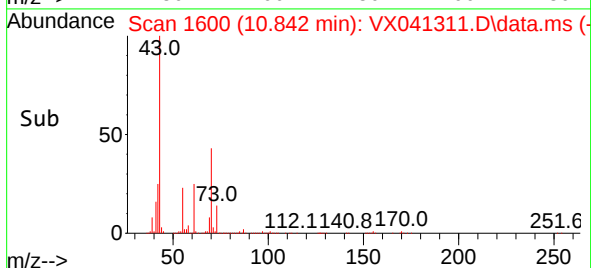
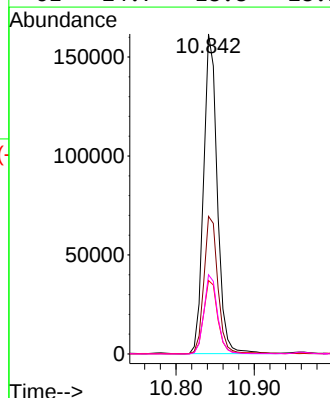
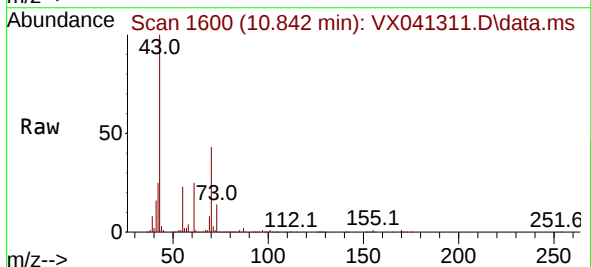
Ion Ratio Lower Upper

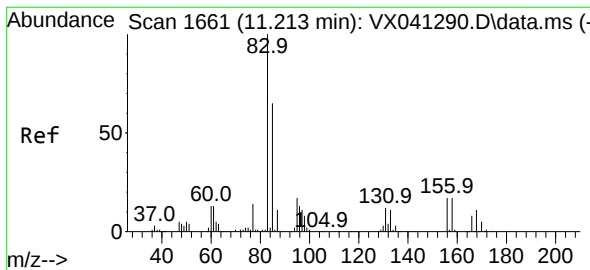
43 100

70 44.1 32.9 49.3

55 23.6 19.3 28.9

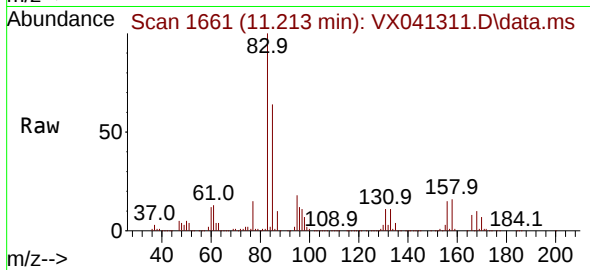
61 24.7 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.447 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

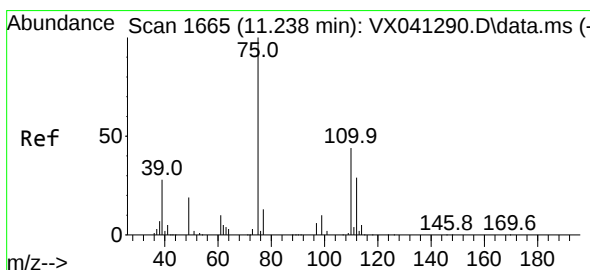
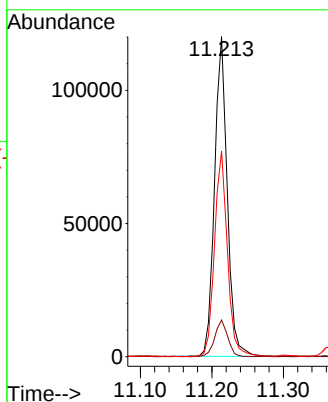
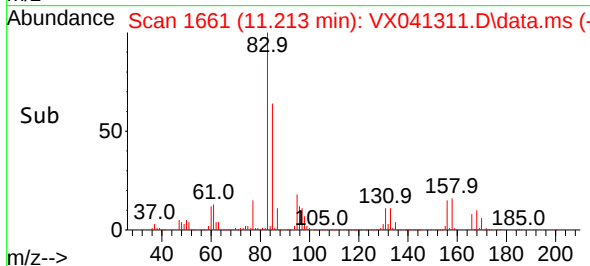
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 14827
Ion Ratio Lower Upper
83 100
131 11.8 5.3 15.8
85 65.6 32.0 96.2

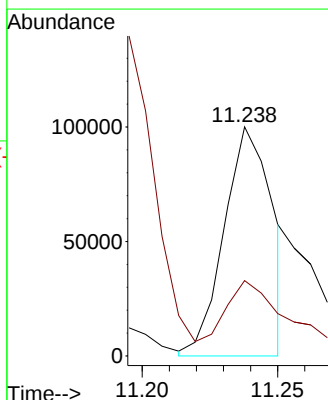
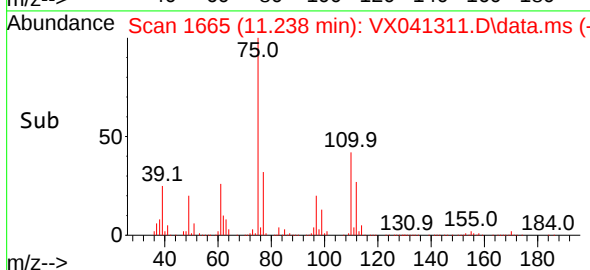
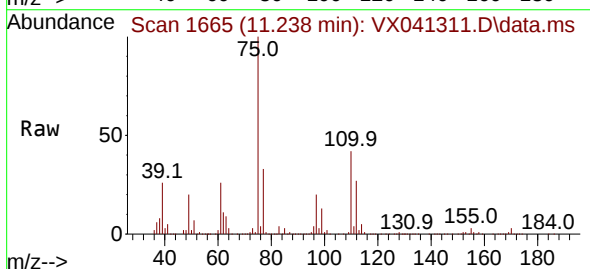
Manual Integrations
APPROVED

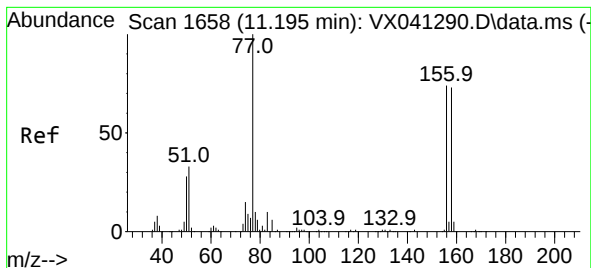
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#76
1,2,3-Trichloropropane
Concen: 48.725 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

Tgt Ion: 75 Resp: 124058
Ion Ratio Lower Upper
75 100
77 44.2 19.1 57.5





#77

Bromobenzene

Concen: 49.519 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

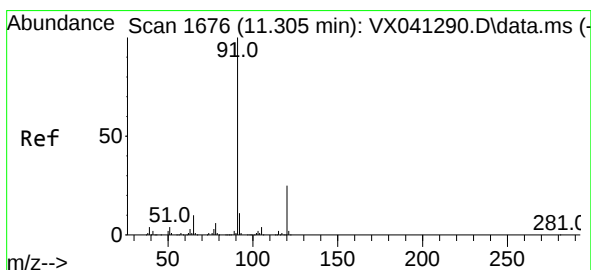
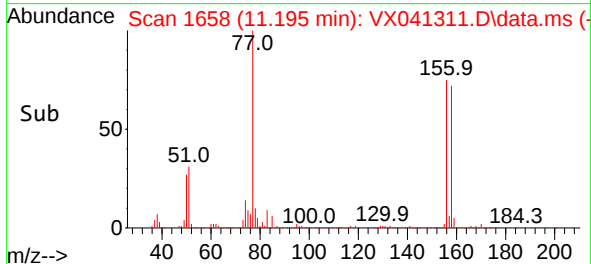
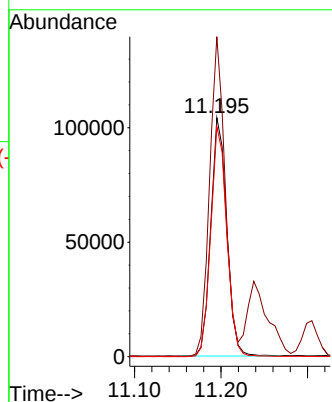
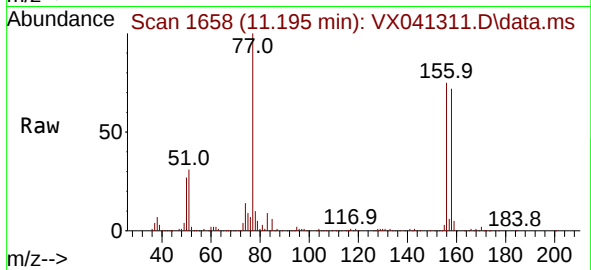
Tgt Ion:156 Resp: 13328
 Ion Ratio Lower Upper
 156 100
 77 129.7 88.4 265.3
 158 97.0 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2024

Supervised By :Semsettin Yesilyurt 05/01/2024



#78

n-propylbenzene

Concen: 49.093 ug/l

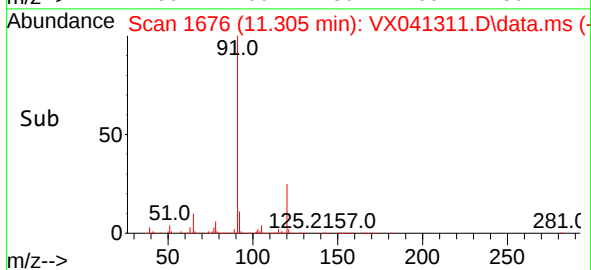
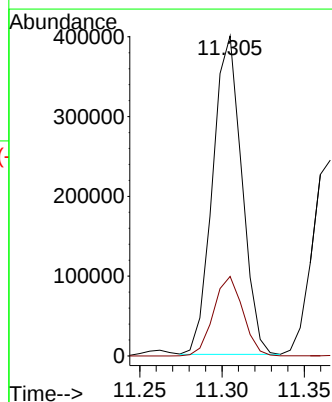
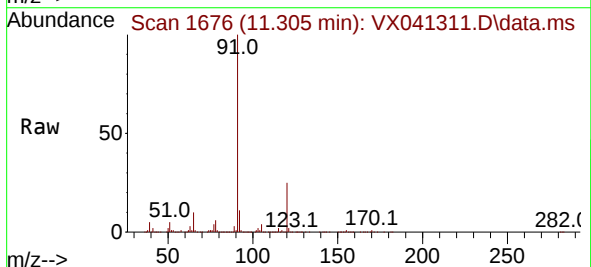
RT: 11.305 min Scan# 1676

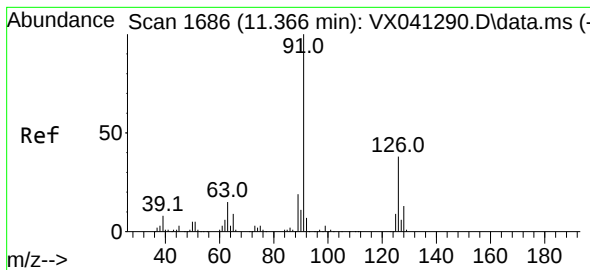
Delta R.T. 0.000 min

Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

Tgt Ion: 91 Resp: 491729
 Ion Ratio Lower Upper
 91 100
 120 25.2 11.5 34.4





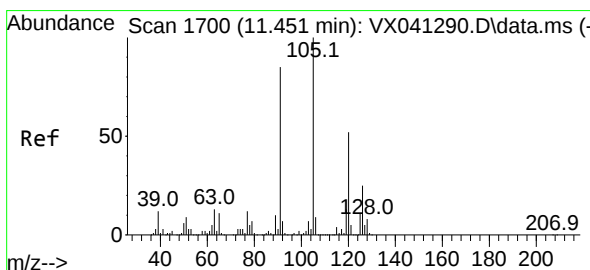
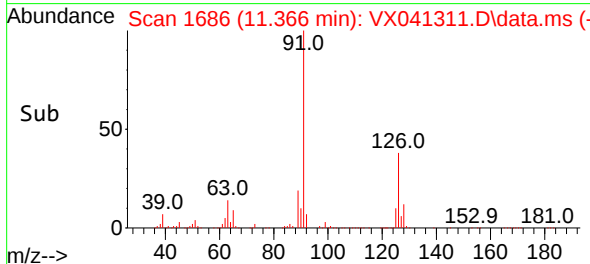
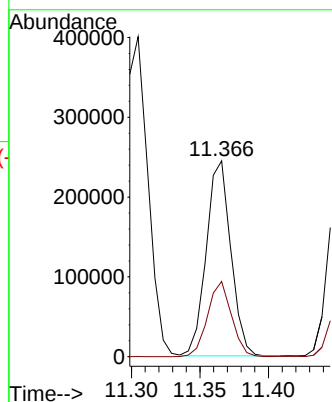
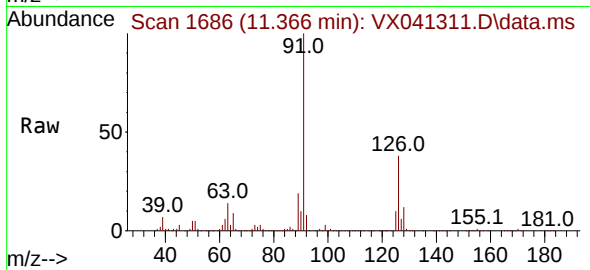
#79
2-Chlorotoluene
Concen: 47.195 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 30463
Ion Ratio Lower Upper
91 100
126 37.6 16.3 48.8

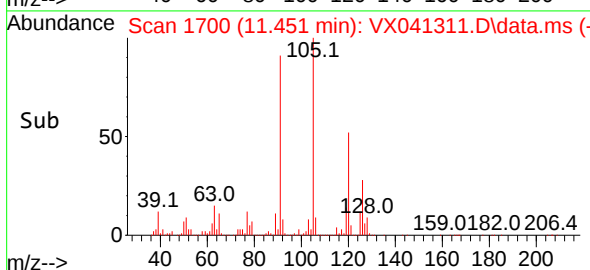
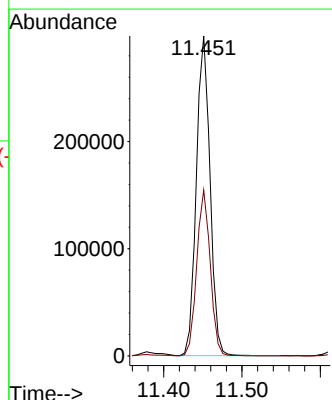
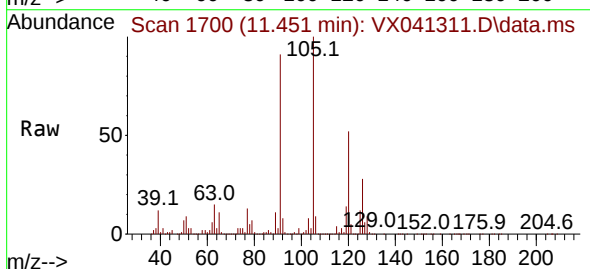
Manual Integrations
APPROVED

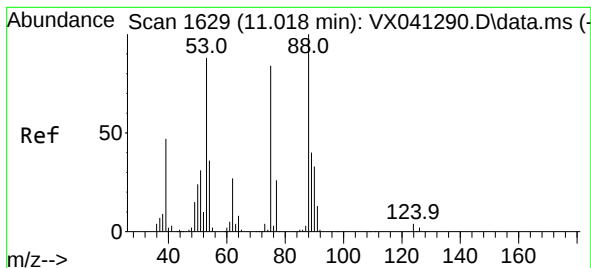
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 46.643 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

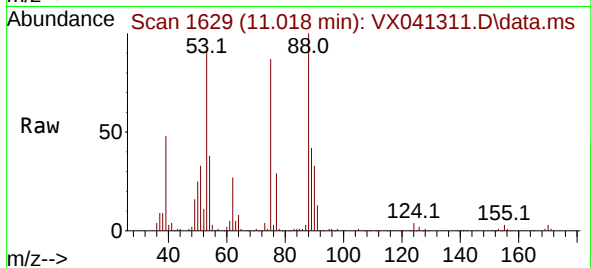
Tgt Ion:105 Resp: 362618
Ion Ratio Lower Upper
105 100
120 51.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 45.423 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

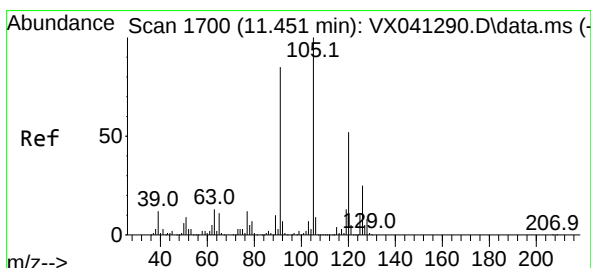
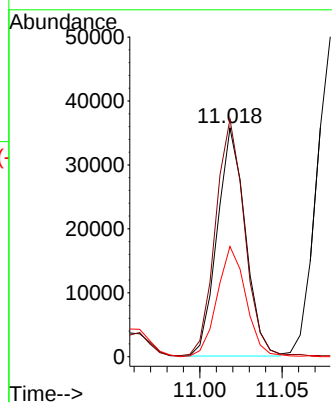
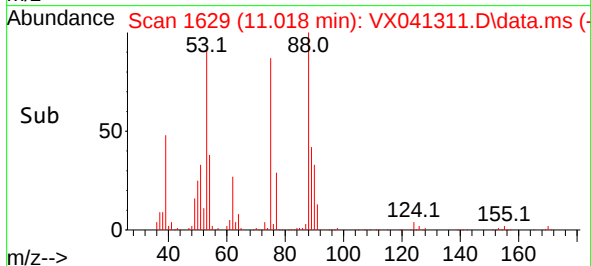
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 42458
Ion Ratio Lower Upper
75 100
53 106.8 90.5 135.7
89 49.3 36.9 55.3

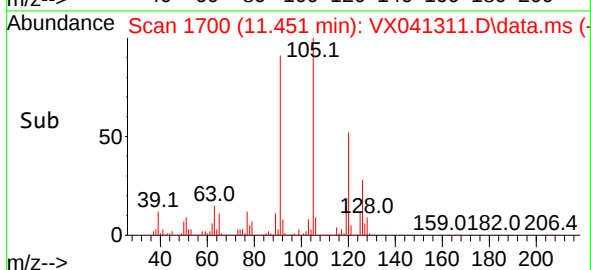
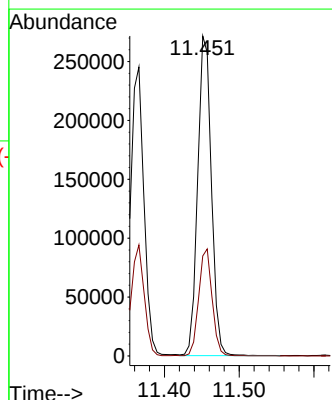
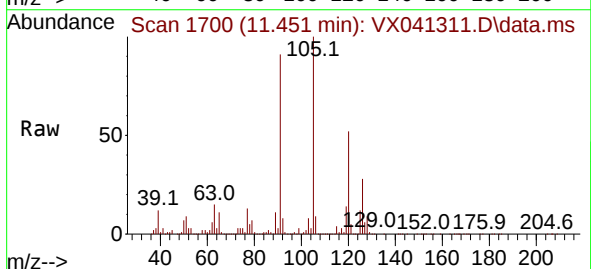
Manual Integrations
APPROVED

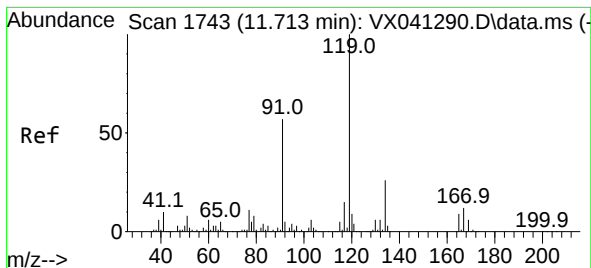
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#82
4-Chlorotoluene
Concen: 47.026 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

Tgt Ion: 91 Resp: 344596
Ion Ratio Lower Upper
91 100
126 33.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 46.210 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

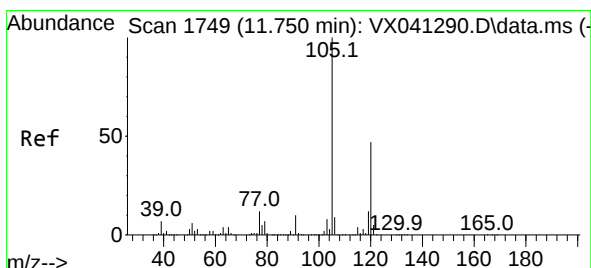
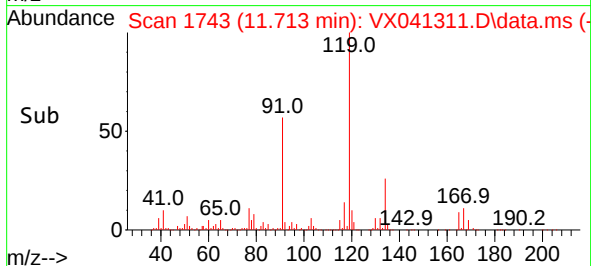
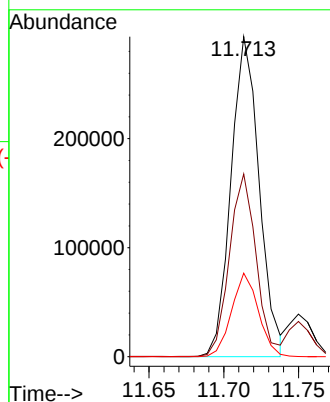
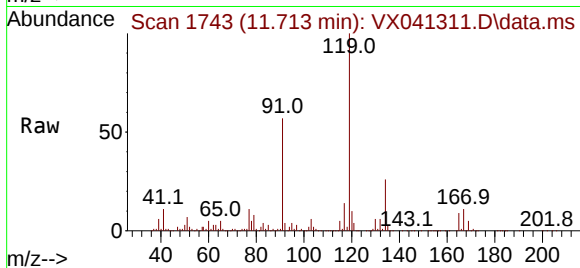
Tgt Ion:	119	Resp:	38470
Ion Ratio	Lower	Upper	
119	100		
91	54.2	31.2	93.6
134	24.8	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2024

Supervised By :Semsettin Yesilyurt 05/01/2024



#84

1,2,4-Trimethylbenzene

Concen: 47.720 ug/l

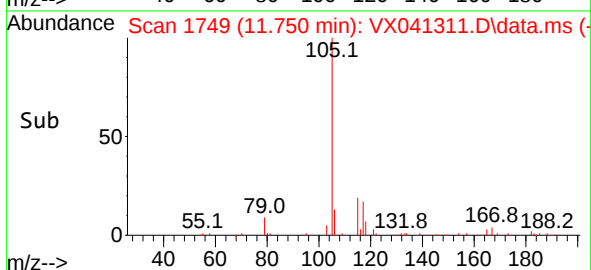
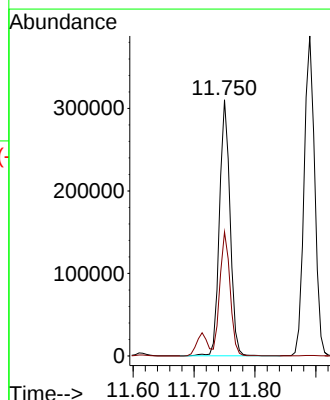
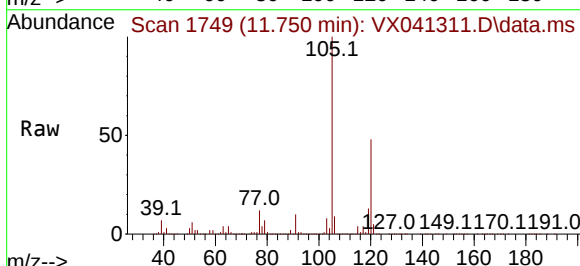
RT: 11.750 min Scan# 1749

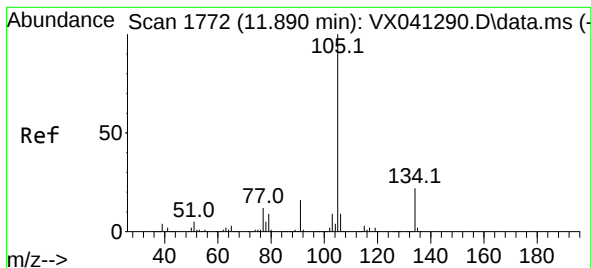
Delta R.T. 0.000 min

Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

Tgt Ion:	105	Resp:	373290
Ion Ratio	Lower	Upper	
105	100		
120	46.8	21.2	63.6





#85

sec-Butylbenzene

Concen: 48.921 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 466739

Ion Ratio Lower Upper

105 100

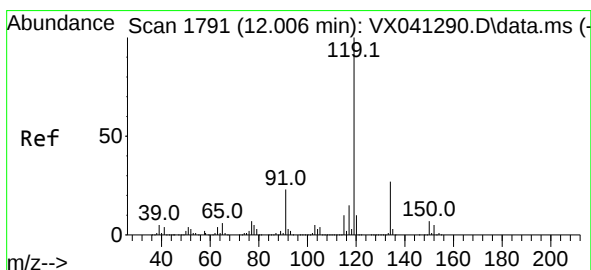
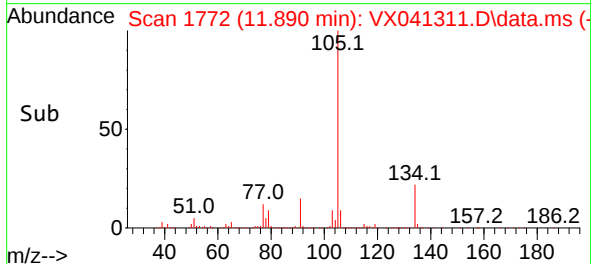
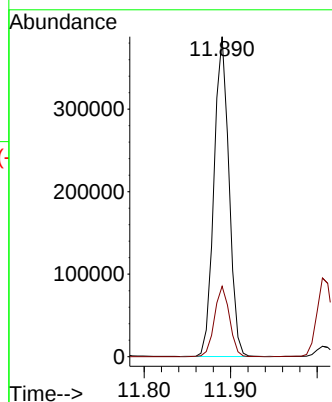
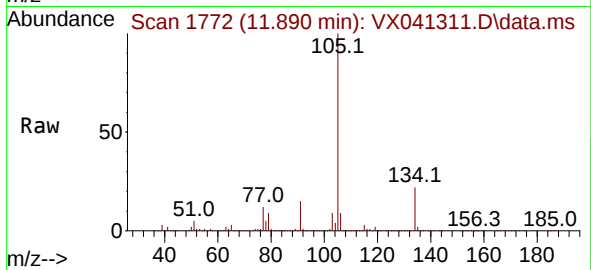
134 22.0 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2024

Supervised By :Semsettin Yesilyurt 05/01/2024



#86

p-Isopropyltoluene

Concen: 50.074 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

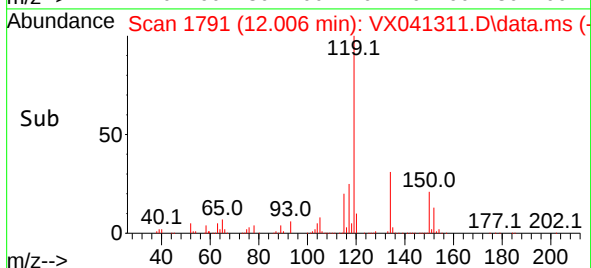
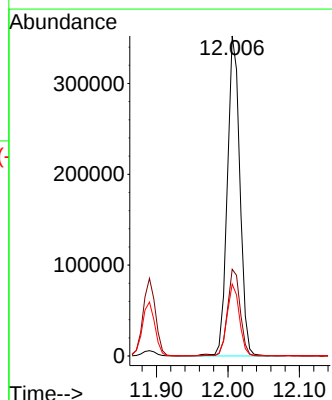
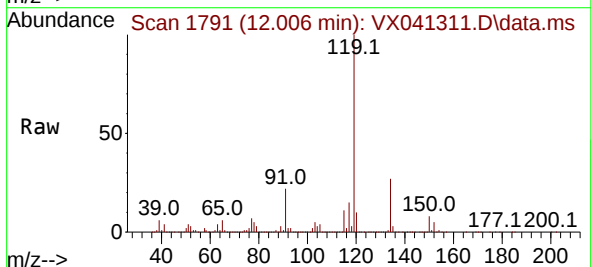
Tgt Ion:119 Resp: 429059

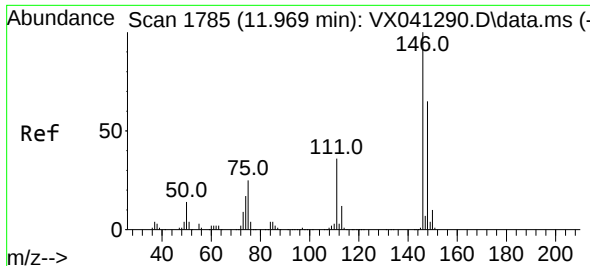
Ion Ratio Lower Upper

119 100

134 27.3 12.8 38.3

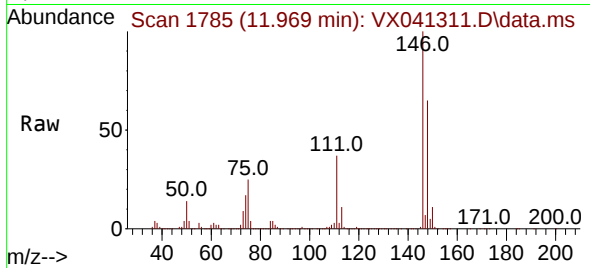
91 21.9 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 50.449 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

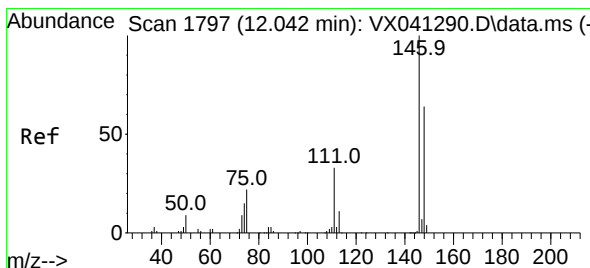
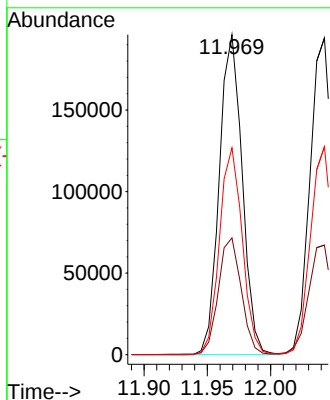
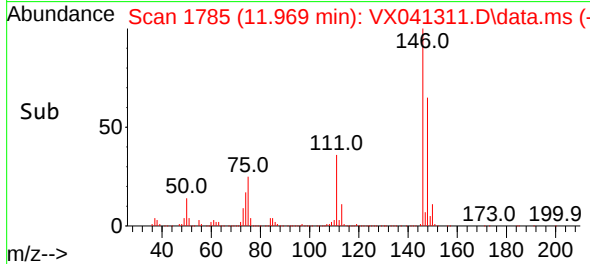
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



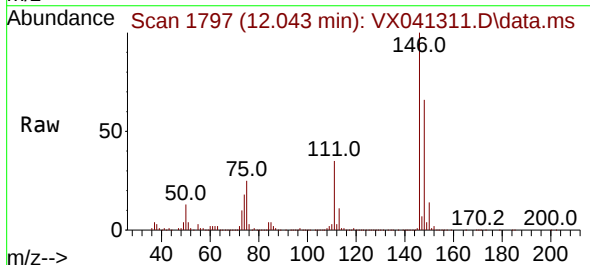
Tgt Ion:146 Resp: 246814
Ion Ratio Lower Upper
146 100
111 36.5 22.1 66.1
148 64.4 31.8 95.3

Manual Integrations
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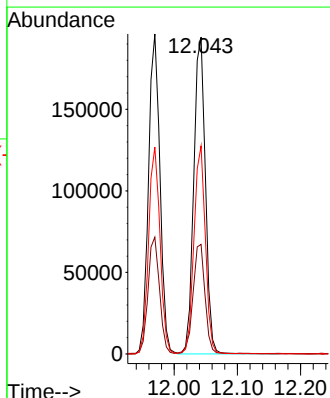
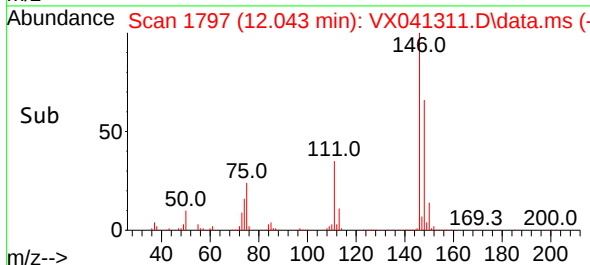
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024

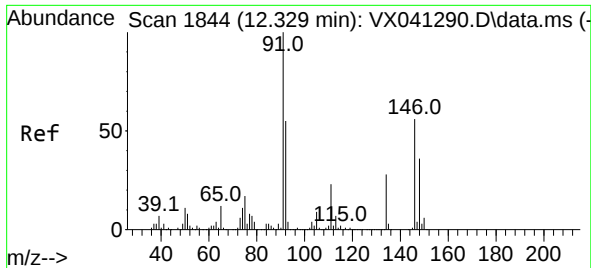


#88
1,4-Dichlorobenzene
Concen: 49.341 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44



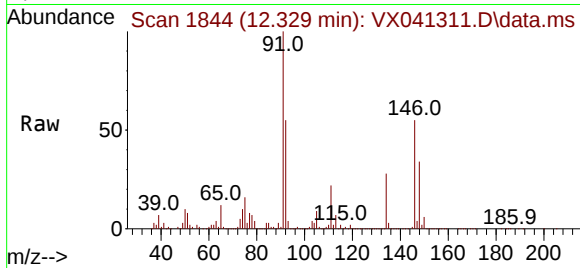
Tgt Ion:146 Resp: 248705
Ion Ratio Lower Upper
146 100
111 35.4 21.3 63.7
148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 55.465 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

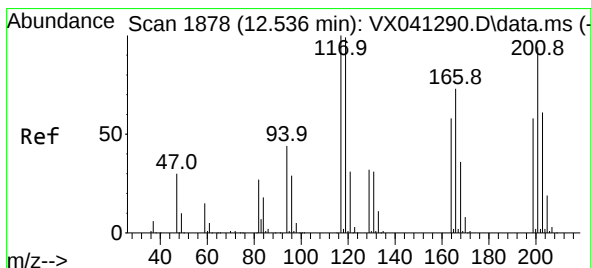
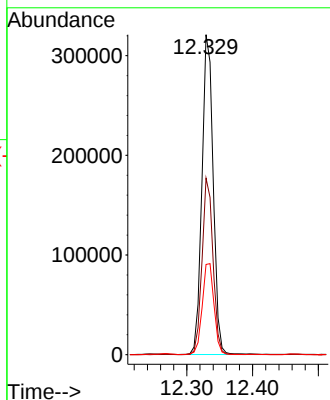
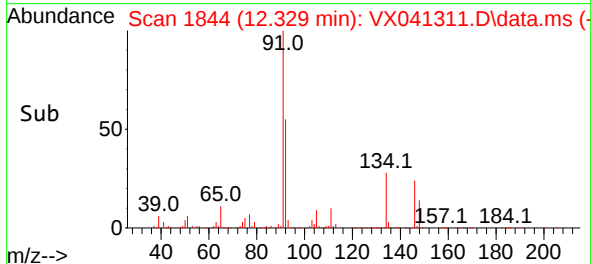
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 382152
Ion Ratio Lower Upper
91 100
92 54.1 27.4 82.0
134 29.7 12.6 37.8

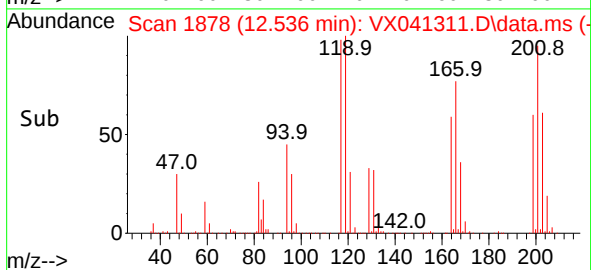
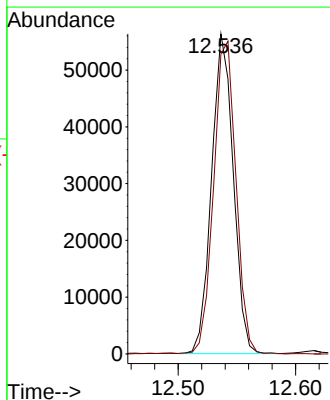
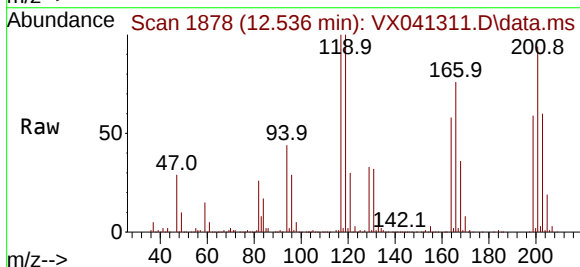
Manual Integrations
APPROVED

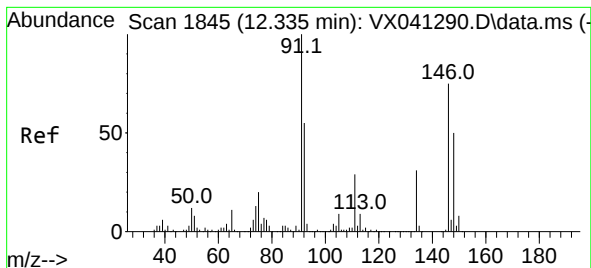
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#90
Hexachloroethane
Concen: 50.571 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

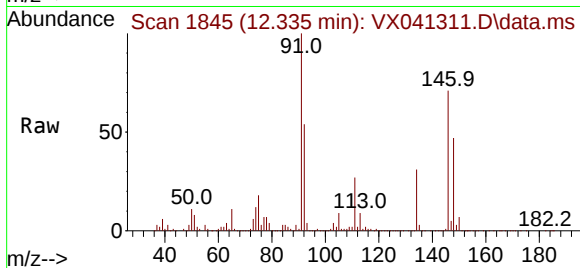
Tgt Ion:117 Resp: 72465
Ion Ratio Lower Upper
117 100
201 100.8 32.9 98.6#





#91
1,2-Dichlorobenzene
Concen: 51.201 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

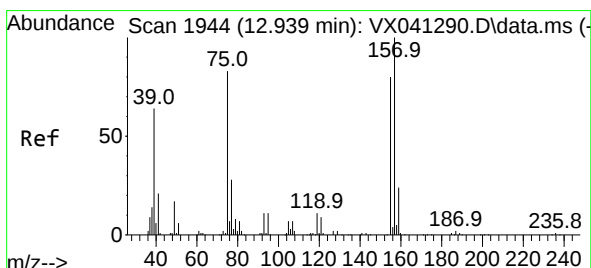
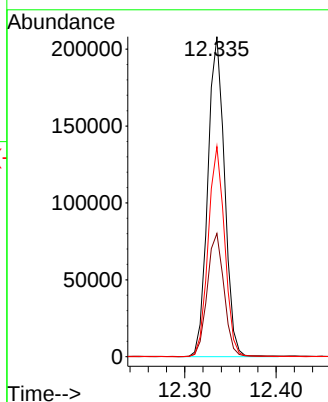
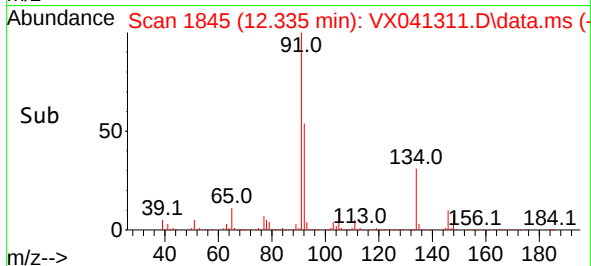
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 264582
Ion Ratio Lower Upper
146 100
111 38.4 22.4 67.0
148 64.5 31.6 95.0

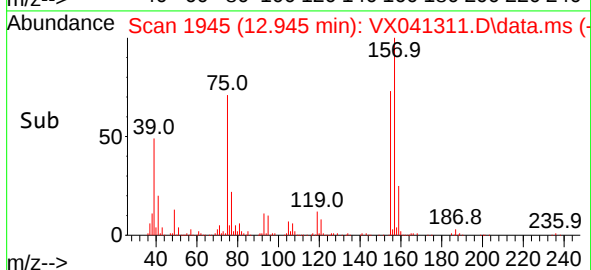
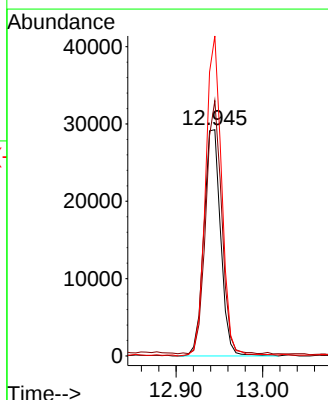
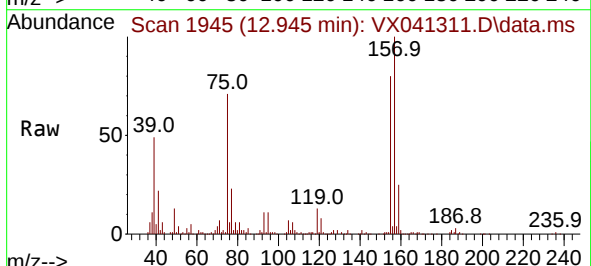
Manual Integrations
APPROVED

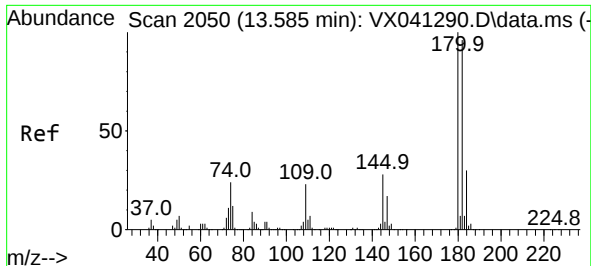
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.644 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

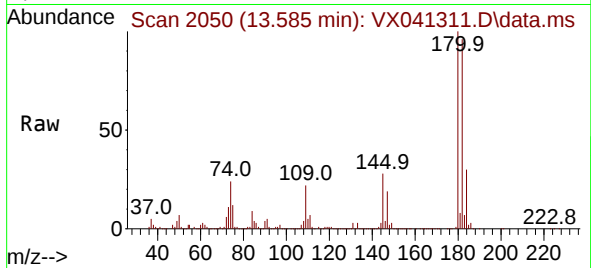
Tgt Ion: 75 Resp: 39459
Ion Ratio Lower Upper
75 100
155 105.0 36.1 108.5
157 135.3 44.9 134.7#





#93
1,2,4-Trichlorobenzene
Concen: 55.649 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

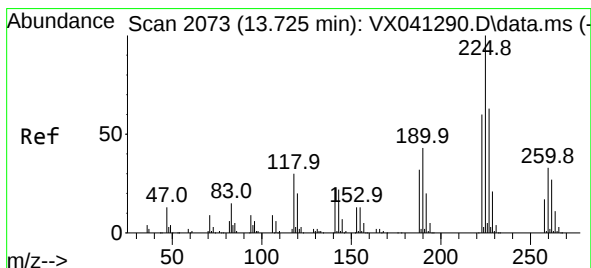
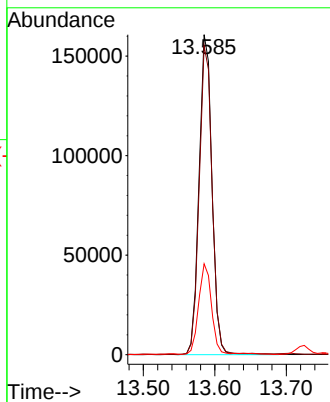
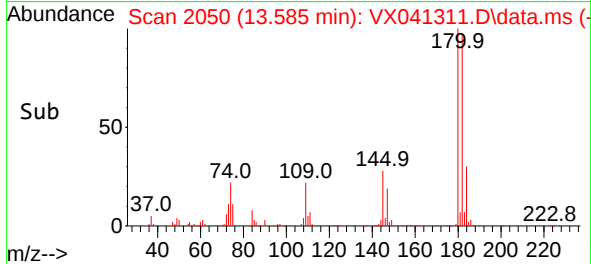
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 201010
Ion Ratio Lower Upper
180 100
182 96.3 48.3 144.8
145 28.2 18.0 54.0

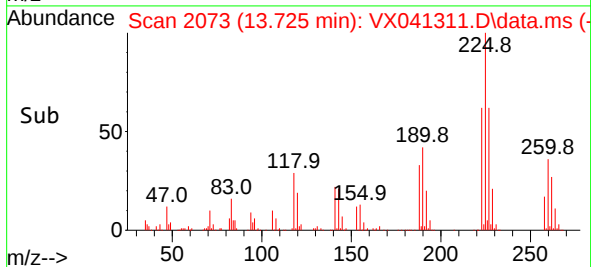
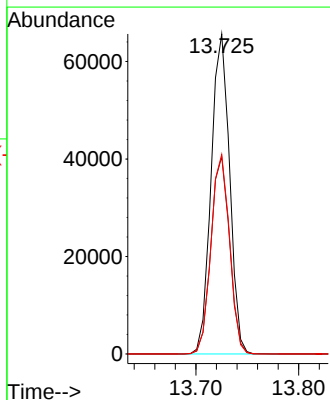
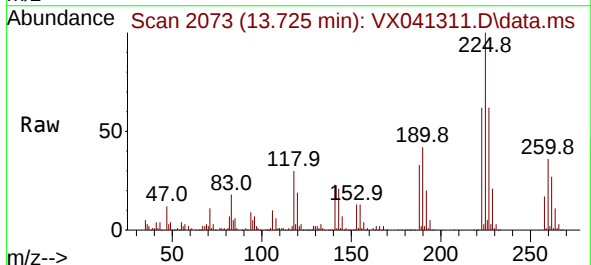
Manual Integrations
APPROVED

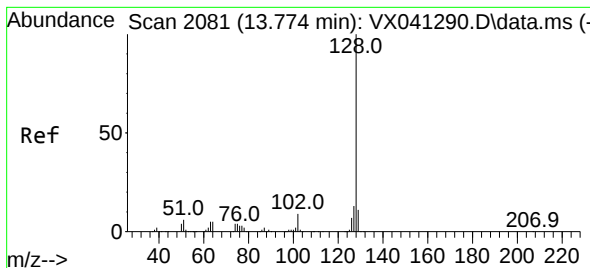
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#94
Hexachlorobutadiene
Concen: 45.305 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX041311.D
Acq: 30 Apr 2024 19:44

Tgt Ion:225 Resp: 81721
Ion Ratio Lower Upper
225 100
223 62.0 31.1 93.2
227 62.8 32.5 97.5





#95

Naphthalene

Concen: 58.786 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 62925

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

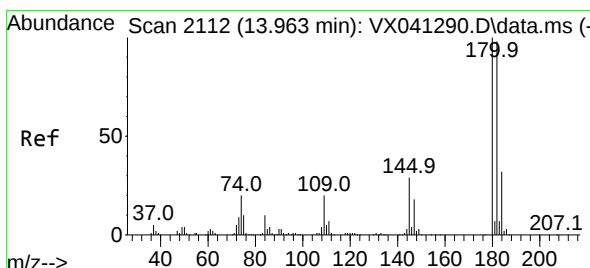
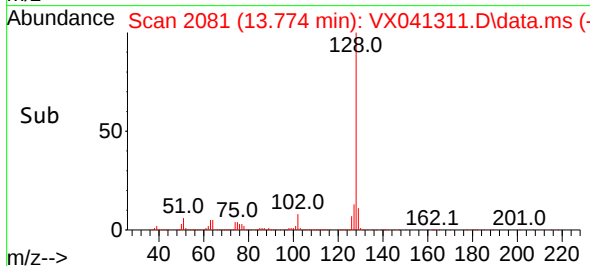
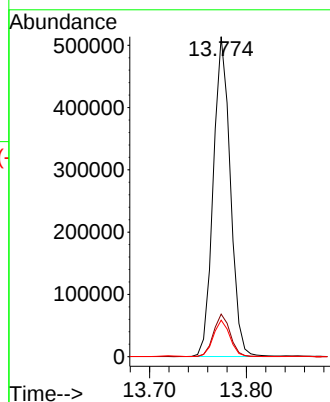
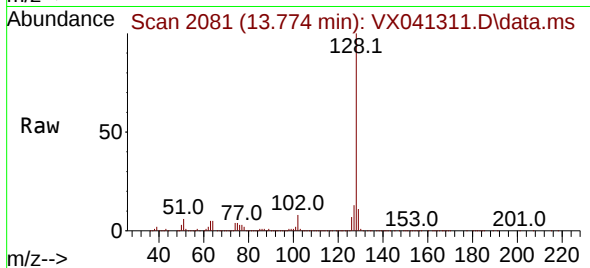
129 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2024

Supervised By :Semsettin Yesilyurt 05/01/2024



#96

1,2,3-Trichlorobenzene

Concen: 54.698 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041311.D

Acq: 30 Apr 2024 19:44

Tgt Ion:180 Resp: 201925

Ion Ratio Lower Upper

180 100

182 96.7 46.9 140.6

145 31.9 17.8 53.5

