

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040472.D
 Acq On : 26 Feb 2024 19:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/27/2024
 Supervised By : Semsettin Yesilyurt 02/27/2024

Quant Time: Feb 27 05:13:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	85796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	145620	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67304	46.902	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.800%		
35) Dibromofluoromethane	5.385	113	47811	47.215	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.420%		
50) Toluene-d8	8.647	98	173796	47.282	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.560%		
62) 4-Bromofluorobenzene	11.079	95	67701	48.318	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.640%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50396	47.200	ug/l	98
3) Chloromethane	1.301	50	49731	46.958	ug/l	98
4) Vinyl Chloride	1.374	62	53642	46.840	ug/l	99
5) Bromomethane	1.599	94	32431	50.958	ug/l	96
6) Chloroethane	1.679	64	32440	44.760	ug/l	97
7) Trichlorofluoromethane	1.886	101	87395	48.318	ug/l	97
8) Diethyl Ether	2.136	74	30639	48.462	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	45052	46.273	ug/l	98
10) Methyl Iodide	2.447	142	46054	45.923	ug/l	97
11) Tert butyl alcohol	2.965	59	64487	267.327	ug/l #	90
12) 1,1-Dichloroethene	2.313	96	44041	45.055	ug/l	98
13) Acrolein	2.233	56	59298	383.415	ug/l	99
14) Allyl chloride	2.660	41	81278	47.528	ug/l	93
15) Acrylonitrile	3.062	53	151842	250.937	ug/l	99
16) Acetone	2.380	43	141304	301.948	ug/l	99
17) Carbon Disulfide	2.508	76	118094	43.627	ug/l	100
18) Methyl Acetate	2.703	43	76649	53.127	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	162491	48.735	ug/l	99
20) Methylene Chloride	2.788	84	50842	45.399	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	47808	45.860	ug/l	96
22) Diisopropyl ether	3.764	45	163273	47.510	ug/l	92
23) Vinyl Acetate	3.721	43	770345	244.709	ug/l	99
24) 1,1-Dichloroethane	3.611	63	94801	47.305	ug/l	98
25) 2-Butanone	4.556	43	222796	273.252	ug/l	97
26) 2,2-Dichloropropane	4.477	77	68181	42.731	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	55078	45.162	ug/l	98
28) Bromochloromethane	4.898	49	35449	42.287	ug/l	99
29) Tetrahydrofuran	5.001	42	146389	257.363	ug/l	99
30) Chloroform	5.099	83	101332	47.637	ug/l	98
31) Cyclohexane	5.471	56	77598	47.730	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	87321	48.096	ug/l	98
36) 1,1-Dichloropropene	5.690	75	71344	45.729	ug/l	99
37) Ethyl Acetate	4.715	43	84549	49.518	ug/l	99
38) Carbon Tetrachloride	5.678	117	73096	48.498	ug/l	96
39) Methylcyclohexane	7.379	83	80142	47.578	ug/l	100
40) Benzene	6.038	78	201829	47.782	ug/l	96

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Instrument :
 MSVOA_X
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 VSTDC0050EC

Manual Integrations
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	46643	48.905	ug/l	95
42) 1,2-Dichloroethane	6.086	62	87084	49.812	ug/l	98
43) Isopropyl Acetate	6.342	43	133994	50.013	ug/l	98
44) Trichloroethene	7.123	130	52828	46.504	ug/l	95
45) 1,2-Dichloropropane	7.434	63	54913	48.576	ug/l	99
46) Dibromomethane	7.580	93	40788	49.076	ug/l	98
47) Bromodichloromethane	7.824	83	79793	48.761	ug/l	99
48) Methyl methacrylate	7.690	41	69367	51.801	ug/l	93
49) 1,4-Dioxane	7.659	88	26617	1050.741	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	463910	261.894	ug/l	99
52) Toluene	8.720	92	126991	48.987	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	79890	48.106	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	85539	47.919	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	53897	50.099	ug/l	95
56) Ethyl methacrylate	9.116	69	83637	50.282	ug/l #	92
57) 1,3-Dichloropropane	9.305	76	91239	48.693	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	224442	257.349	ug/l	96
59) 2-Hexanone	9.427	43	363919	267.214	ug/l	98
60) Dibromochloromethane	9.519	129	57525	49.230	ug/l	98
61) 1,2-Dibromoethane	9.610	107	58756	50.051	ug/l	100
64) Tetrachloroethene	9.275	164	46547	48.639	ug/l	98
65) Chlorobenzene	10.079	112	138012	47.600	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	51432	50.335	ug/l	98
67) Ethyl Benzene	10.195	91	261315	49.236	ug/l	97
68) m/p-Xylenes	10.299	106	188807	95.265	ug/l	94
69) o-Xylene	10.640	106	92773	48.942	ug/l	95
70) Styrene	10.653	104	158175	50.056	ug/l	99
71) Bromoform	10.799	173	42228	50.487	ug/l #	99
73) Isopropylbenzene	10.963	105	250218	49.406	ug/l	100
74) N-amyl acetate	10.842	43	121529	51.667	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	89550	48.892	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	75738m	50.042	ug/l	
77) Bromobenzene	11.195	156	57950	48.392	ug/l	98
78) n-propylbenzene	11.305	91	309191	49.219	ug/l	98
79) 2-Chlorotoluene	11.366	91	180359	47.693	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	215347	49.997	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	22999	46.179	ug/l	99
82) 4-Chlorotoluene	11.451	91	210859	48.217	ug/l	99
83) tert-Butylbenzene	11.713	119	201665	49.662	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	214678	50.235	ug/l	99
85) sec-Butylbenzene	11.890	105	268135	50.263	ug/l	100
86) p-Isopropyltoluene	12.006	119	220347	50.110	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	113674	47.622	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	113612	46.756	ug/l	100
89) n-Butylbenzene	12.335	91	211015	48.776	ug/l	96
90) Hexachloroethane	12.536	117	37476	51.207	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	110694	48.664	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22797	53.389	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	71220	47.976	ug/l	98
94) Hexachlorobutadiene	13.725	225	27988	46.131	ug/l	97
95) Naphthalene	13.774	128	241756	50.961	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	69963	49.579	ug/l	98

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MSVOA_X
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VSTDCCC050EC

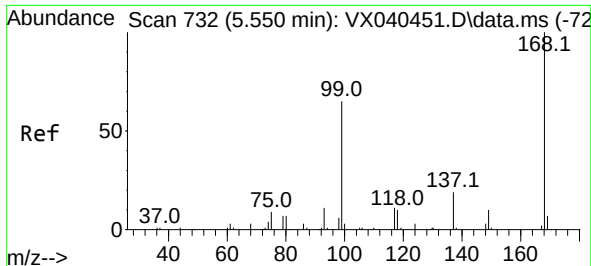
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2024
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Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration

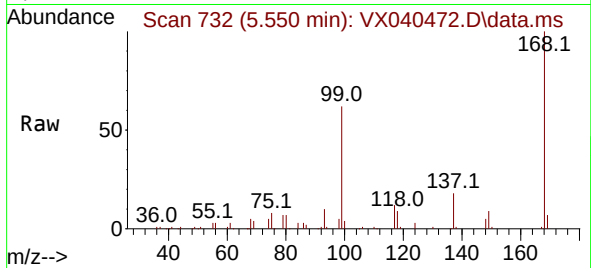
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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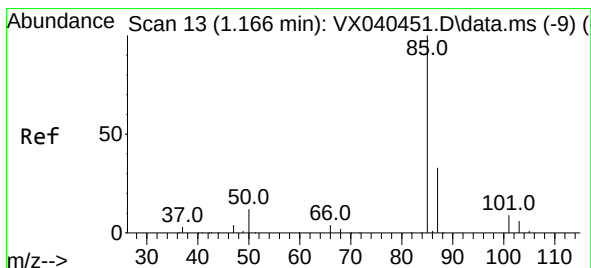
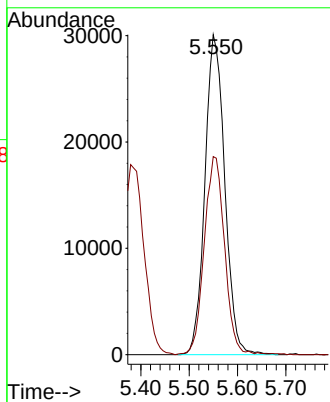
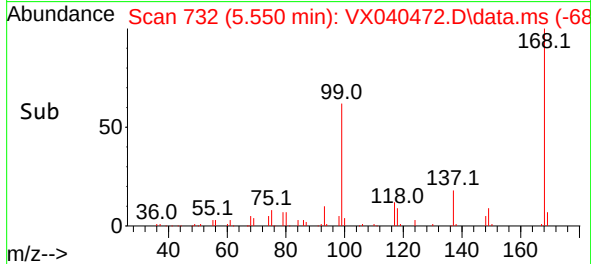
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 85790
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0

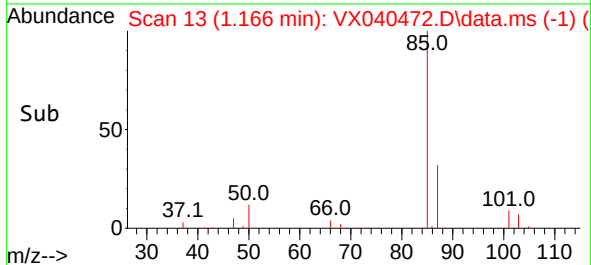
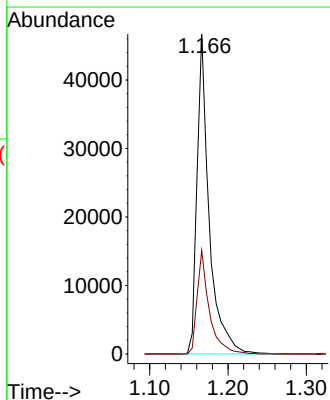
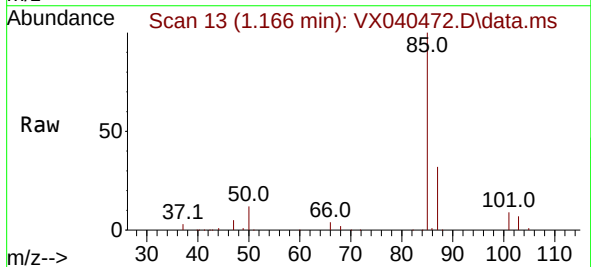
Manual Integrations
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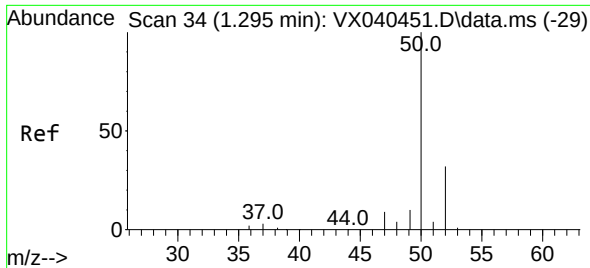
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#2
Dichlorodifluoromethane
Concen: 47.200 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Tgt Ion: 85 Resp: 50396
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1





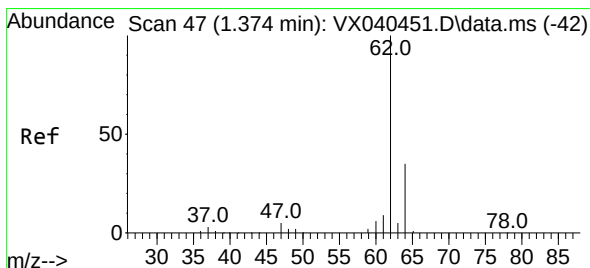
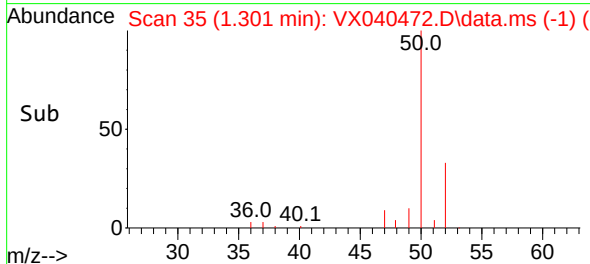
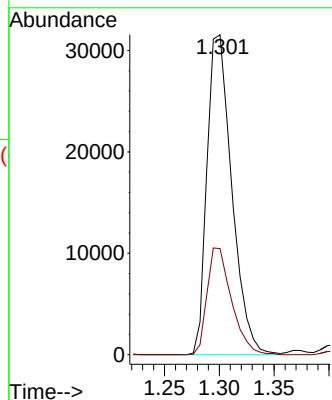
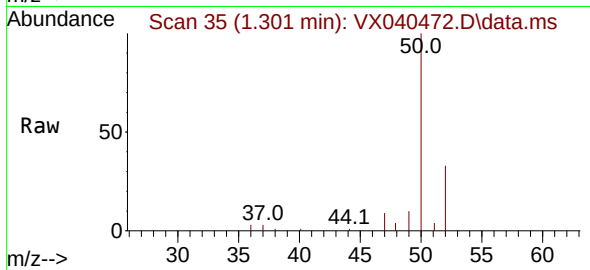
#3
Chloromethane
Concen: 46.958 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 4973
Ion Ratio Lower Upper
50 100
52 33.2 25.5 38.3

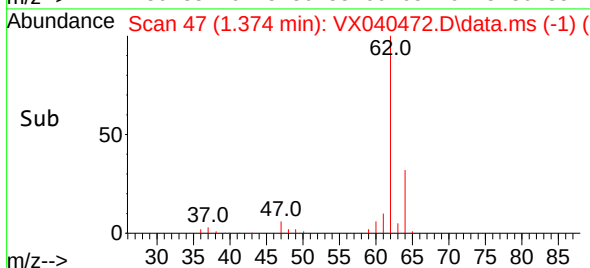
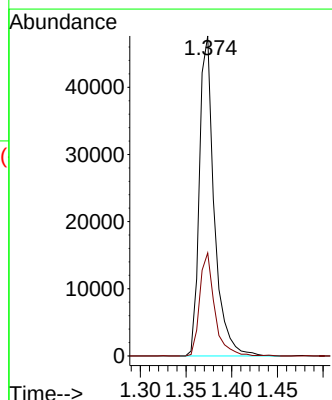
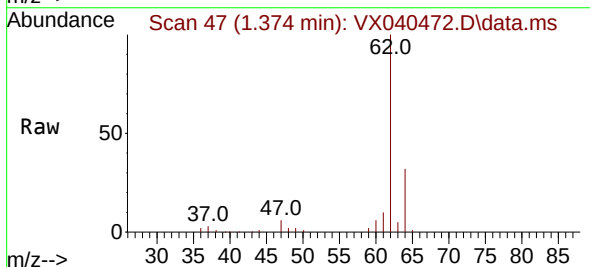
Manual Integrations
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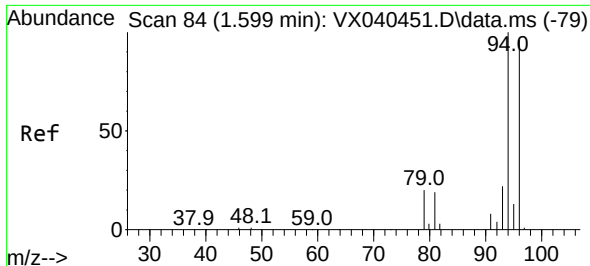
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#4
Vinyl Chloride
Concen: 46.840 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

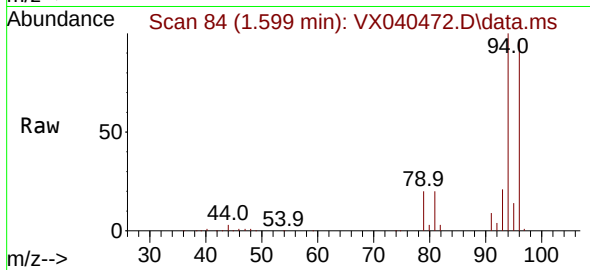
Tgt Ion: 62 Resp: 53642
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5
Bromomethane
Concen: 50.958 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

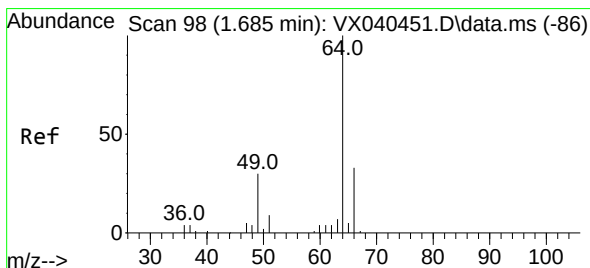
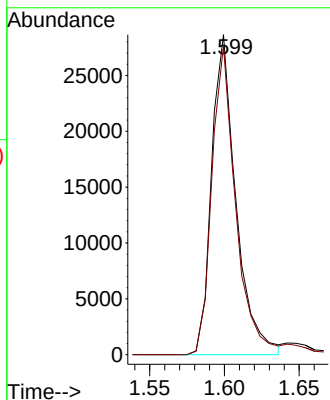
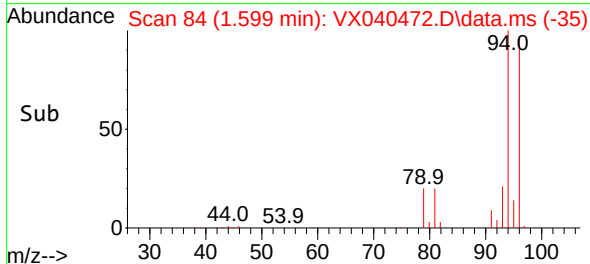
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 3243
Ion Ratio Lower Upper
94 100
96 96.6 74.6 111.8

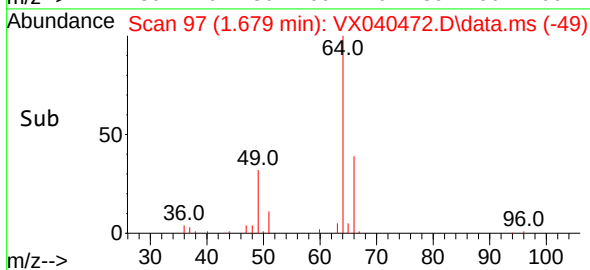
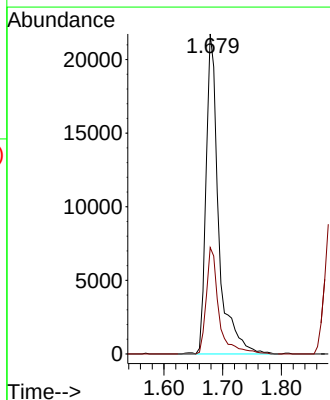
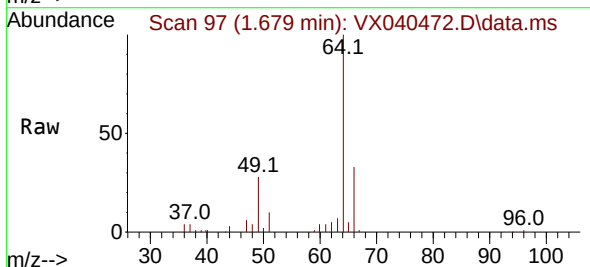
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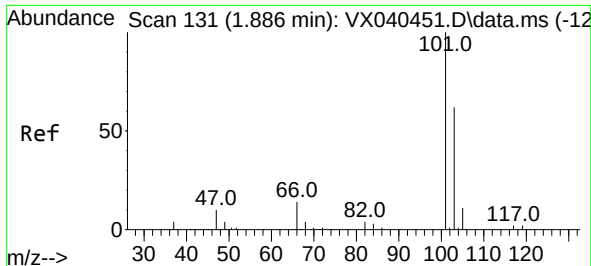
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#6
Chloroethane
Concen: 44.760 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX040472.D
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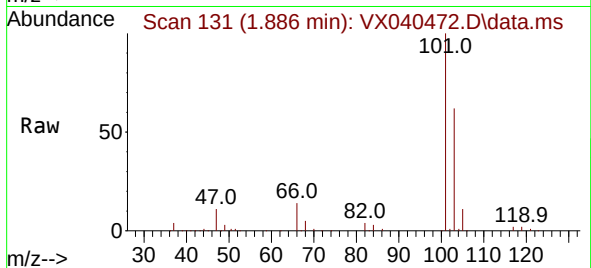
Tgt Ion: 64 Resp: 32440
Ion Ratio Lower Upper
64 100
66 33.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 48.318 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

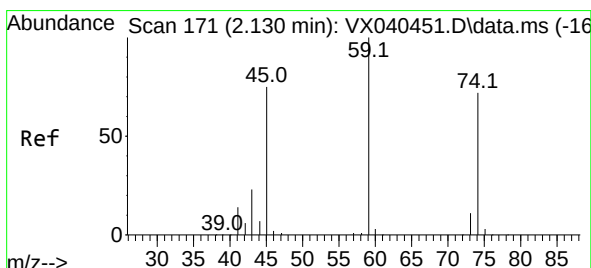
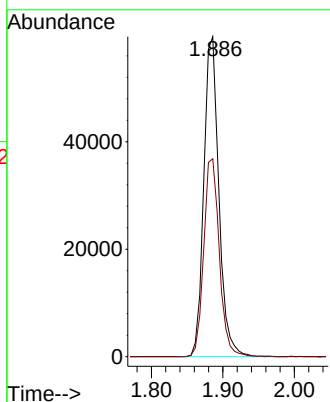
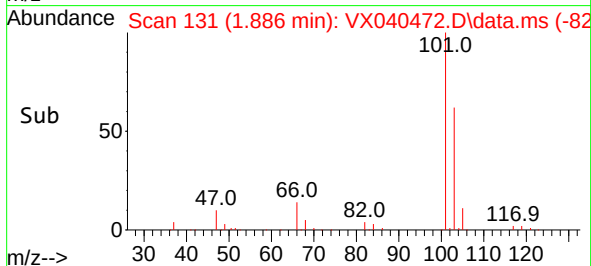
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 8739
Ion Ratio Lower Upper
101 100
103 61.9 51.4 77.2

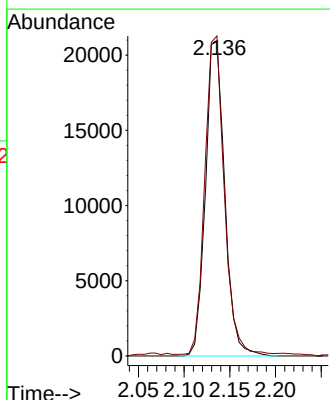
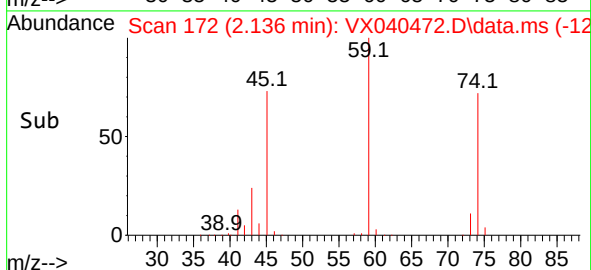
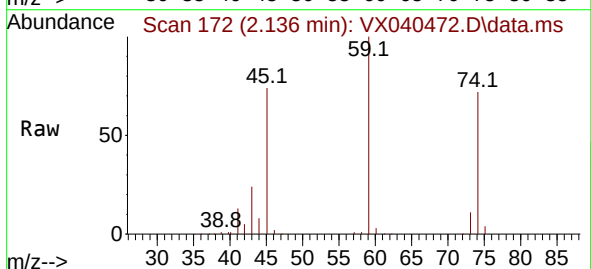
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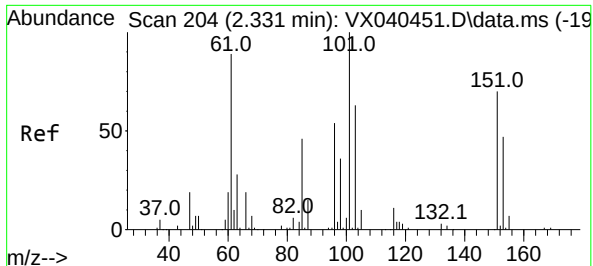
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#8
Diethyl Ether
Concen: 48.462 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Tgt Ion: 74 Resp: 30639
Ion Ratio Lower Upper
74 100
45 101.3 53.3 159.8





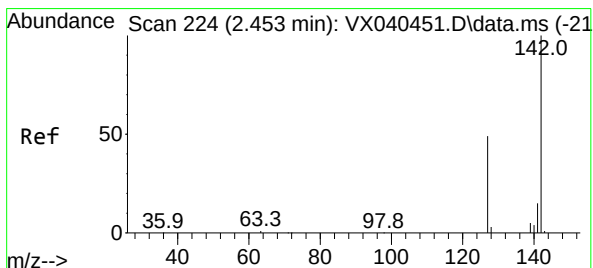
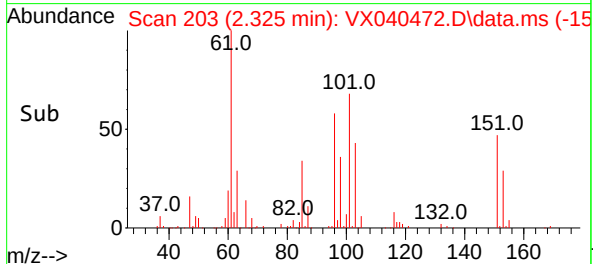
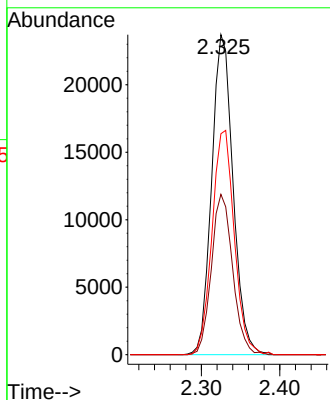
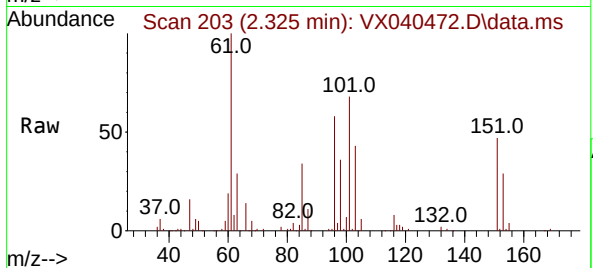
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.273 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Instrument :
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Tgt Ion:101 Resp: 45052
Ion Ratio Lower Upper
101 100
85 49.8 37.0 55.6
151 73.0 58.6 87.8

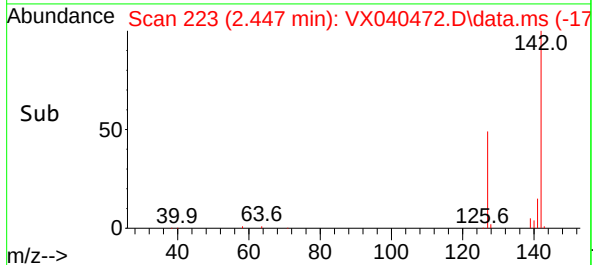
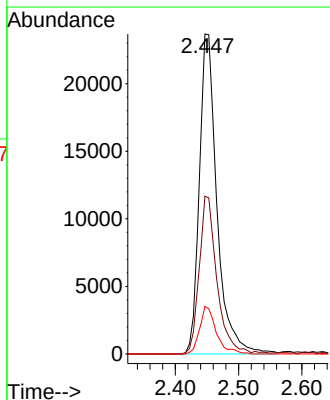
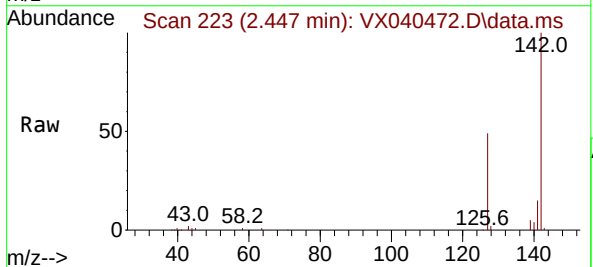
Manual Integrations
APPROVED

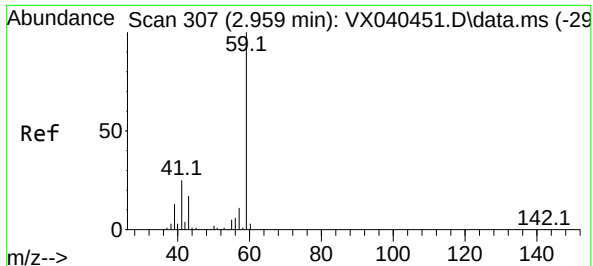
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#10
Methyl Iodide
Concen: 45.923 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

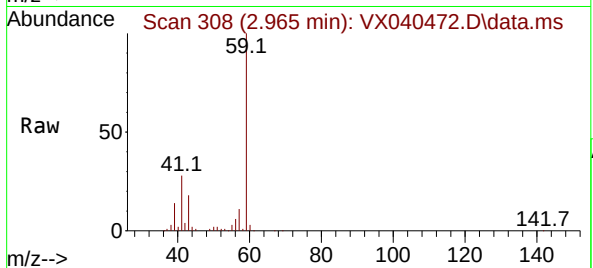
Tgt Ion:142 Resp: 46054
Ion Ratio Lower Upper
142 100
127 49.6 41.6 62.4
141 14.0 11.6 17.4





#11
Tert butyl alcohol
Concen: 267.327 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

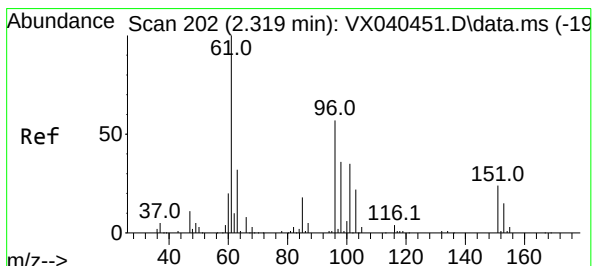
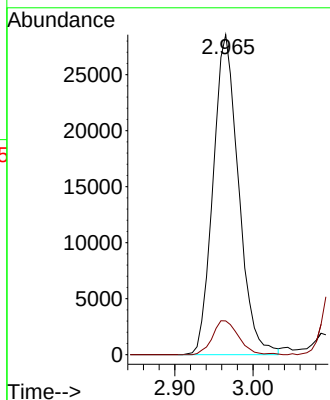
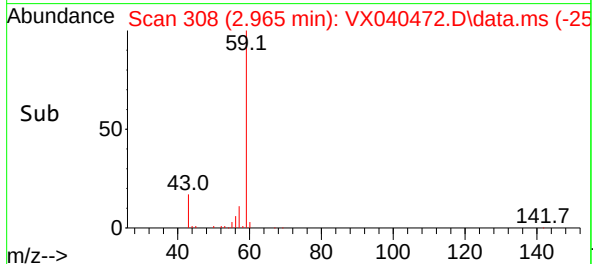
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 6448
Ion Ratio Lower Upper
59 100
57 10.9 6.0 9.0

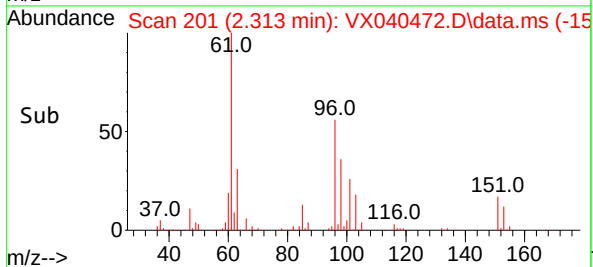
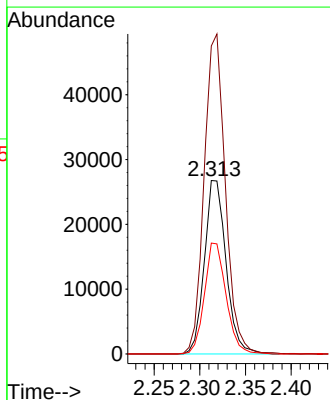
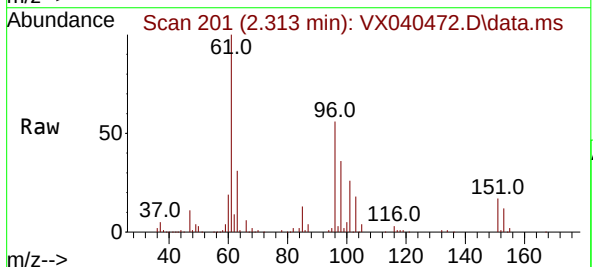
Manual Integrations
APPROVED

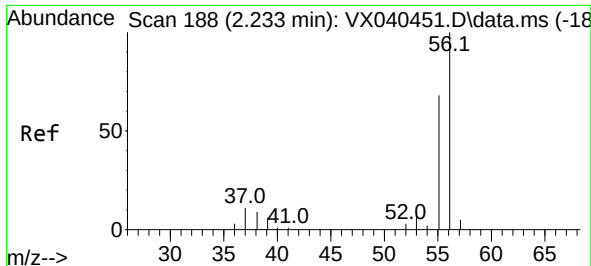
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#12
1,1-Dichloroethene
Concen: 45.055 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

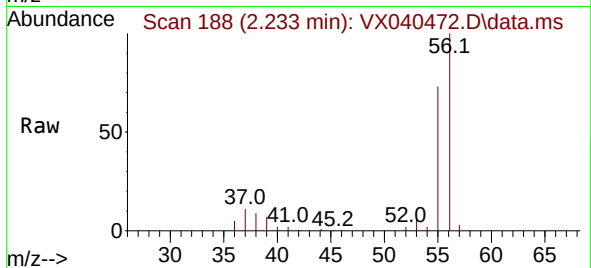
Tgt Ion: 96 Resp: 44041
Ion Ratio Lower Upper
96 100
61 177.5 144.6 216.8
98 63.9 50.4 75.6





#13
Acrolein
Concen: 383.415 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

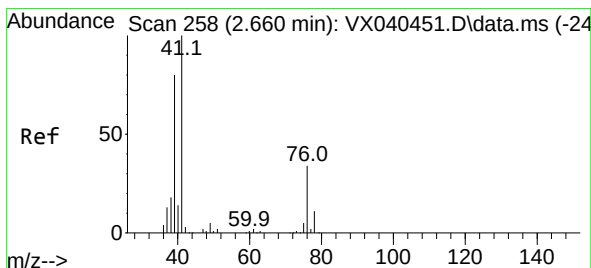
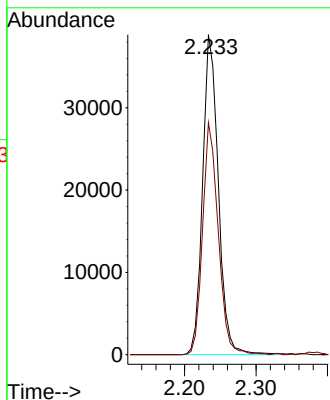
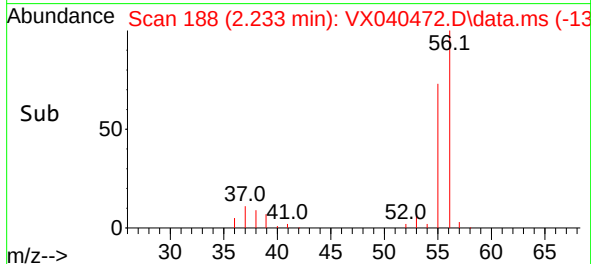
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 59298
Ion Ratio Lower Upper
56 100
55 72.3 57.1 85.7

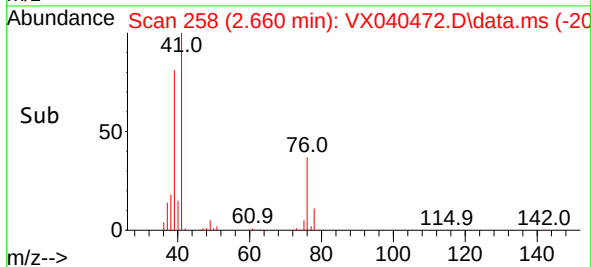
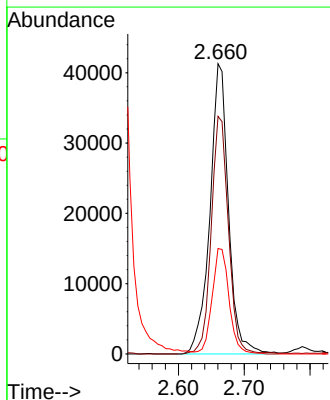
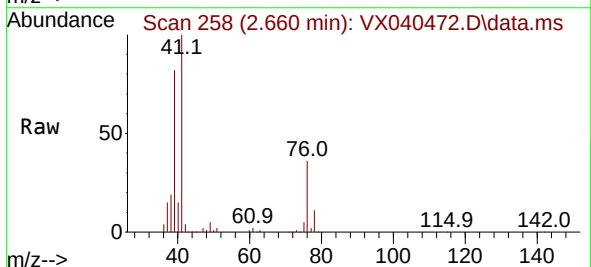
Manual Integrations
APPROVED

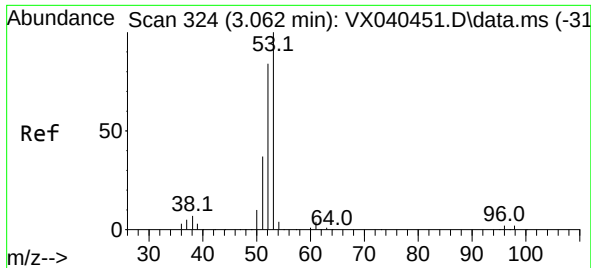
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#14
Allyl chloride
Concen: 47.528 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

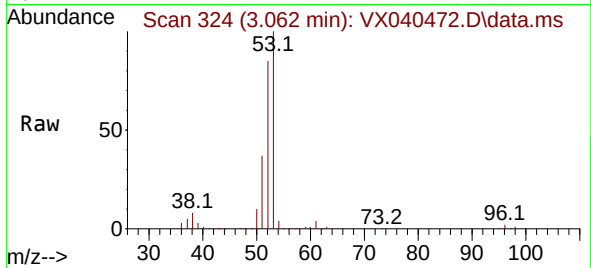
Tgt Ion: 41 Resp: 81278
Ion Ratio Lower Upper
41 100
39 75.8 55.8 83.6
76 33.2 24.3 36.5





#15
Acrylonitrile
Concen: 250.937 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

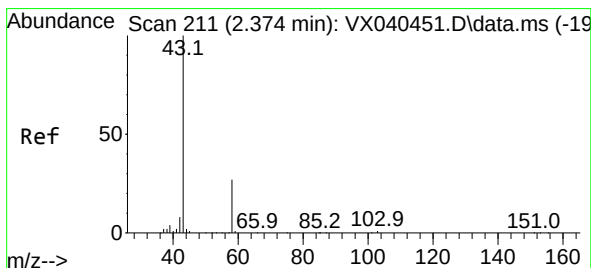
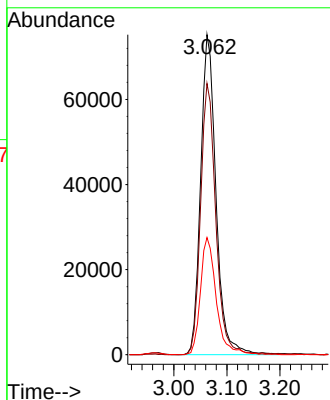
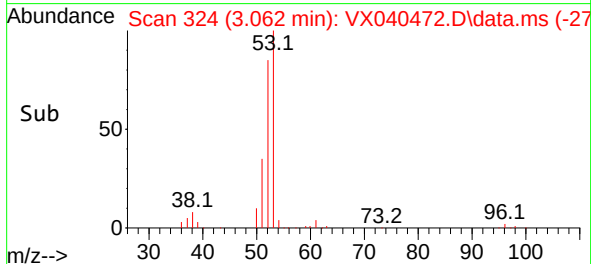
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 15184
Ion Ratio Lower Upper
53 100
52 83.6 66.0 99.0
51 37.6 29.8 44.6

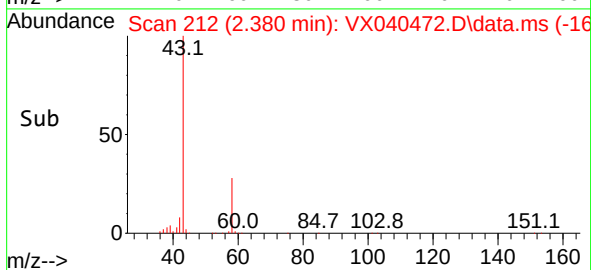
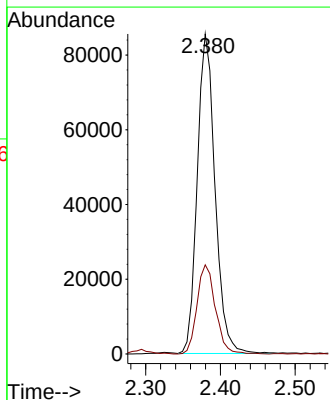
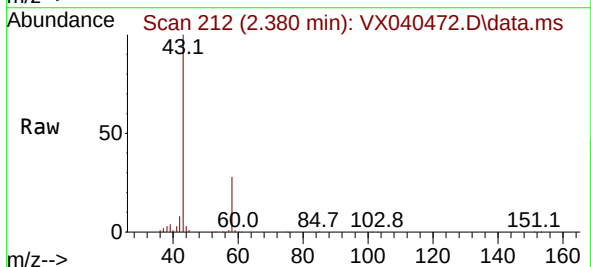
Manual Integrations
APPROVED

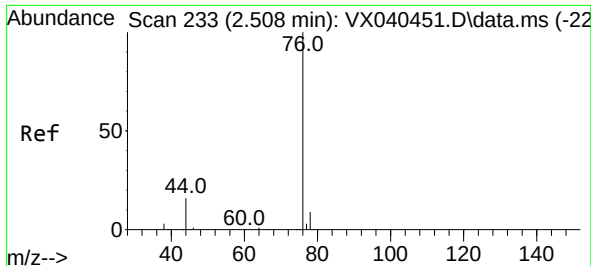
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#16
Acetone
Concen: 301.948 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

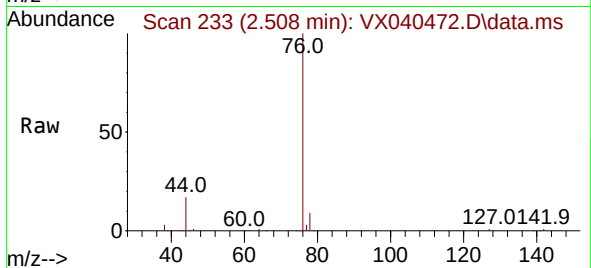
Tgt Ion: 43 Resp: 141304
Ion Ratio Lower Upper
43 100
58 27.9 21.9 32.9





#17
Carbon Disulfide
Concen: 43.627 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

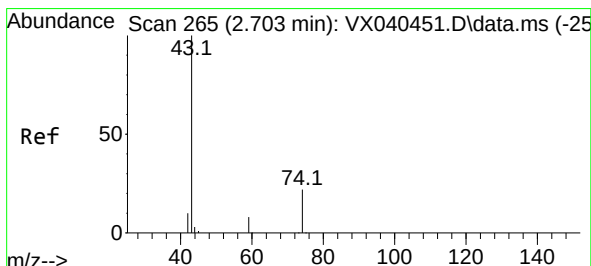
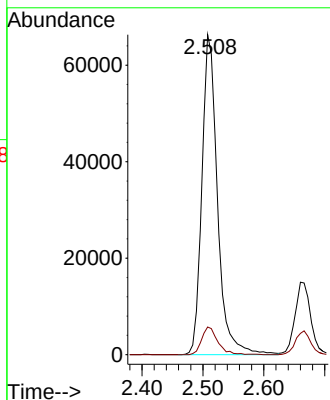
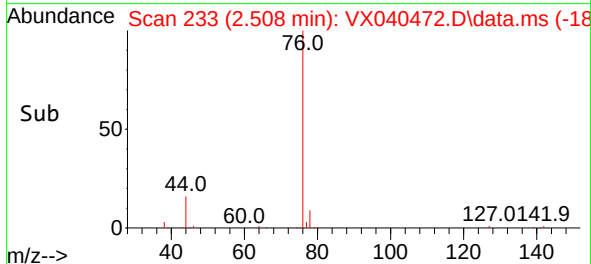
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 118094
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6

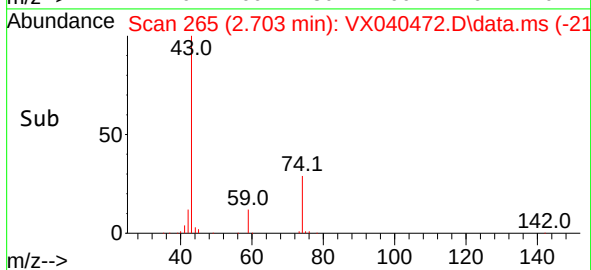
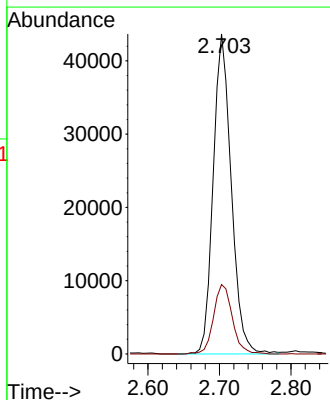
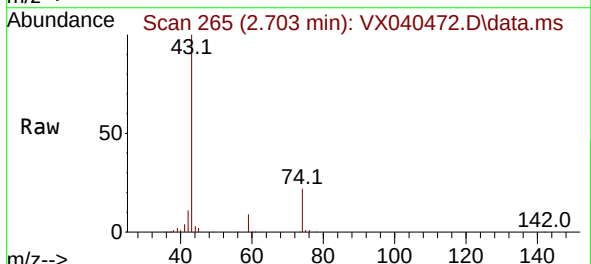
Manual Integrations
APPROVED

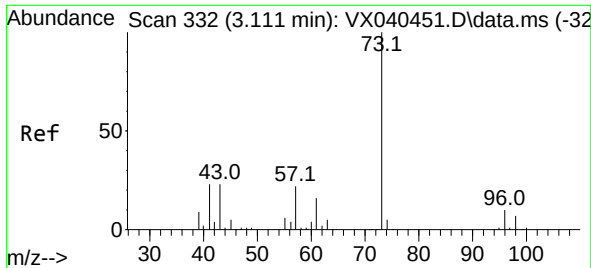
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#18
Methyl Acetate
Concen: 53.127 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Tgt Ion: 43 Resp: 76649
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.8





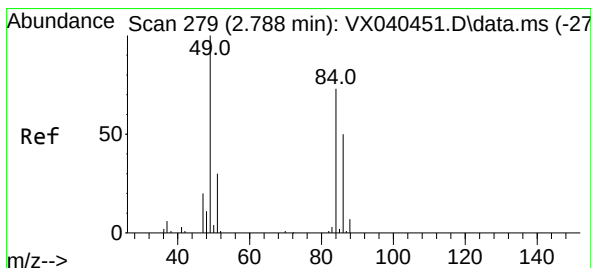
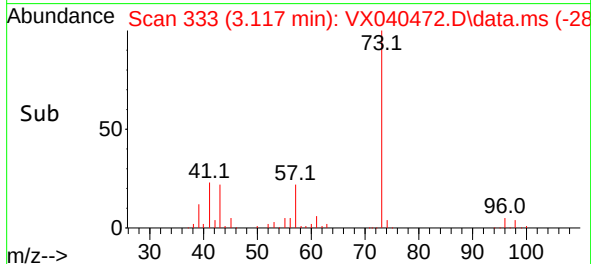
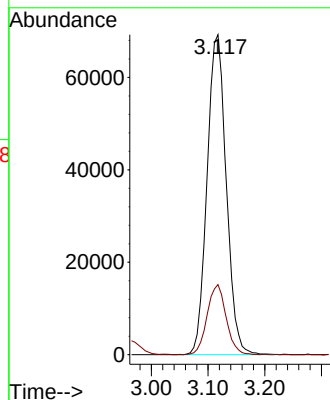
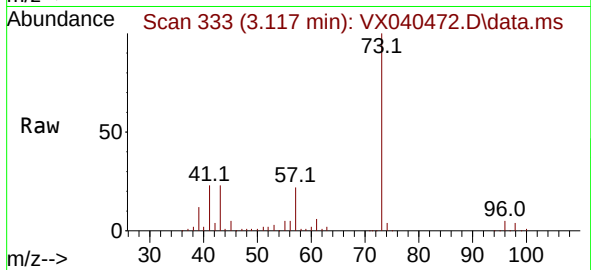
#19
Methyl tert-butyl Ether
Concen: 48.735 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 16249
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9

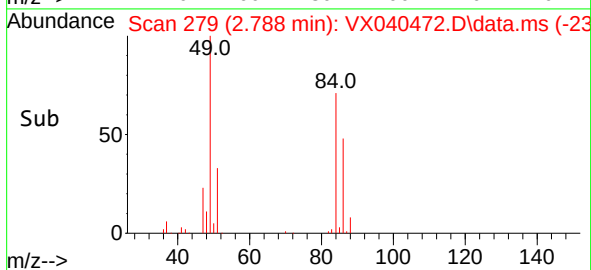
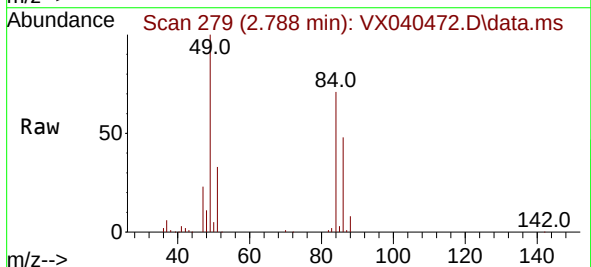
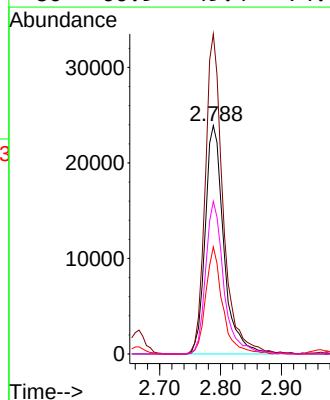
Manual Integrations
APPROVED

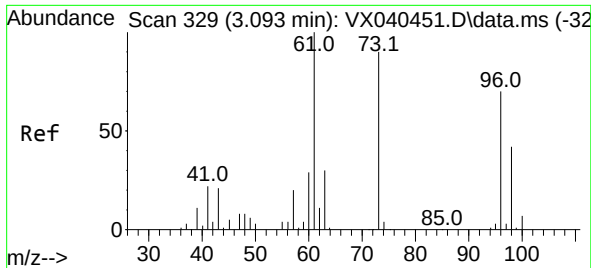
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#20
Methylene Chloride
Concen: 45.399 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

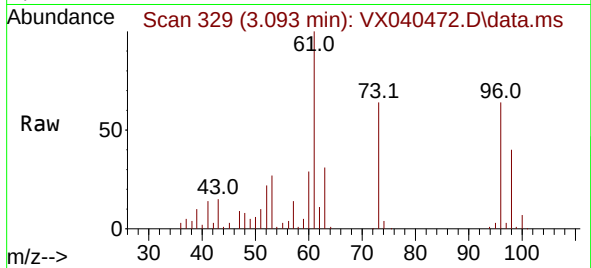
Tgt Ion: 84 Resp: 50842
Ion Ratio Lower Upper
84 100
49 140.2 103.6 155.4
51 46.9 33.8 50.6
86 66.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 45.860 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

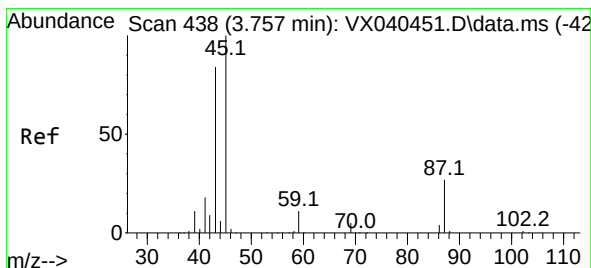
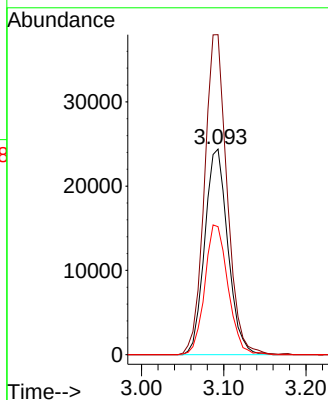
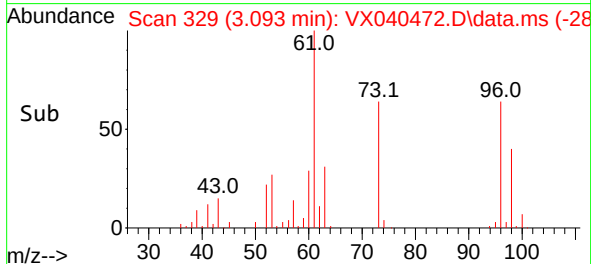
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



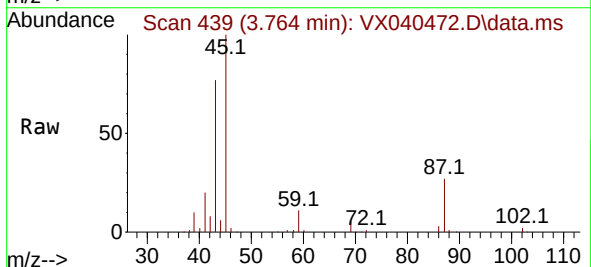
Tgt Ion: 96 Resp: 47808
Ion Ratio Lower Upper
96 100
61 155.7 119.2 178.8
98 62.3 48.7 73.1

Manual Integrations
APPROVED

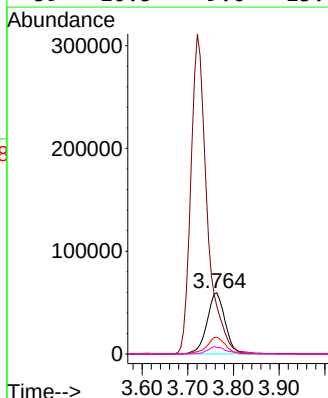
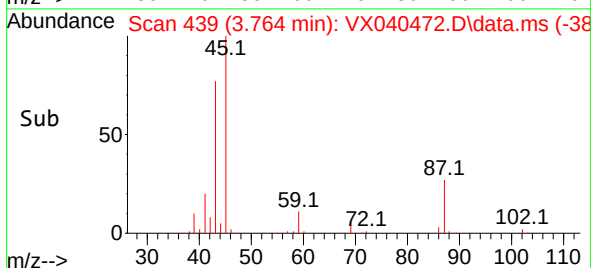
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

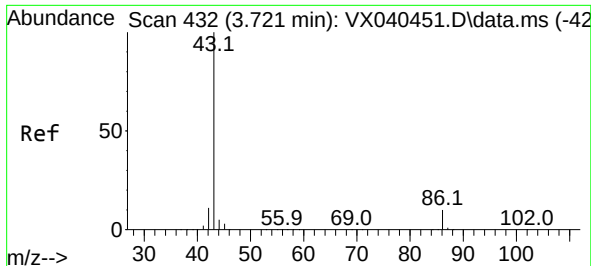


#22
Diisopropyl ether
Concen: 47.510 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44



Tgt Ion: 45 Resp: 163273
Ion Ratio Lower Upper
45 100
43 76.8 69.7 104.5
87 27.2 20.8 31.2
59 10.5 9.0 13.4





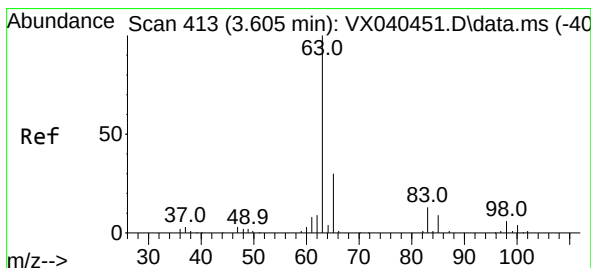
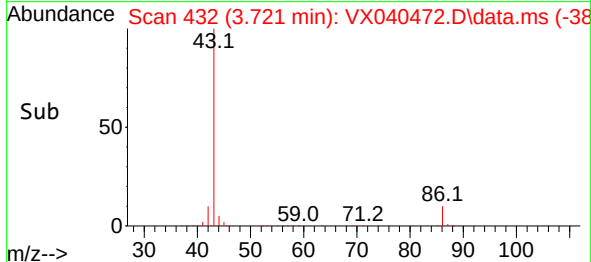
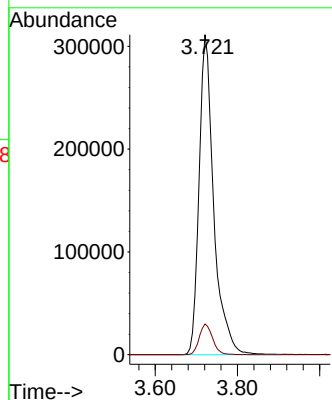
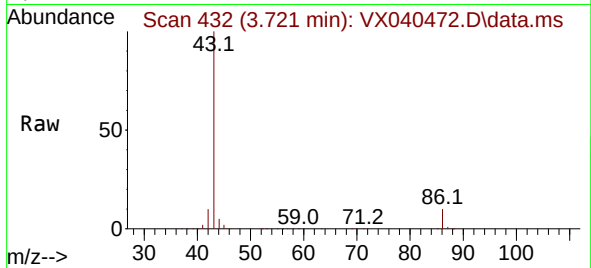
#23
Vinyl Acetate
Concen: 244.709 ug/l
RT: 3.721 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 770345
Ion Ratio Lower Upper
43 100
86 9.6 7.8 11.8

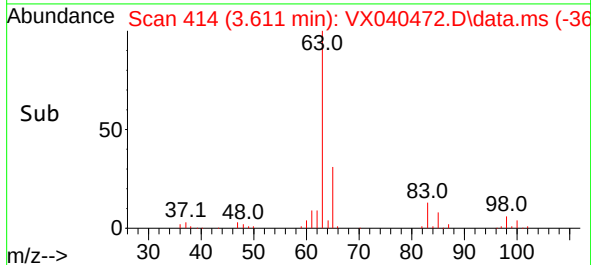
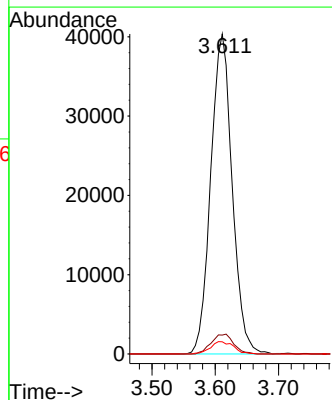
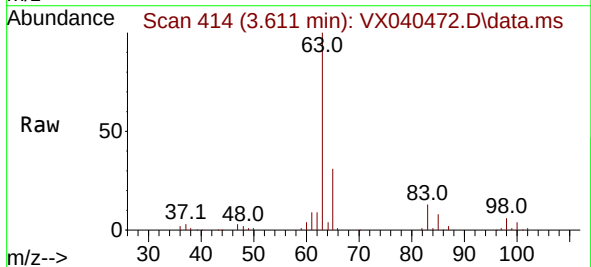
Manual Integrations
APPROVED

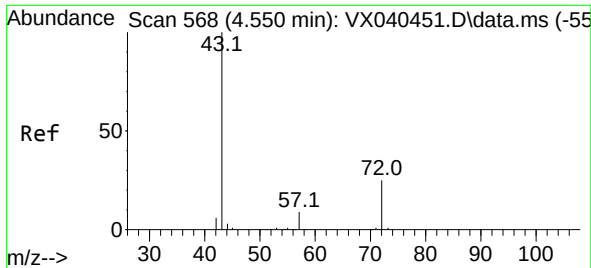
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#24
1,1-Dichloroethane
Concen: 47.305 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

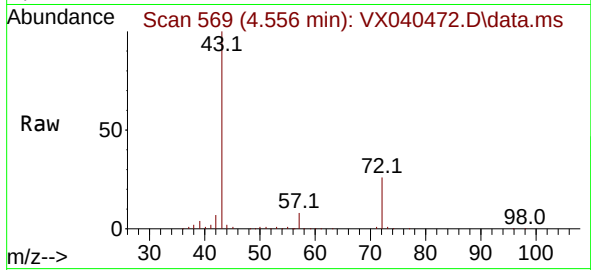
Tgt Ion: 63 Resp: 94801
Ion Ratio Lower Upper
63 100
98 5.9 3.3 9.8
100 3.8 2.1 6.5





#25
2-Butanone
Concen: 273.252 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

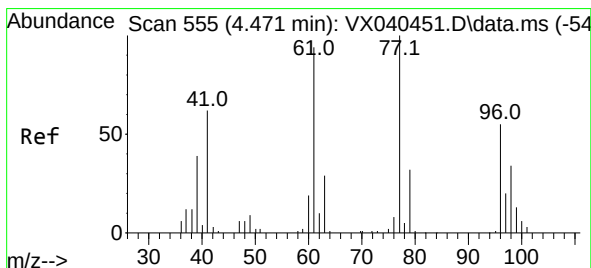
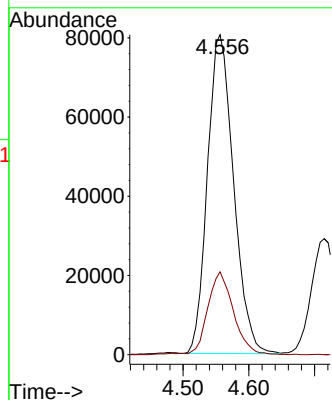
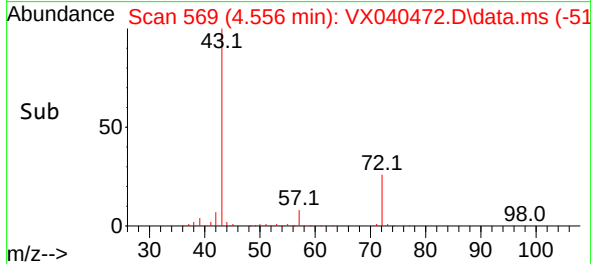
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 222790
Ion Ratio Lower Upper
43 100
72 25.9 19.4 29.2

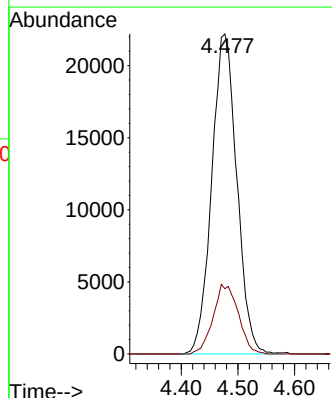
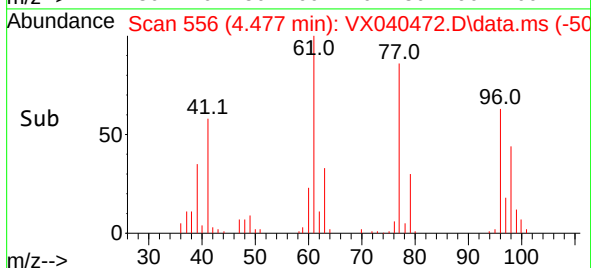
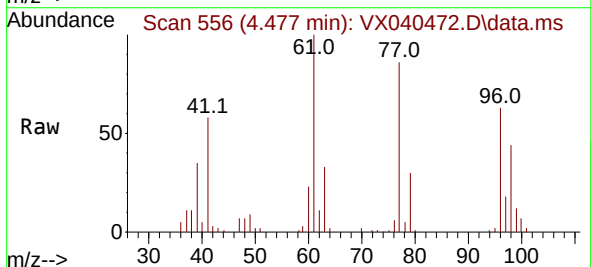
Manual Integrations
APPROVED

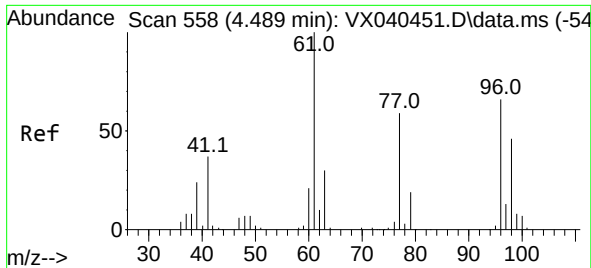
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#26
2,2-Dichloropropane
Concen: 42.731 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Tgt Ion: 77 Resp: 68181
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 45.162 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX040472.D

Acq: 26 Feb 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 55078

Ion Ratio Lower Upper

96 100

61 156.3 0.0 312.2

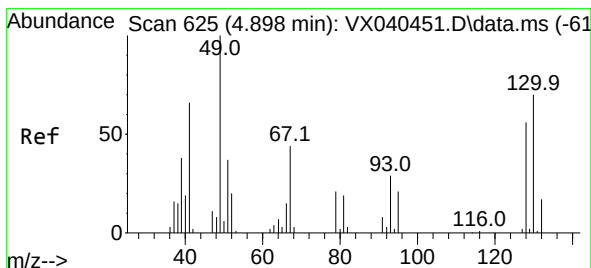
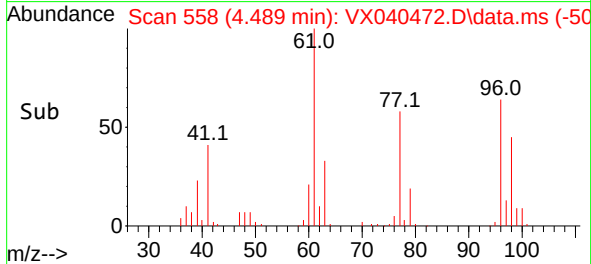
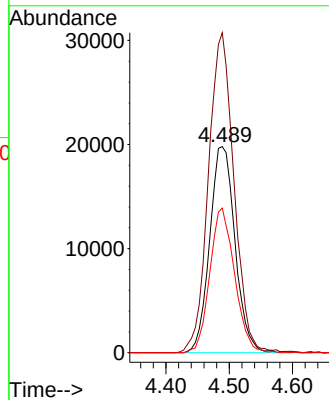
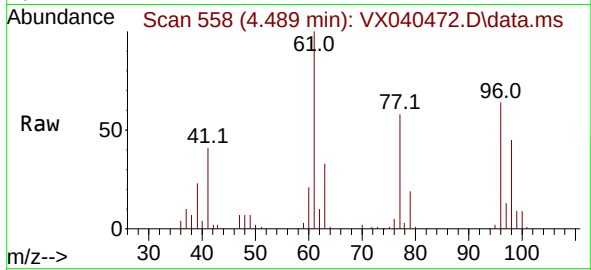
98 68.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#28

Bromochloromethane

Concen: 42.287 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX040472.D

Acq: 26 Feb 2024 19:44

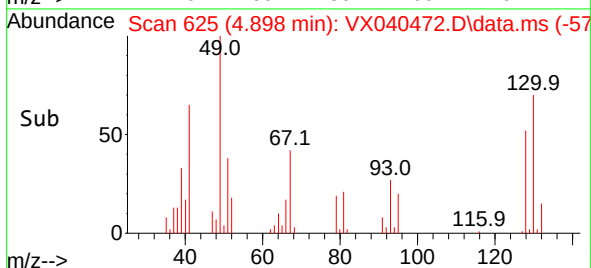
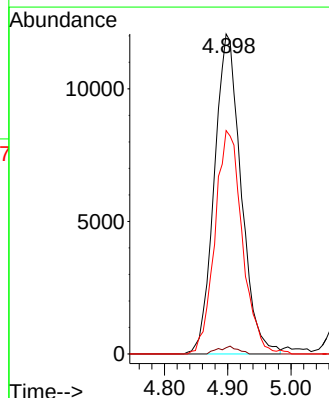
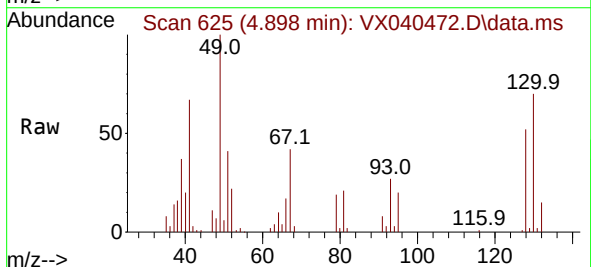
Tgt Ion: 49 Resp: 35449

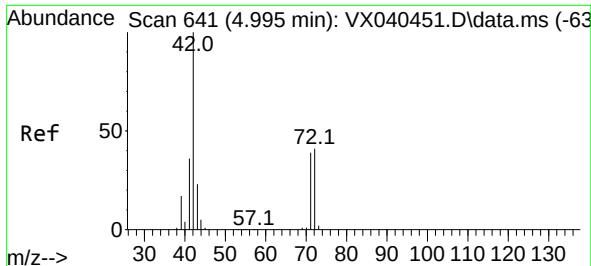
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

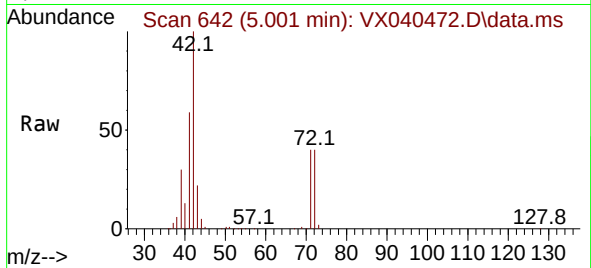
130 71.2 57.5 86.3





#29
Tetrahydrofuran
Concen: 257.363 ug/l
RT: 5.001 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

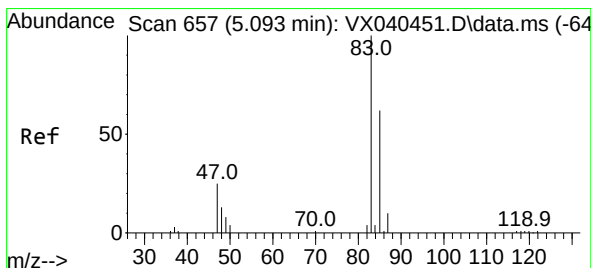
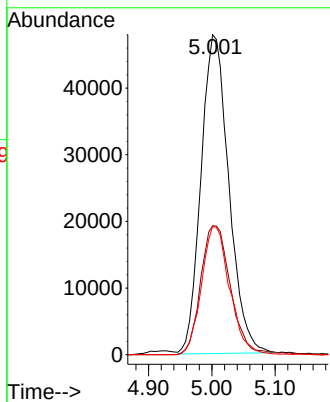
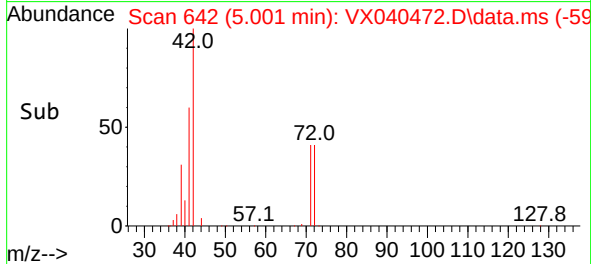
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 146389
Ion Ratio Lower Upper
42 100
72 43.4 34.2 51.4
71 40.8 32.2 48.2

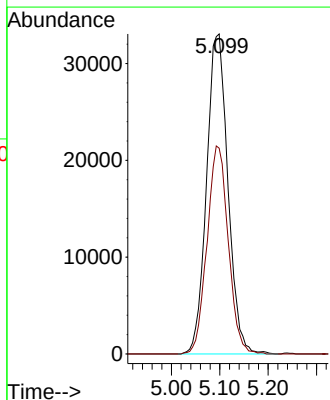
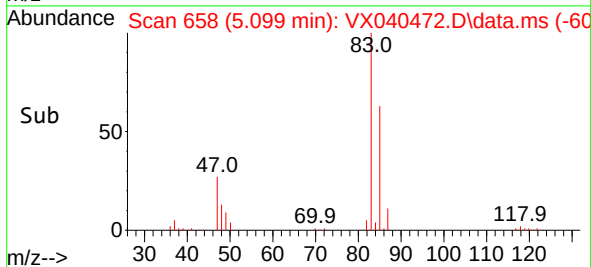
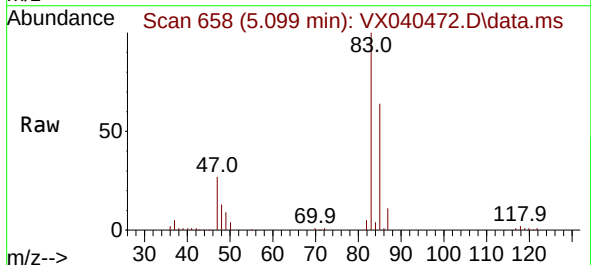
Manual Integrations
APPROVED

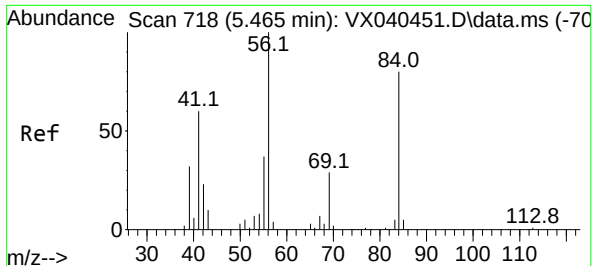
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#30
Chloroform
Concen: 47.637 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

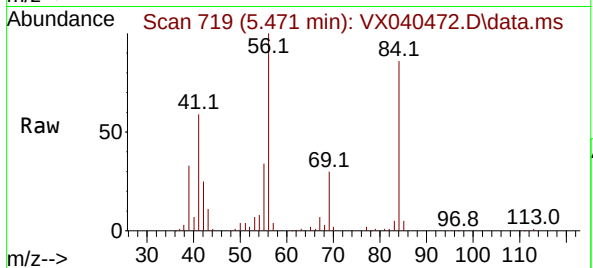
Tgt Ion: 83 Resp: 101332
Ion Ratio Lower Upper
83 100
85 64.3 50.3 75.5





#31
Cyclohexane
Concen: 47.730 ug/l
RT: 5.471 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

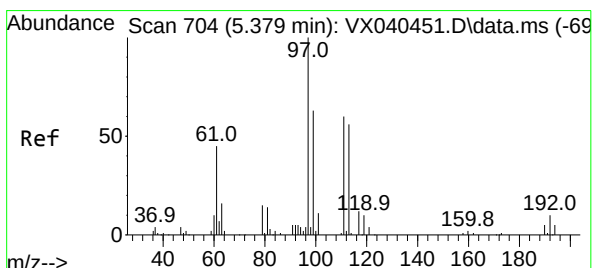
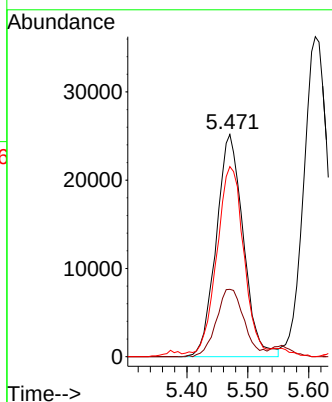
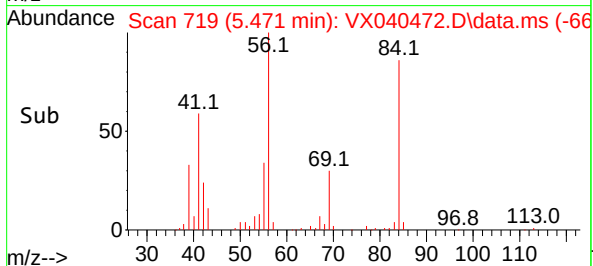
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 77598
Ion Ratio Lower Upper
56 100
69 30.3 23.4 35.2
84 83.2 65.9 98.9

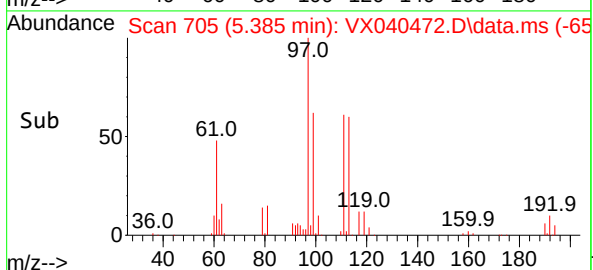
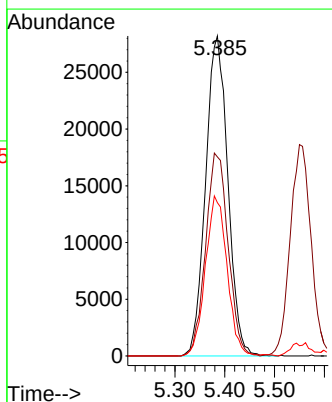
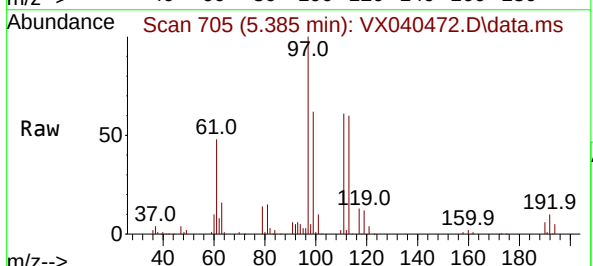
Manual Integrations
APPROVED

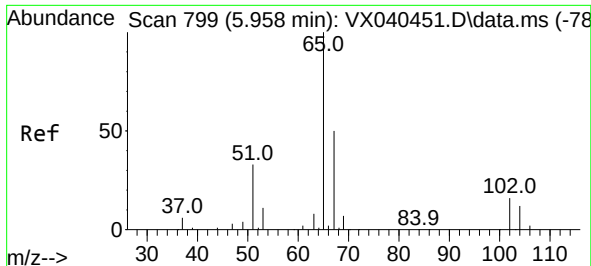
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#32
1,1,1-Trichloroethane
Concen: 48.096 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Tgt Ion: 97 Resp: 87321
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 48.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.902 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040472.D

Acq: 26 Feb 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 67304

Ion Ratio Lower Upper

65 100

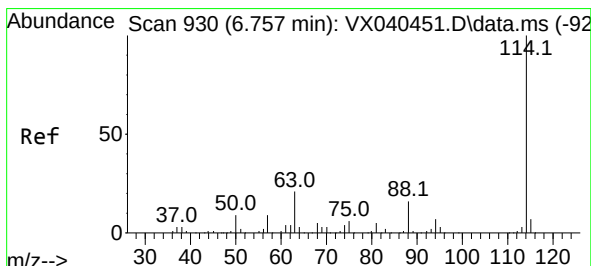
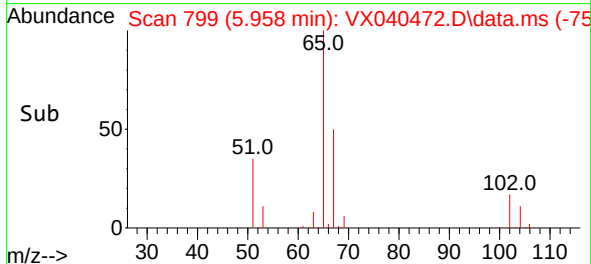
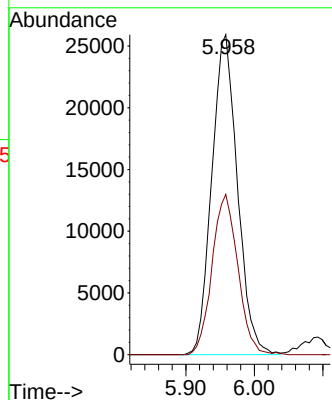
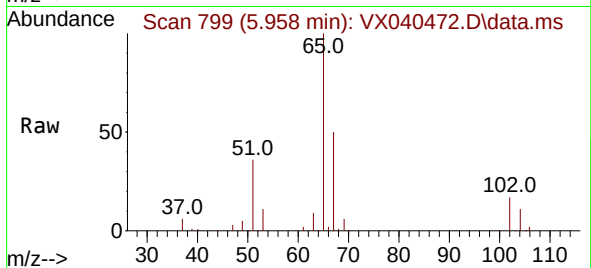
67 50.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX040472.D

Acq: 26 Feb 2024 19:44

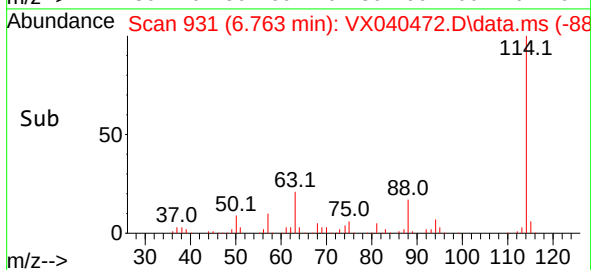
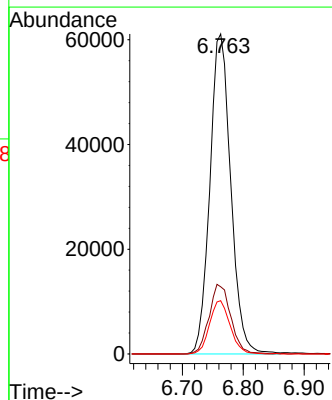
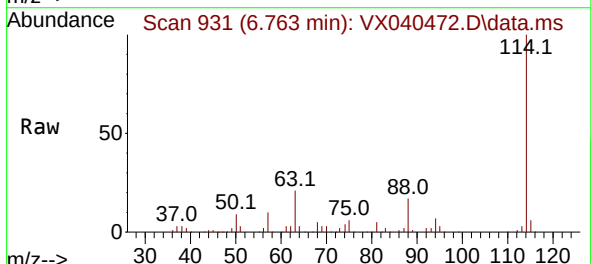
Tgt Ion:114 Resp: 145620

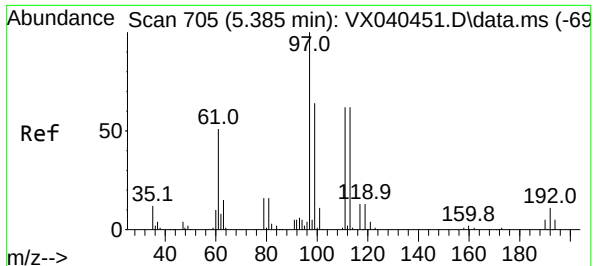
Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

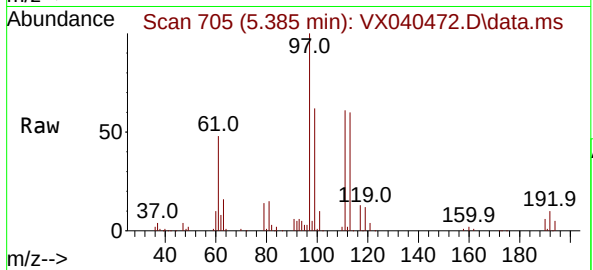
88 16.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.215 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

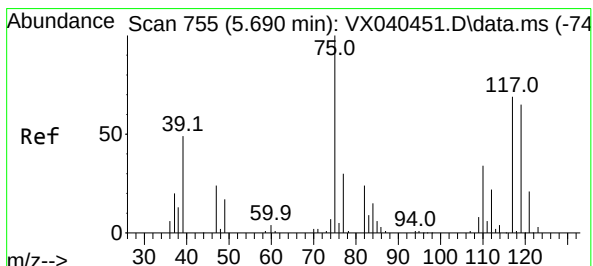
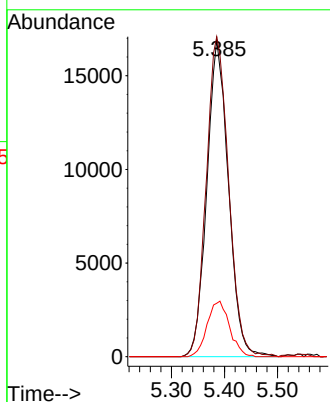
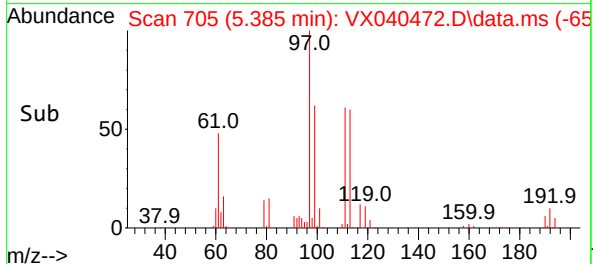
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 4781
Ion Ratio Lower Upper
113 100
111 104.9 82.9 124.3
192 18.2 13.3 19.9

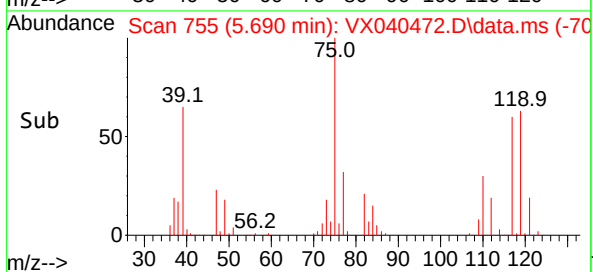
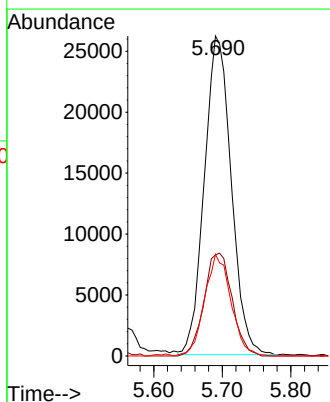
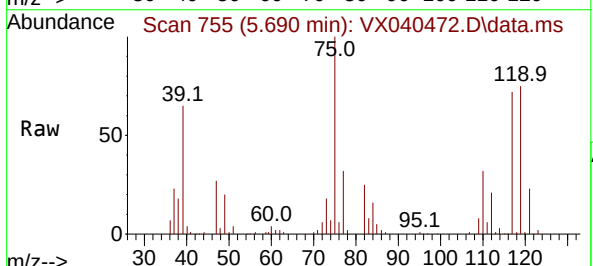
Manual Integrations
APPROVED

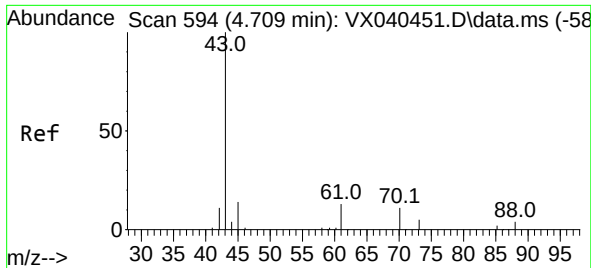
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#36
1,1-Dichloropropene
Concen: 45.729 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Tgt Ion: 75 Resp: 71344
Ion Ratio Lower Upper
75 100
110 33.5 17.0 50.9
77 31.3 24.7 37.1





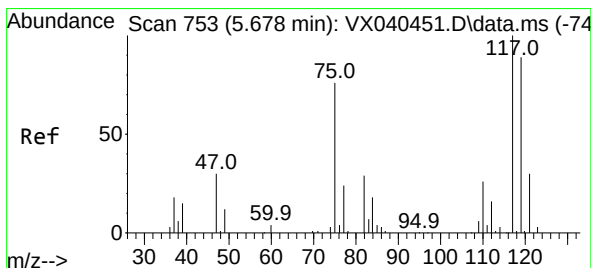
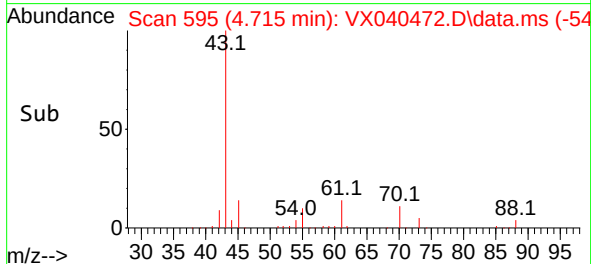
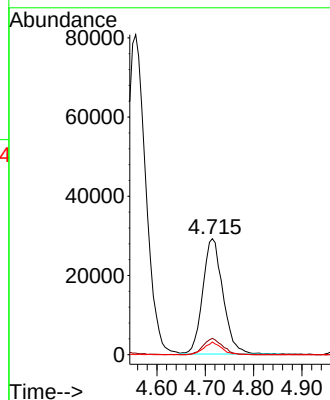
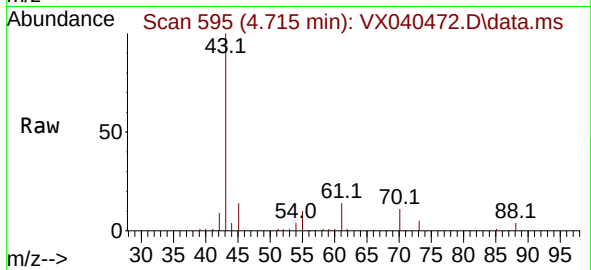
#37
Ethyl Acetate
Concen: 49.518 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 84549
Ion Ratio Lower Upper
43 100
61 13.5 10.6 16.0
70 9.6 8.3 12.5

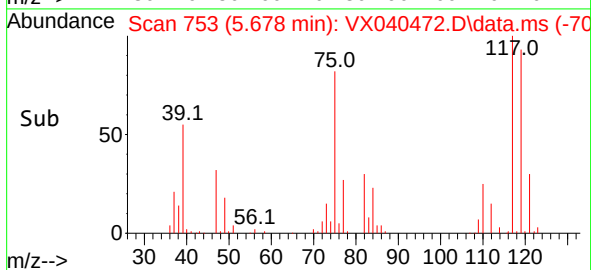
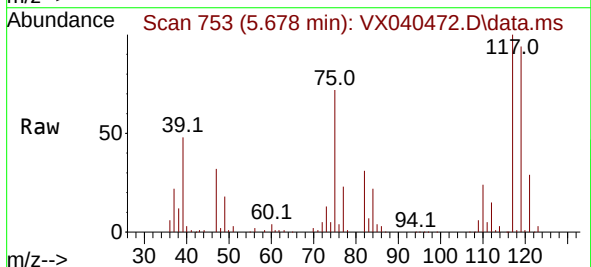
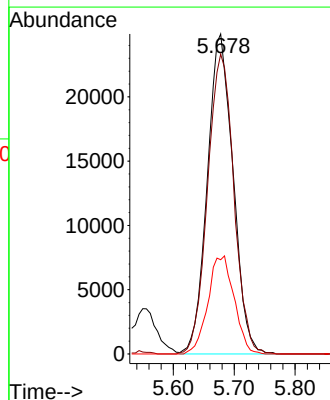
Manual Integrations
APPROVED

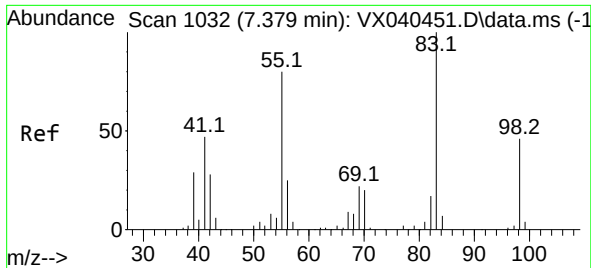
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#38
Carbon Tetrachloride
Concen: 48.498 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Tgt Ion:117 Resp: 73096
Ion Ratio Lower Upper
117 100
119 93.7 78.2 117.2
121 29.4 24.4 36.6





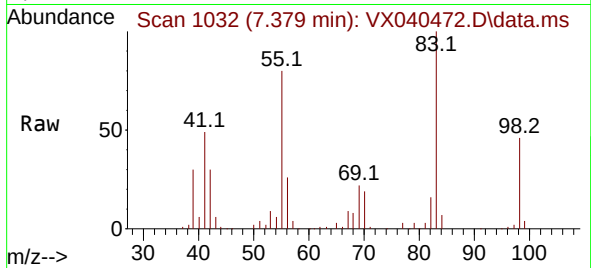
#39
Methylcyclohexane
Concen: 47.578 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



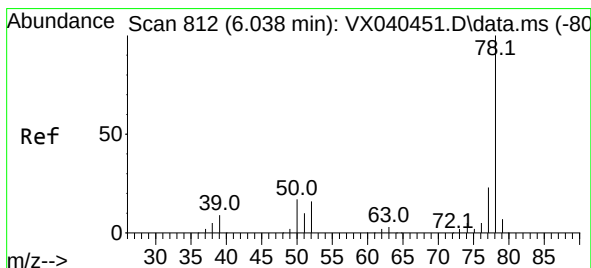
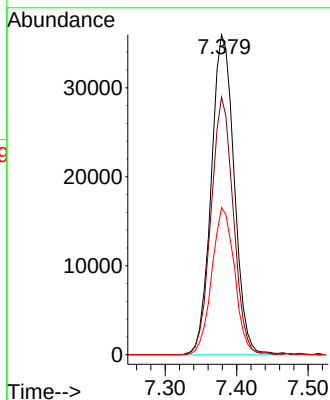
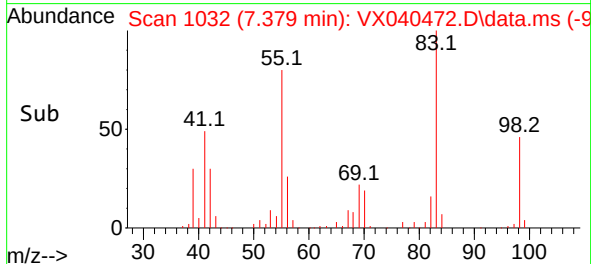
Tgt Ion: 83 Resp: 8014
Ion Ratio Lower Upper
83 100
55 80.5 64.6 97.0
98 45.9 36.7 55.1

Manual Integrations

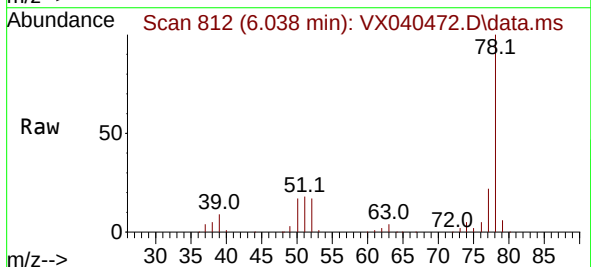
APPROVED

Reviewed By :John Carlone 02/27/2024

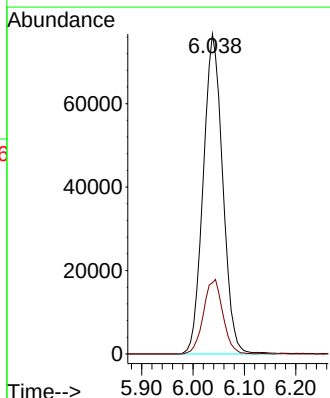
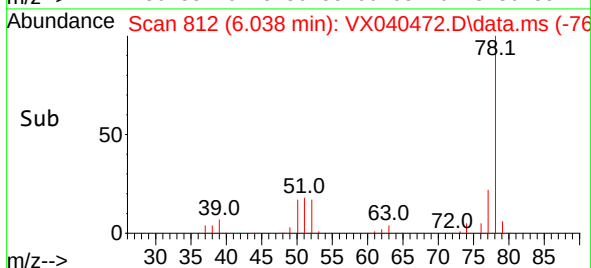
Supervised By :Semsettin Yesilyurt 02/27/2024

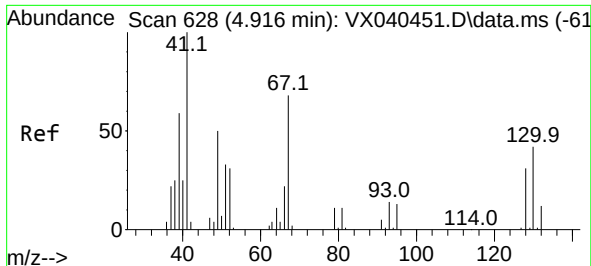


#40
Benzene
Concen: 47.782 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44



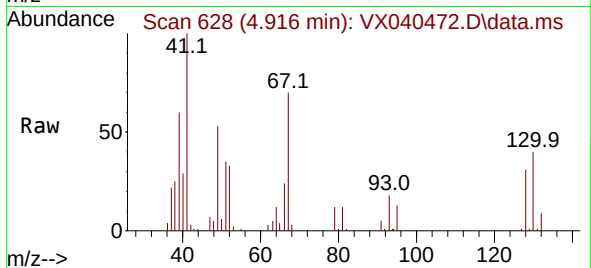
Tgt Ion: 78 Resp: 201829
Ion Ratio Lower Upper
78 100
77 22.2 19.3 28.9





#41
Methacrylonitrile
Concen: 48.905 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

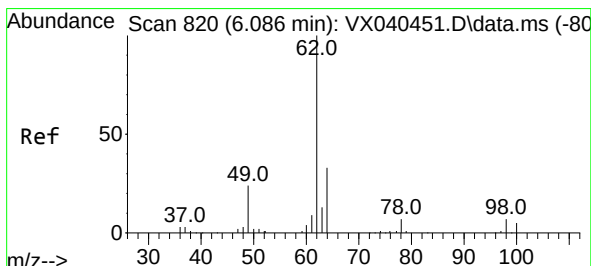
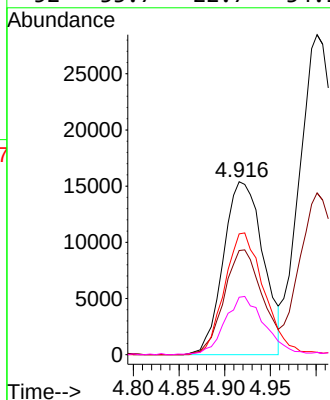
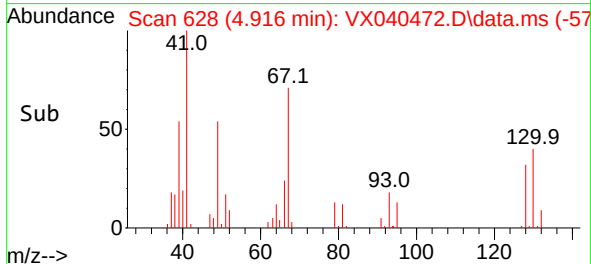


Tgt Ion: 41 Resp: 4664

Ion	Ratio	Lower	Upper
41	100		
39	58.3	45.2	67.8
67	70.4	52.6	78.8
52	33.7	22.7	34.1

Manual Integrations
APPROVED

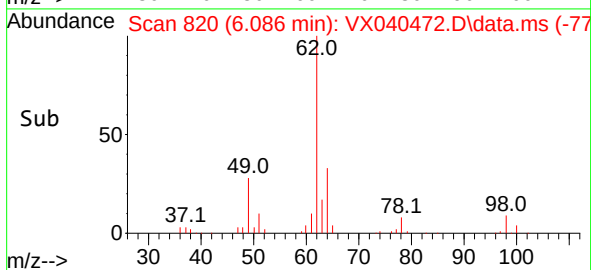
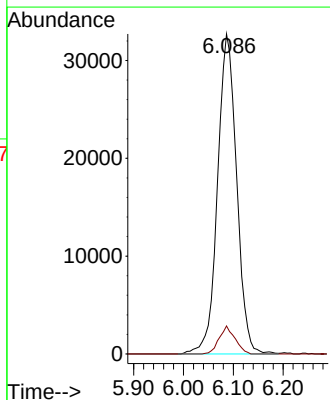
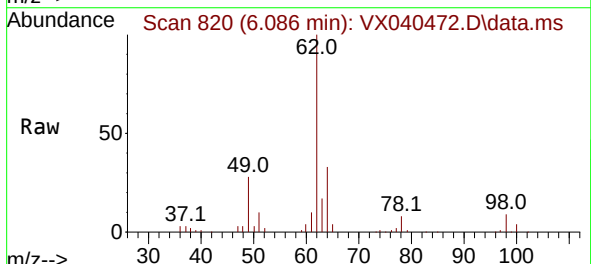
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

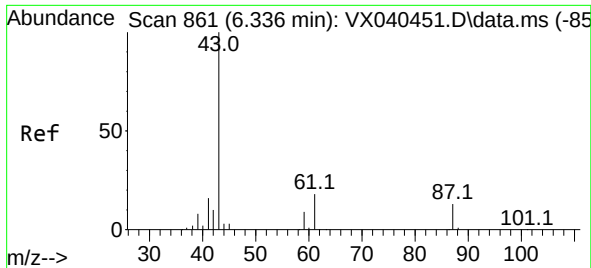


#42
1,2-Dichloroethane
Concen: 49.812 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Tgt Ion: 62 Resp: 87084

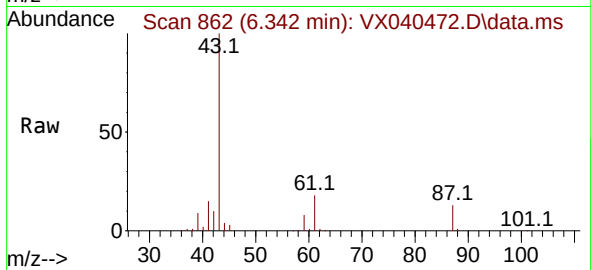
Ion	Ratio	Lower	Upper
62	100		
98	7.2	0.0	16.0





#43
Isopropyl Acetate
Concen: 50.013 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

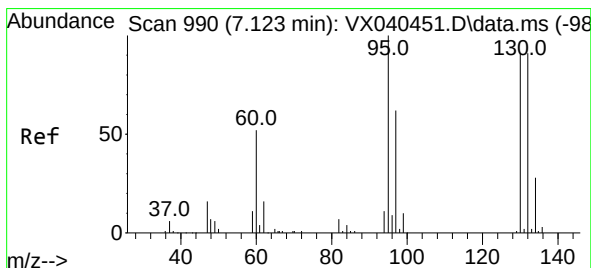
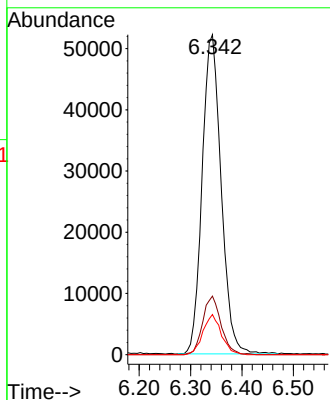
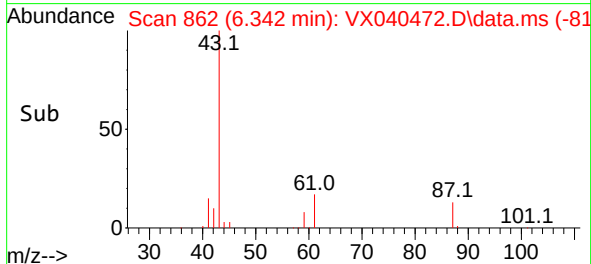
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 133994
Ion Ratio Lower Upper
43 100
61 17.7 15.2 22.8
87 12.2 9.8 14.6

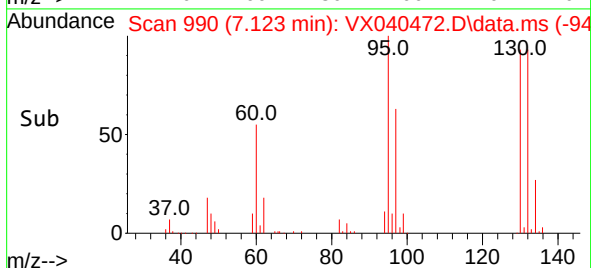
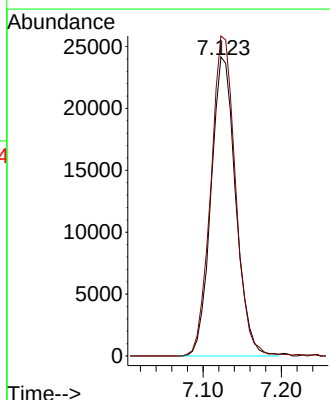
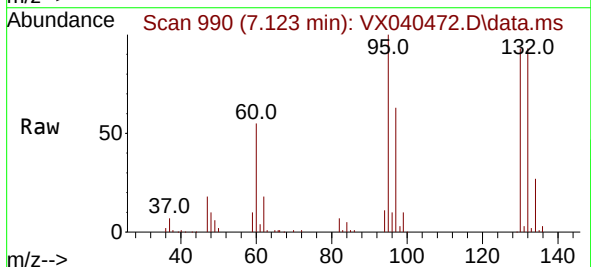
Manual Integrations
APPROVED

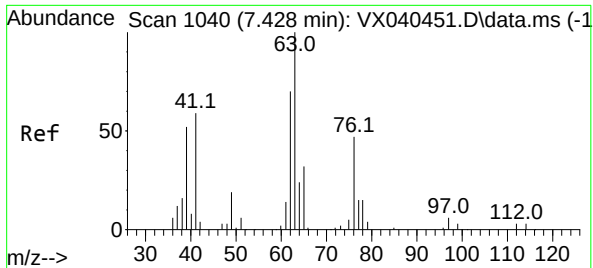
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#44
Trichloroethene
Concen: 46.504 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Tgt Ion:130 Resp: 52828
Ion Ratio Lower Upper
130 100
95 107.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 48.576 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX040472.D

Acq: 26 Feb 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 5491

Ion Ratio Lower Upper

63 100

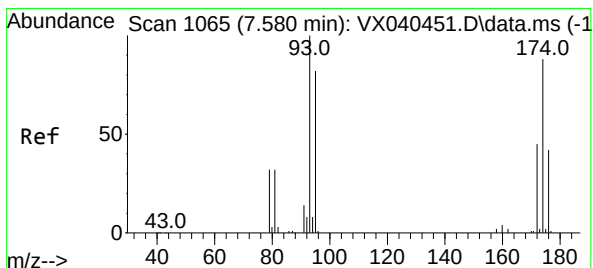
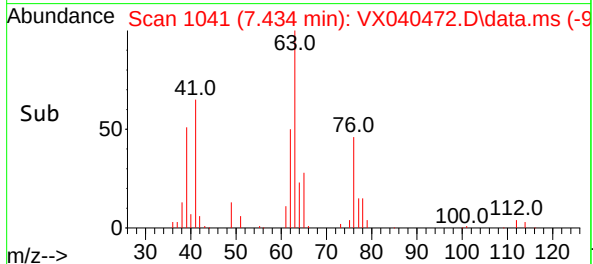
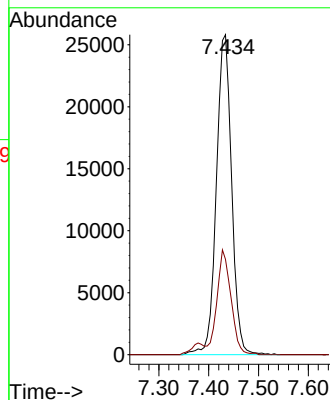
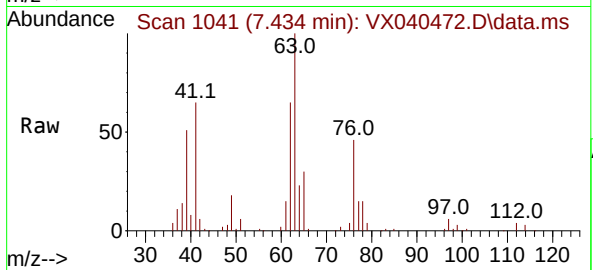
65 29.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#46

Dibromomethane

Concen: 49.076 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX040472.D

Acq: 26 Feb 2024 19:44

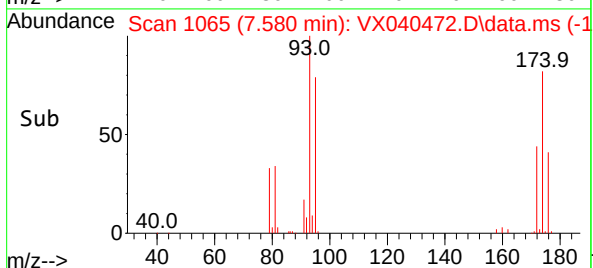
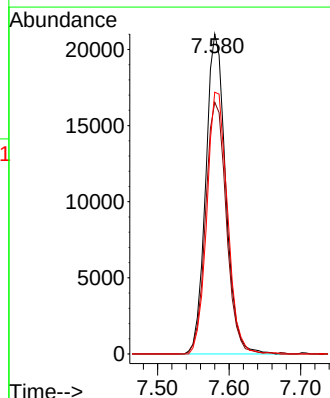
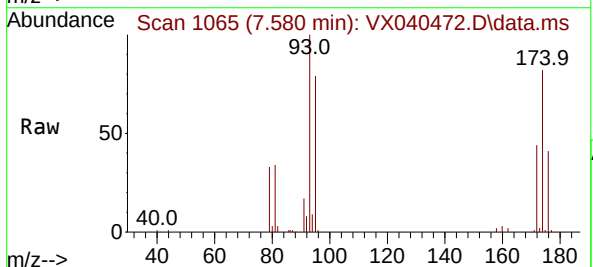
Tgt Ion: 93 Resp: 40788

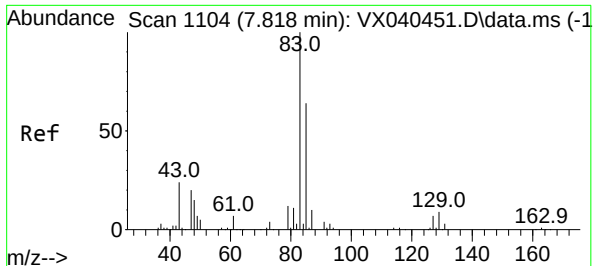
Ion Ratio Lower Upper

93 100

95 81.6 66.6 100.0

174 84.5 69.4 104.0





#47
Bromodichloromethane
Concen: 48.761 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

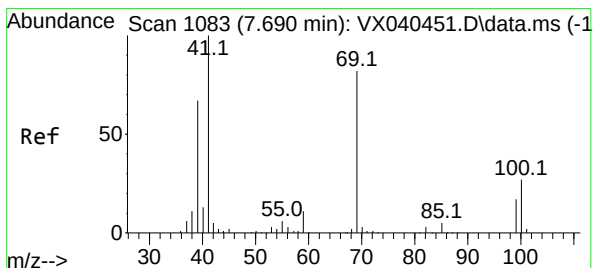
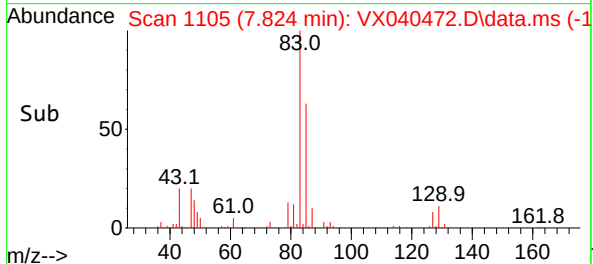
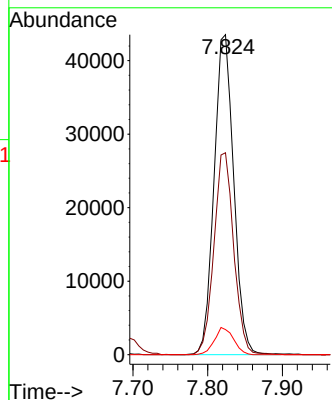
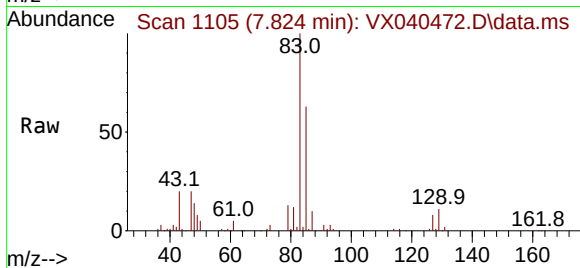
Tgt Ion: 83 Resp: 7979
Ion Ratio Lower Upper
83 100
85 63.1 49.8 74.6
127 7.8 7.1 10.7

Manual Integrations

APPROVED

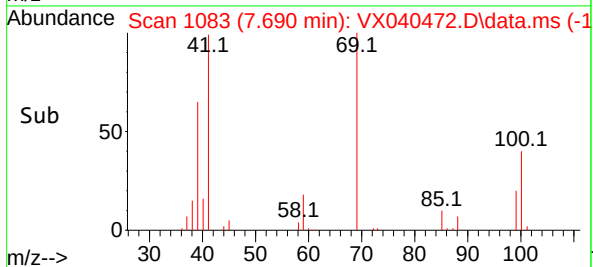
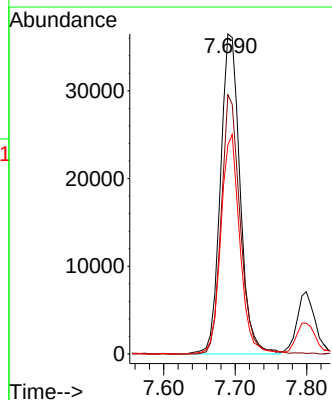
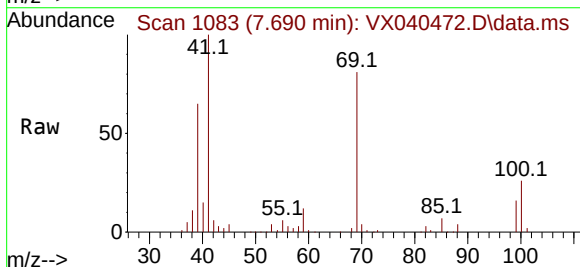
Reviewed By :John Carlone 02/27/2024

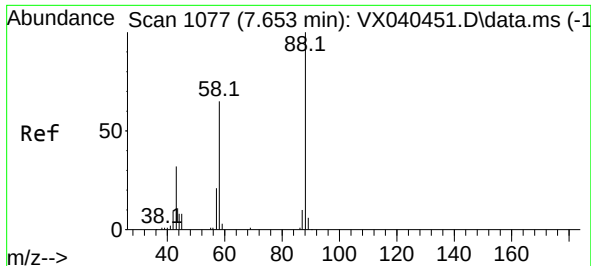
Supervised By :Semsettin Yesilyurt 02/27/2024



#48
Methyl methacrylate
Concen: 51.801 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Tgt Ion: 41 Resp: 69367
Ion Ratio Lower Upper
41 100
69 78.2 59.2 88.8
39 66.9 47.7 71.5





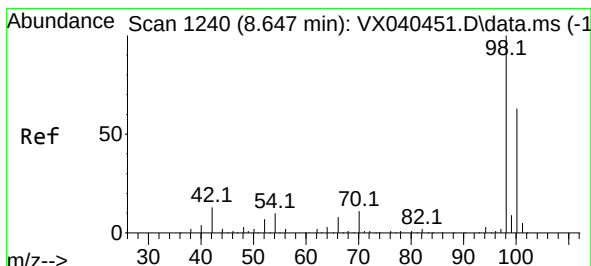
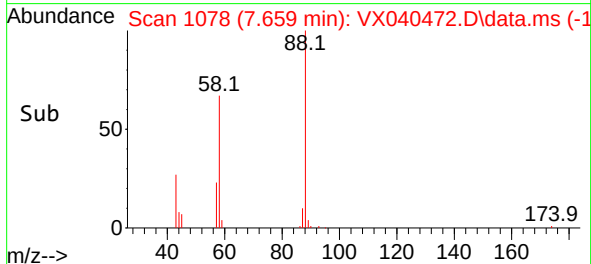
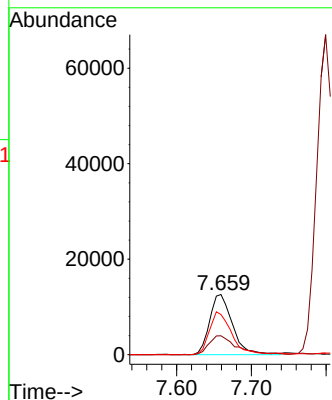
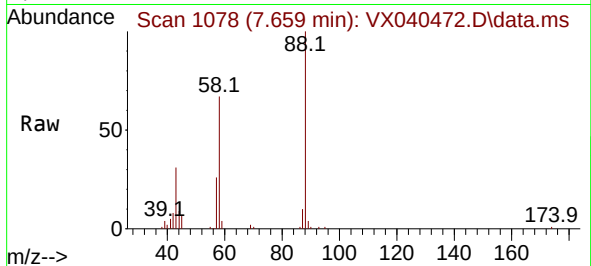
#49
1,4-Dioxane
Concen: 1050.741 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 26617
Ion Ratio Lower Upper
88 100
43 38.4 0.0 0.0
58 69.0 60.1 90.1

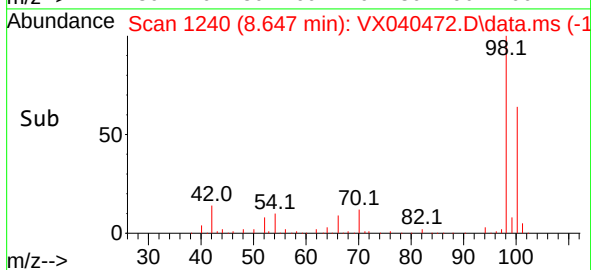
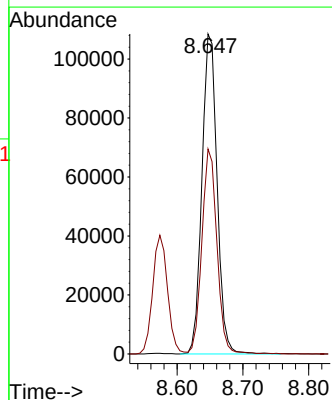
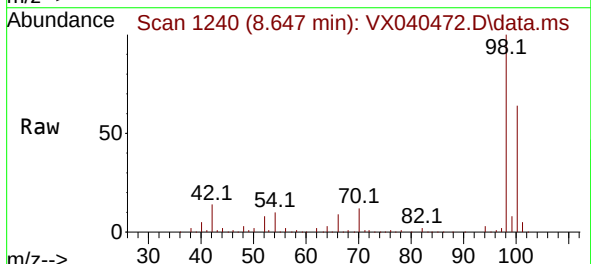
Manual Integrations
APPROVED

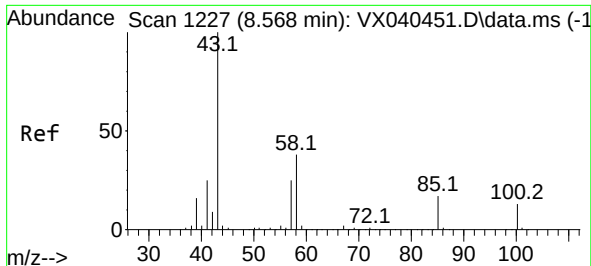
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#50
Toluene-d8
Concen: 47.282 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

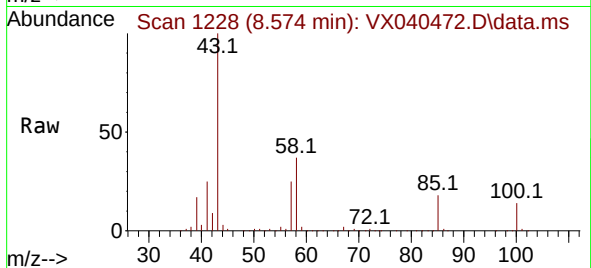
Tgt Ion: 98 Resp: 173796
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 261.894 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

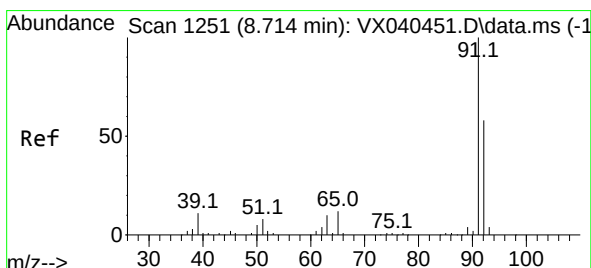
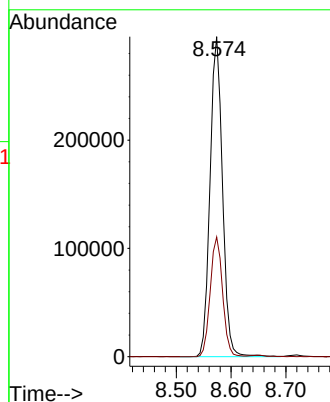
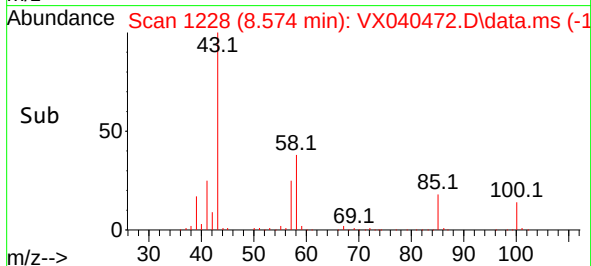
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



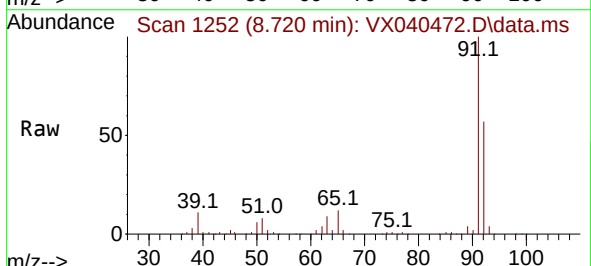
Tgt Ion: 43 Resp: 463910
Ion Ratio Lower Upper
43 100
58 37.1 30.4 45.6

Manual Integrations
APPROVED

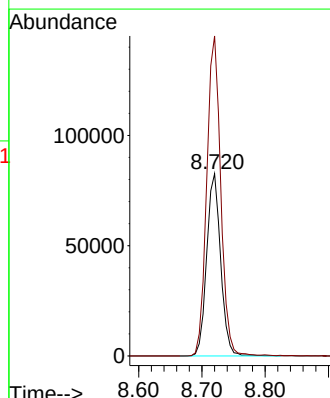
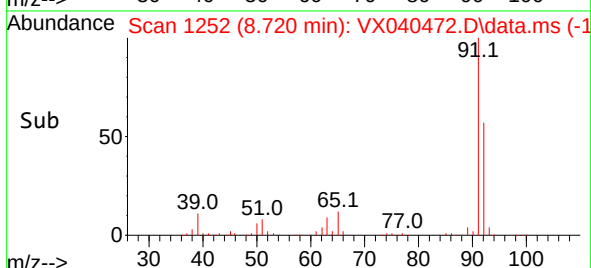
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

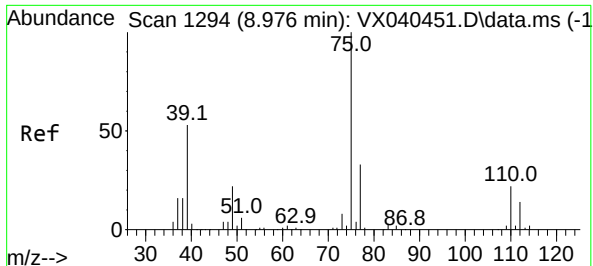


#52
Toluene
Concen: 48.987 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44



Tgt Ion: 92 Resp: 126991
Ion Ratio Lower Upper
92 100
91 175.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 48.106 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX040472.D

Acq: 26 Feb 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 79890

Ion Ratio Lower Upper

75 100

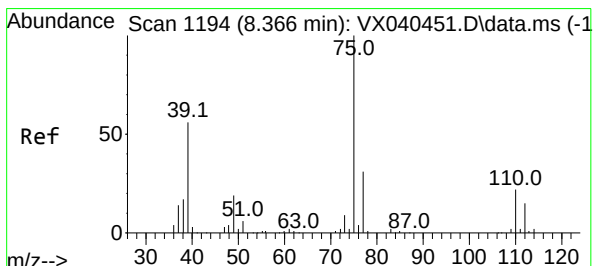
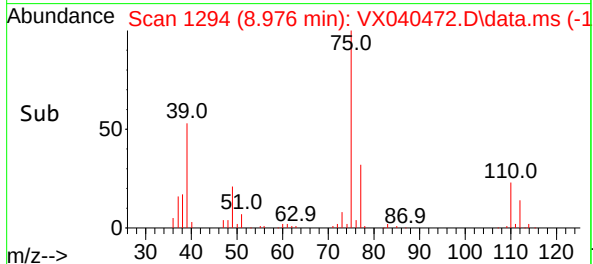
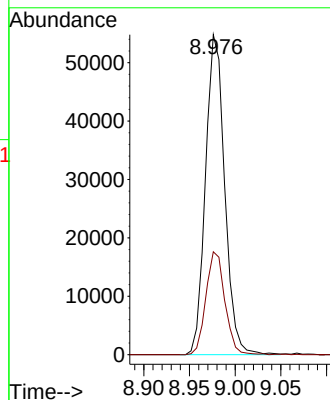
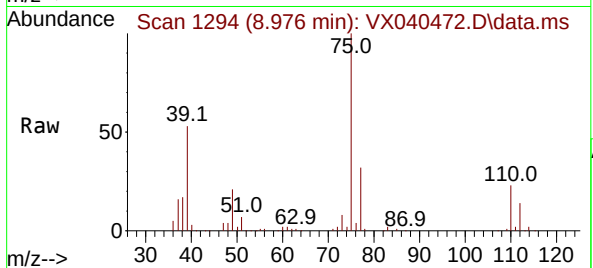
77 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#54

cis-1,3-Dichloropropene

Concen: 47.919 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX040472.D

Acq: 26 Feb 2024 19:44

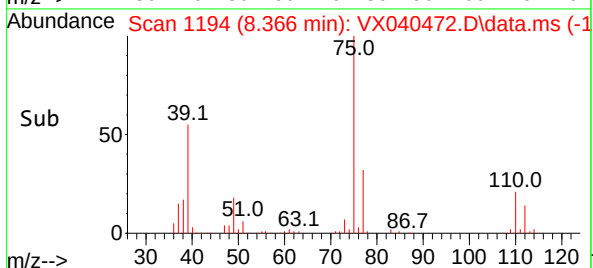
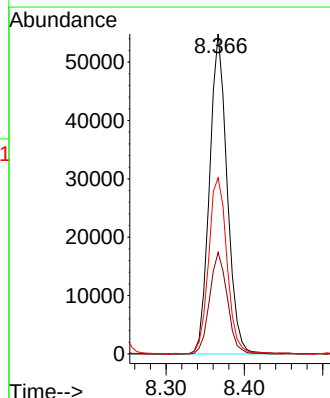
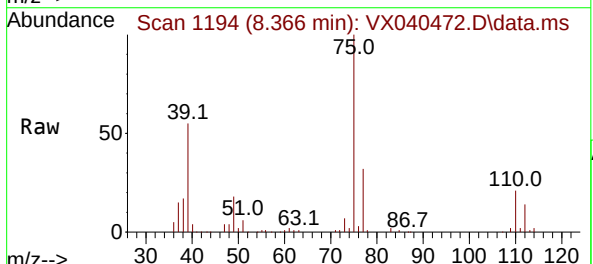
Tgt Ion: 75 Resp: 85539

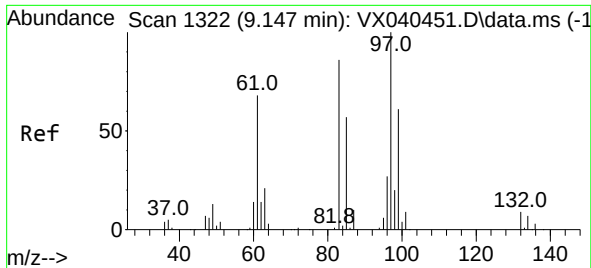
Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9

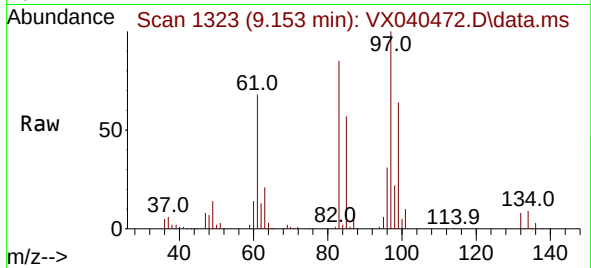
39 54.9 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 50.099 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

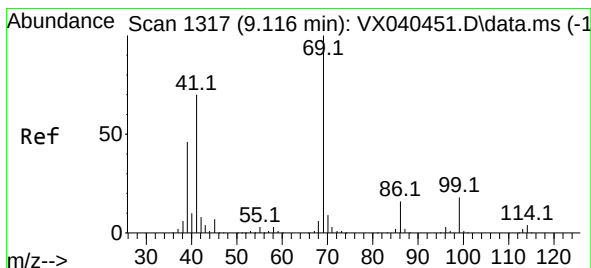
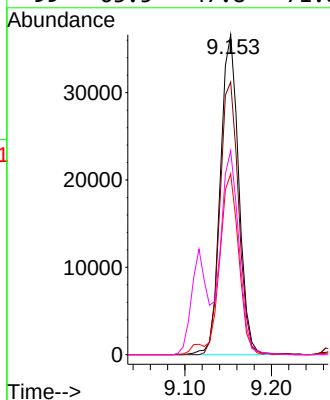
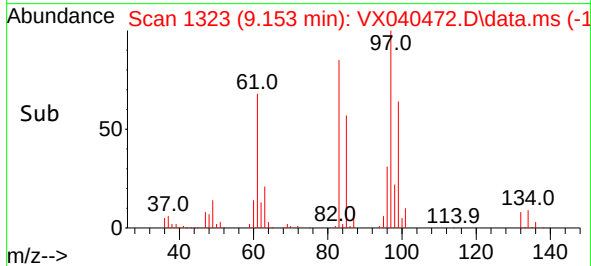
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.2	65.8	98.8
85	56.4	41.6	62.4
99	63.5	47.8	71.8

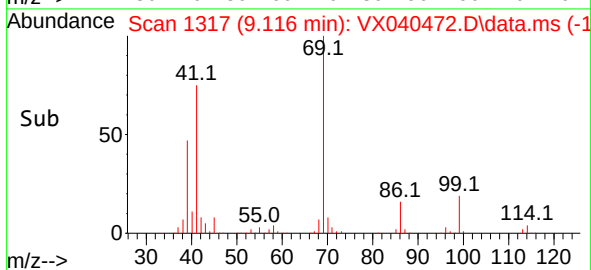
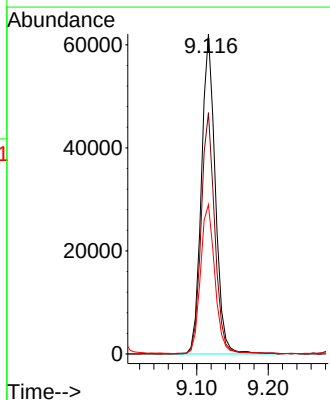
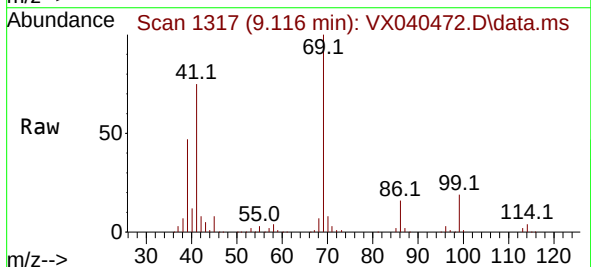
Manual Integrations
APPROVED

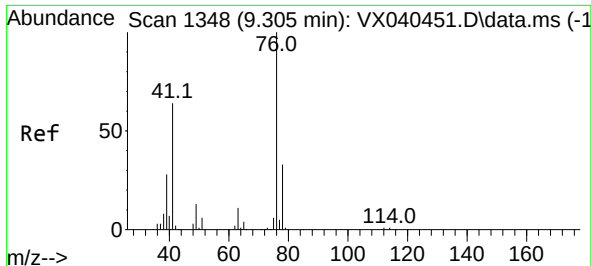
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#56
Ethyl methacrylate
Concen: 50.282 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.7	56.8	85.2
39	49.5	32.0	48.0





#57
1,3-Dichloropropane
Concen: 48.693 ug/l
RT: 9.305 min Scan# 1113
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

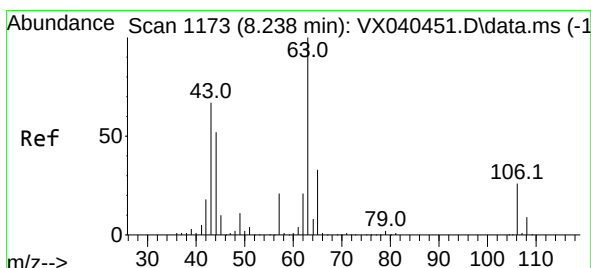
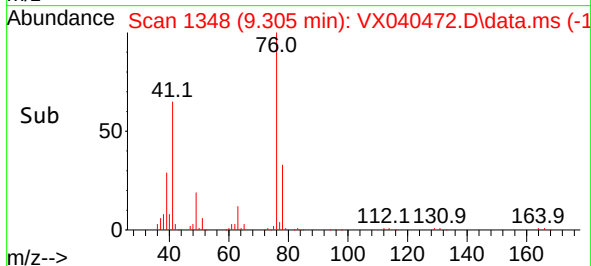
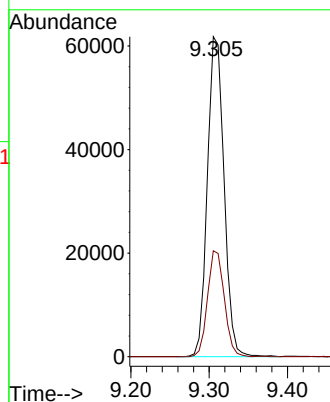
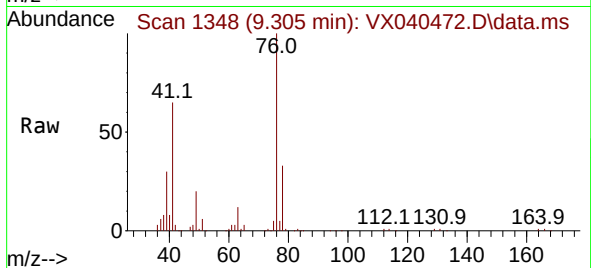
VSTDCCC050EC

Tgt Ion: 76 Resp: 91239
Ion Ratio Lower Upper
76 100
78 33.2 26.1 39.1

Manual Integrations

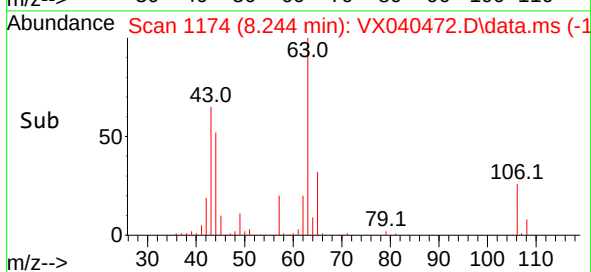
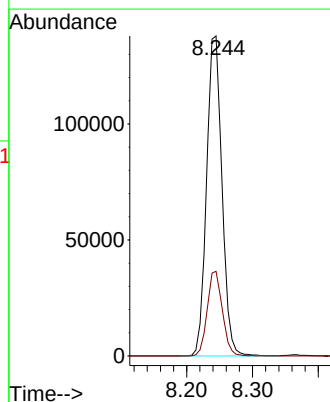
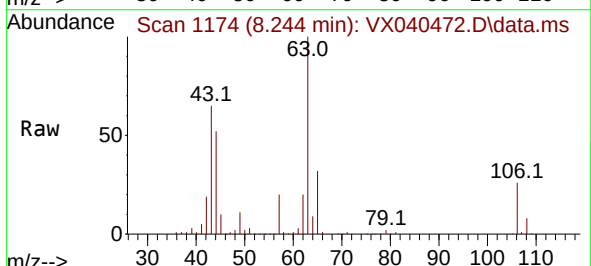
APPROVED

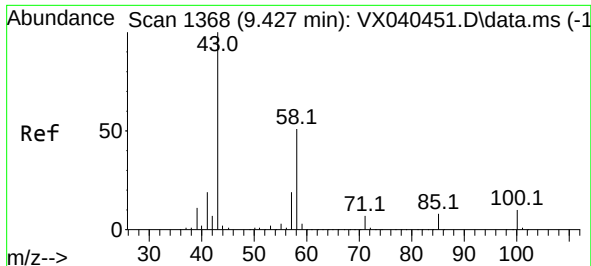
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#58
2-Chloroethyl Vinyl ether
Concen: 257.349 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

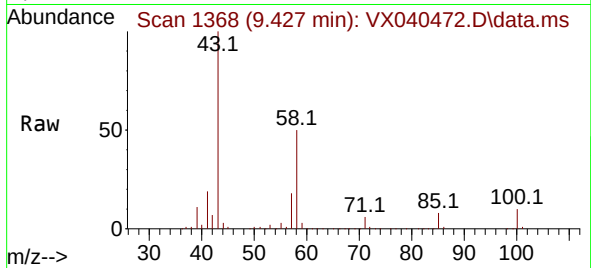
Tgt Ion: 63 Resp: 224442
Ion Ratio Lower Upper
63 100
106 26.0 22.5 33.7





#59
2-Hexanone
Concen: 267.214 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

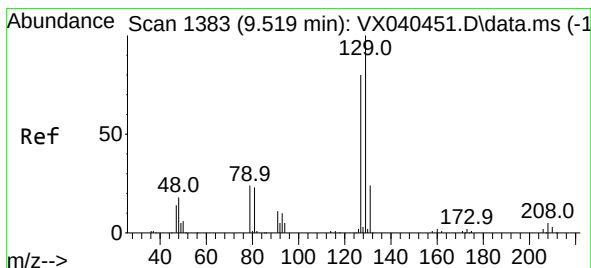
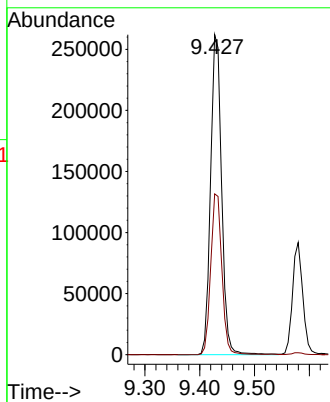
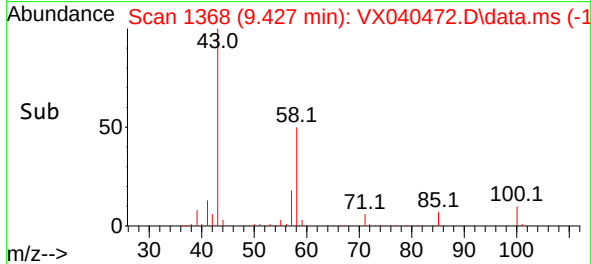
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 363919
Ion Ratio Lower Upper
43 100
58 50.8 26.2 78.5

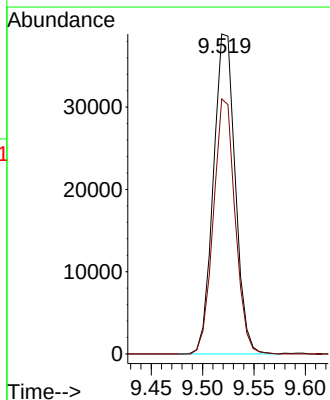
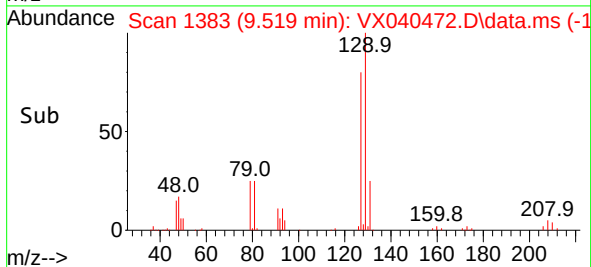
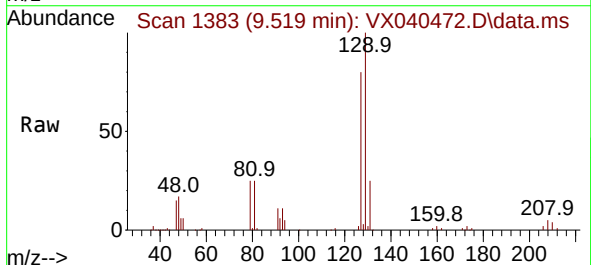
Manual Integrations
APPROVED

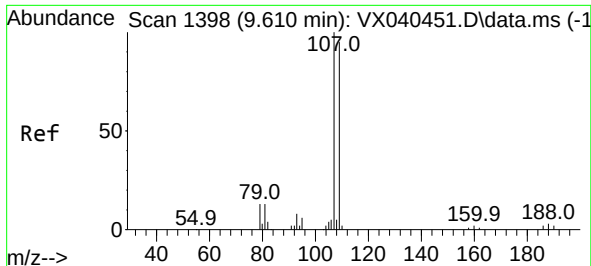
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#60
Dibromochloromethane
Concen: 49.230 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Tgt Ion:129 Resp: 57525
Ion Ratio Lower Upper
129 100
127 79.2 38.8 116.4





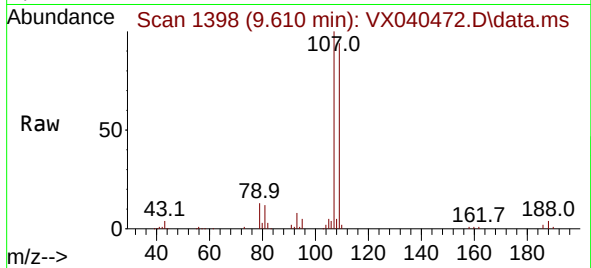
#61
1,2-Dibromoethane
Concen: 50.051 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



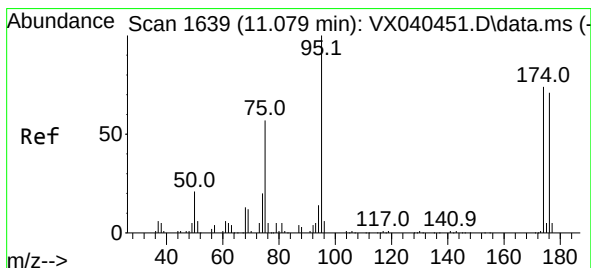
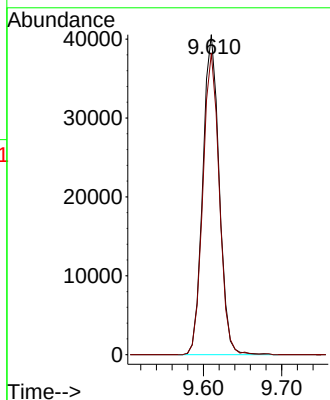
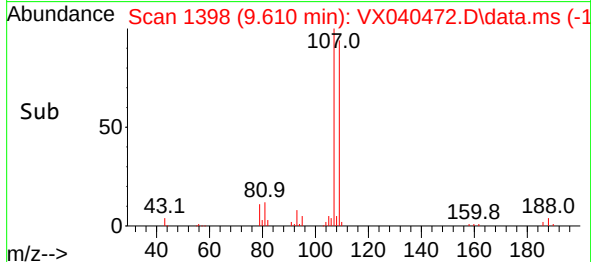
Tgt Ion:107 Resp: 58750
Ion Ratio Lower Upper
107 100
109 94.5 75.2 112.8

Manual Integrations

APPROVED

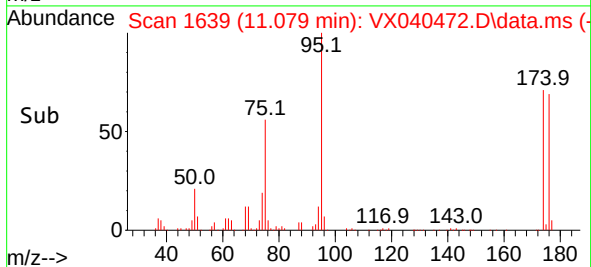
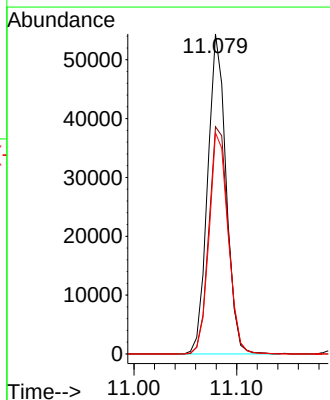
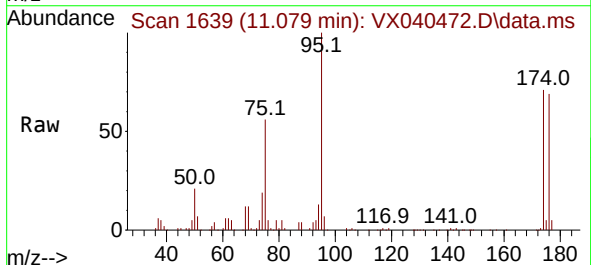
Reviewed By :John Carlone 02/27/2024

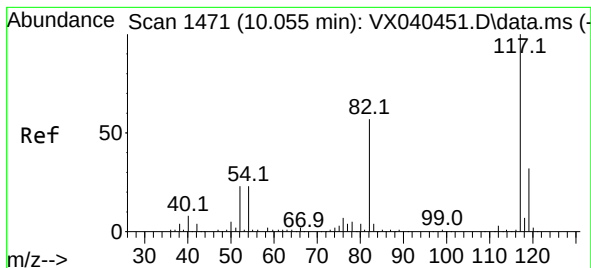
Supervised By :Semsettin Yesilyurt 02/27/2024



#62
4-Bromofluorobenzene
Concen: 48.318 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

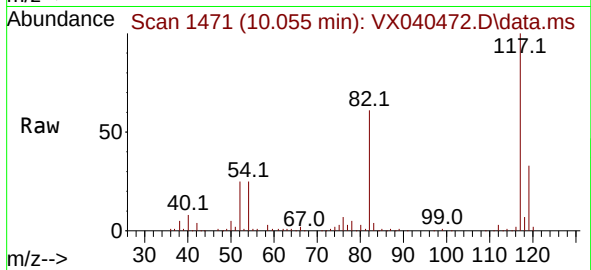
Tgt Ion: 95 Resp: 67701
Ion Ratio Lower Upper
95 100
174 74.6 0.0 135.6
176 71.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

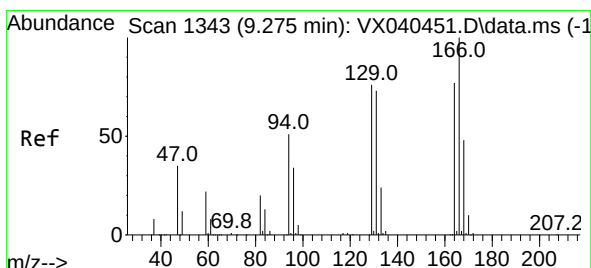
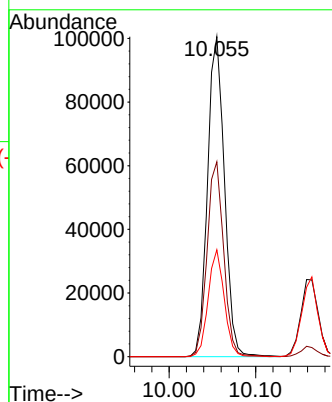
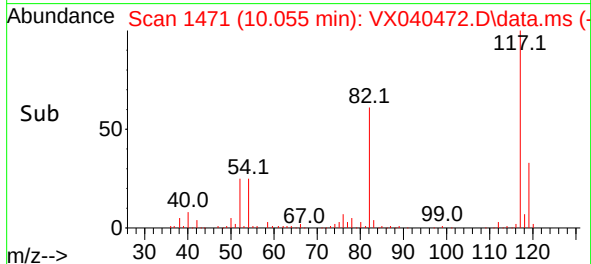
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 136311
Ion Ratio Lower Upper
117 100
82 60.9 46.2 69.4
119 33.4 25.5 38.3

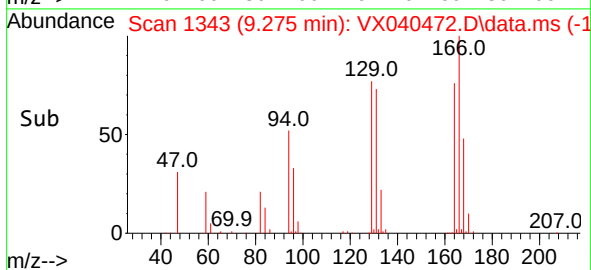
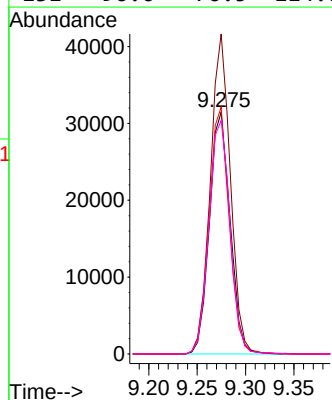
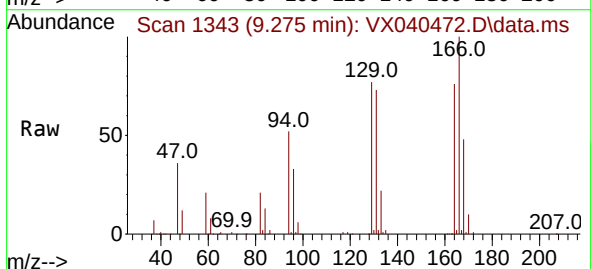
Manual Integrations
APPROVED

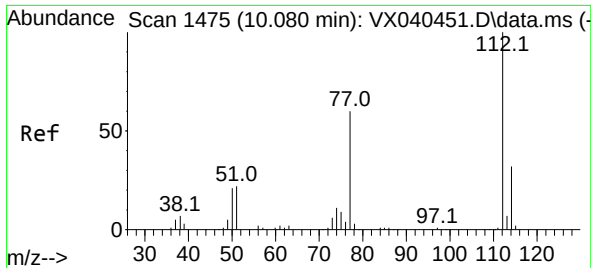
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#64
Tetrachloroethene
Concen: 48.639 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Tgt Ion:164 Resp: 46547
Ion Ratio Lower Upper
164 100
166 132.3 102.7 154.1
129 102.1 80.4 120.6
131 96.6 76.5 114.7





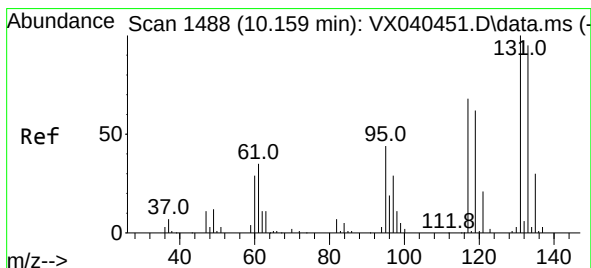
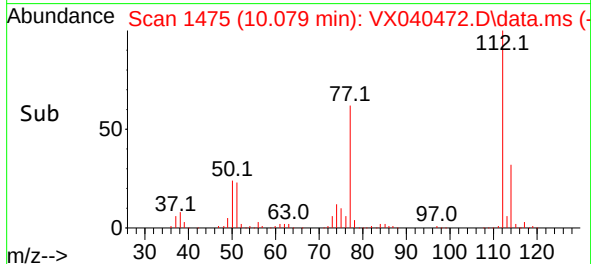
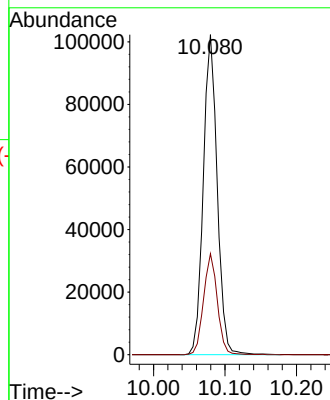
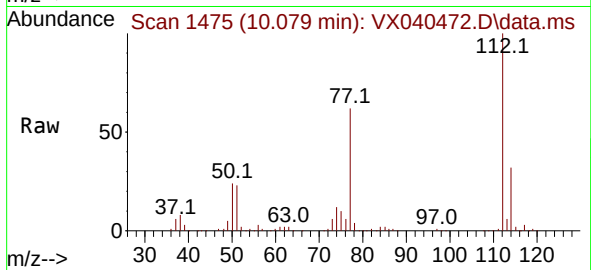
#65
Chlorobenzene
Concen: 47.600 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 138012
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

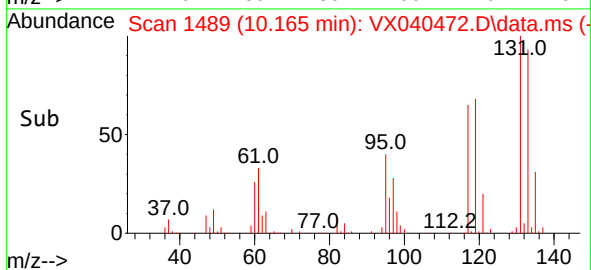
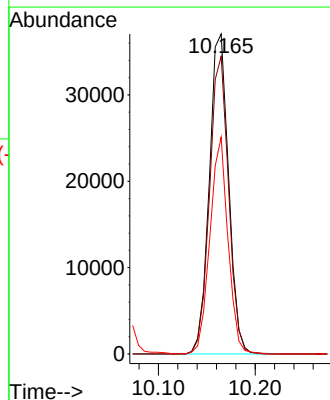
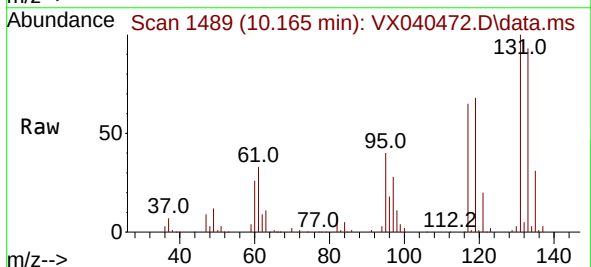
Manual Integrations
APPROVED

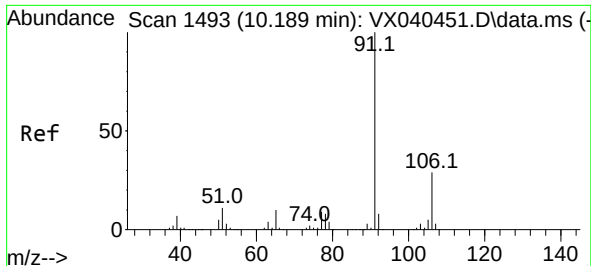
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.335 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Tgt Ion:131 Resp: 51432
Ion Ratio Lower Upper
131 100
133 91.8 47.1 141.4
119 63.5 32.2 96.6





#67

Ethyl Benzene

Concen: 49.236 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX040472.D

Acq: 26 Feb 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 261315

Ion Ratio Lower Upper

91 100

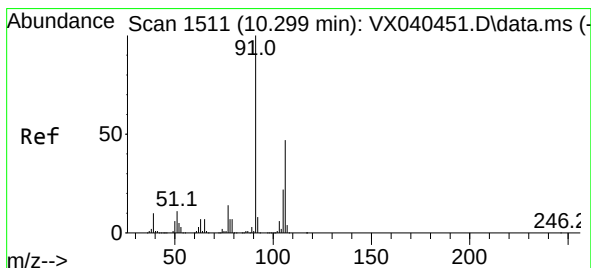
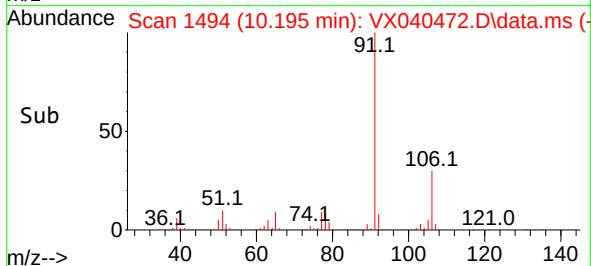
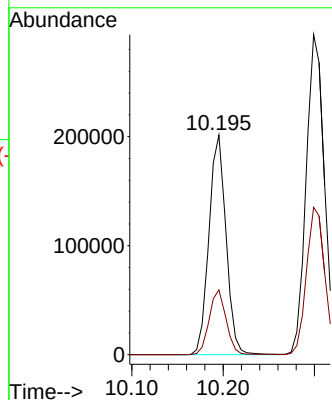
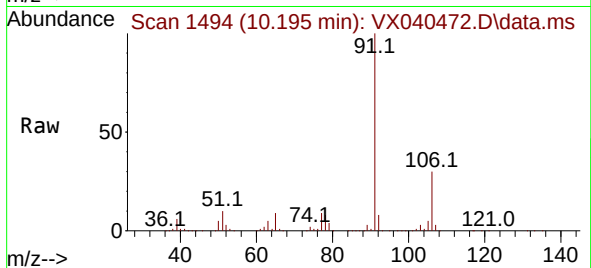
106 29.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#68

m/p-Xylenes

Concen: 95.265 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX040472.D

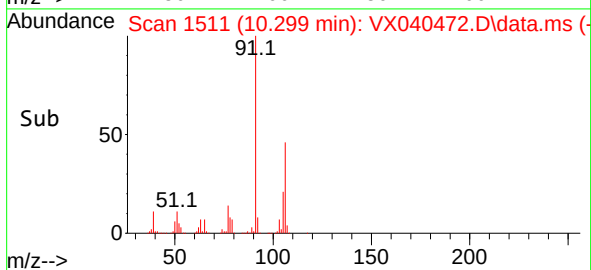
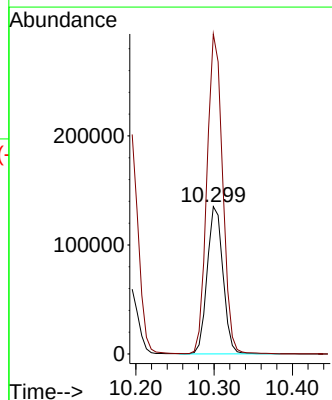
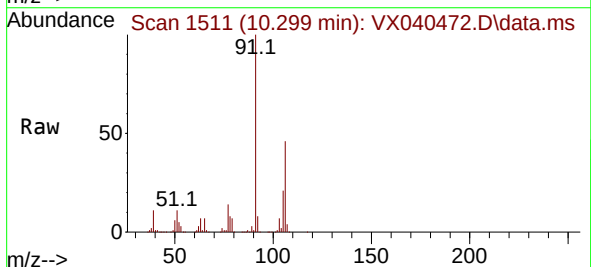
Acq: 26 Feb 2024 19:44

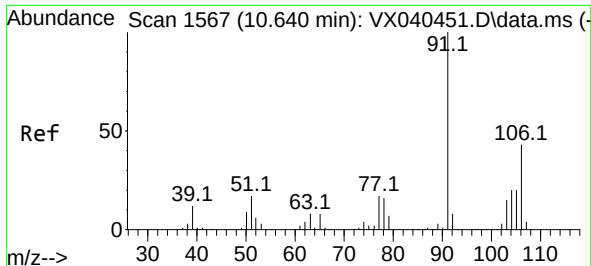
Tgt Ion:106 Resp: 188807

Ion Ratio Lower Upper

106 100

91 216.2 165.5 248.3





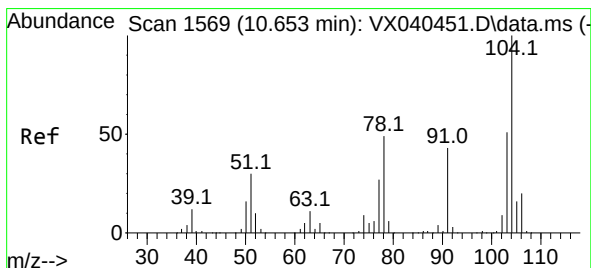
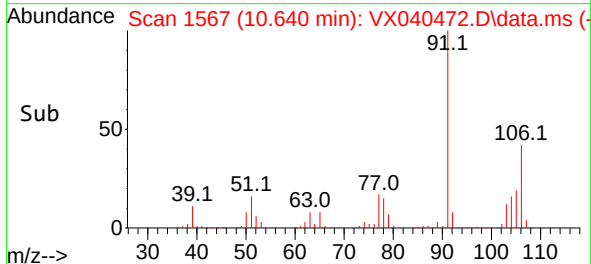
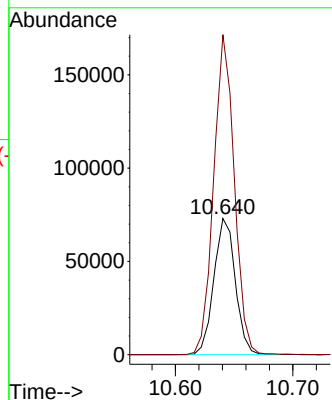
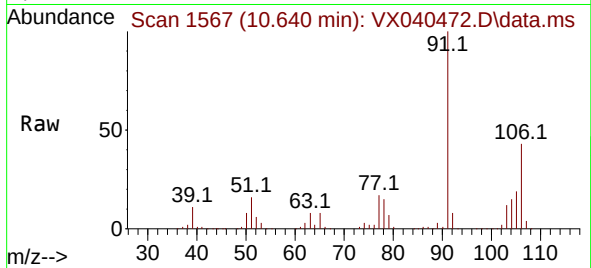
#69
o-Xylene
Concen: 48.942 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 92773
Ion Ratio Lower Upper
106 100
91 226.4 108.9 326.8

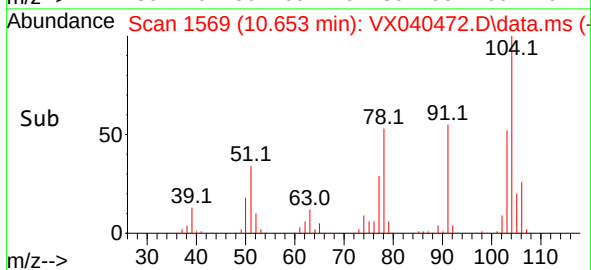
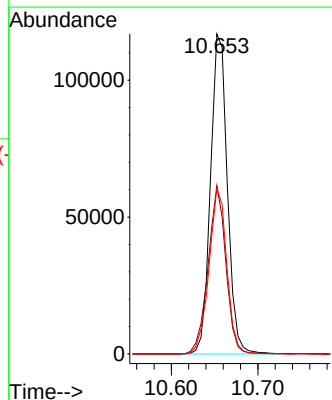
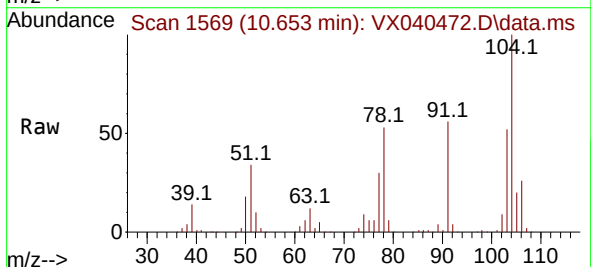
Manual Integrations
APPROVED

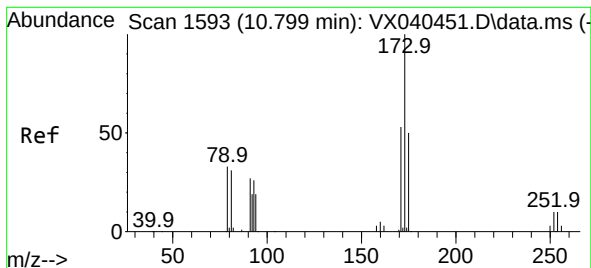
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#70
Styrene
Concen: 50.056 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Tgt Ion:104 Resp: 158175
Ion Ratio Lower Upper
104 100
78 55.5 43.6 65.4
103 54.8 43.6 65.4





#71

Bromoform

Concen: 50.487 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040472.D

Acq: 26 Feb 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 42228

Ion Ratio Lower Upper

173 100

175 47.5 24.1 72.4

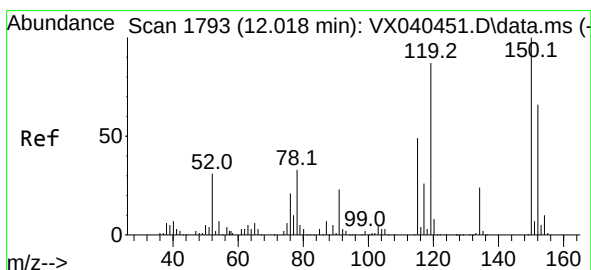
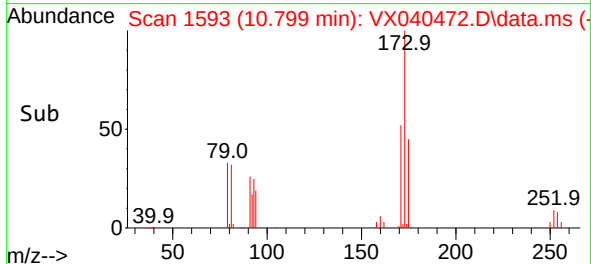
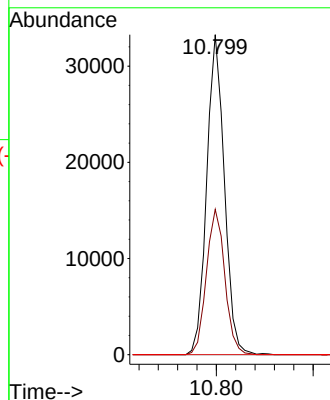
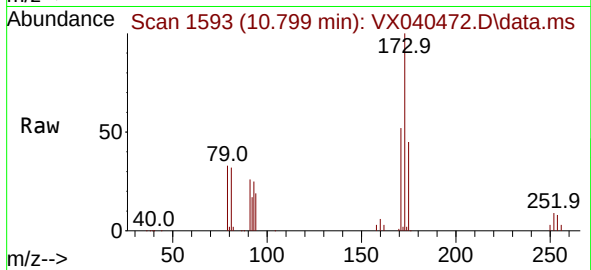
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX040472.D

Acq: 26 Feb 2024 19:44

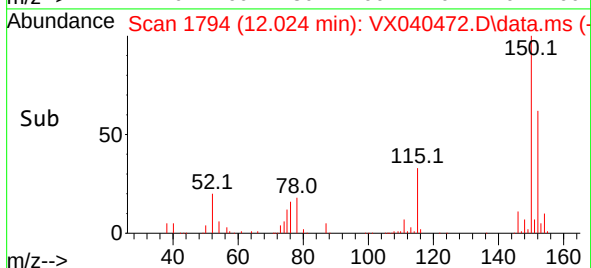
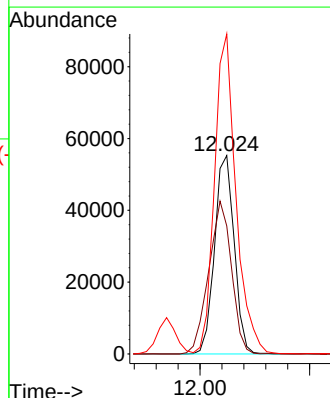
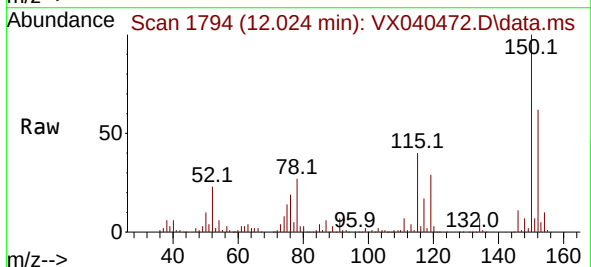
Tgt Ion:152 Resp: 68769

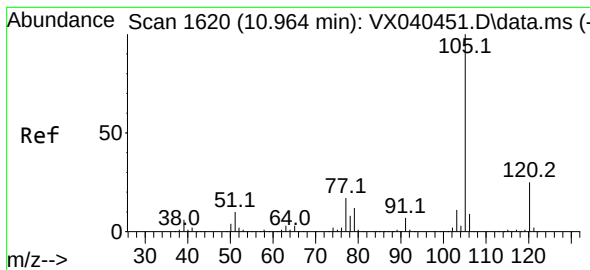
Ion Ratio Lower Upper

152 100

115 89.2 43.3 129.9

150 176.0 0.0 345.0





#73

Isopropylbenzene

Concen: 49.406 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX040472.D

Acq: 26 Feb 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 250218

Ion Ratio Lower Upper

105 100

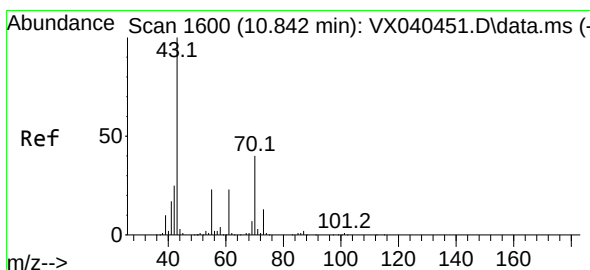
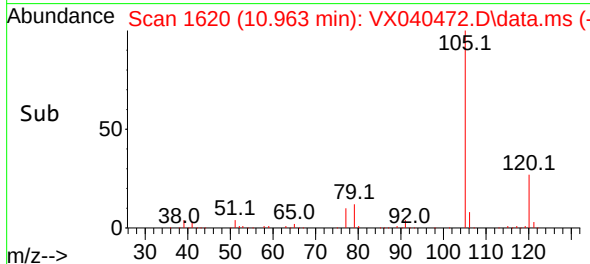
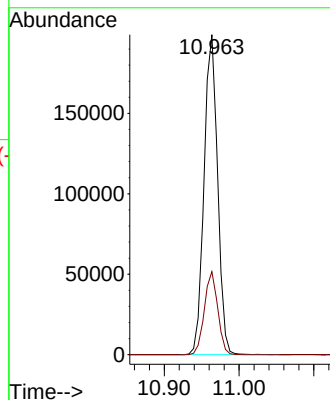
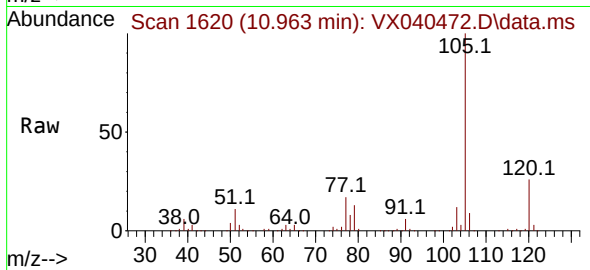
120 25.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#74

N-ethyl acetate

Concen: 51.667 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX040472.D

Acq: 26 Feb 2024 19:44

Tgt Ion: 43 Resp: 121529

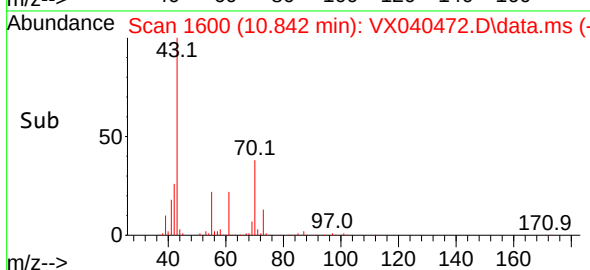
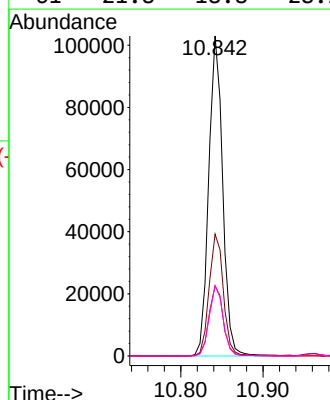
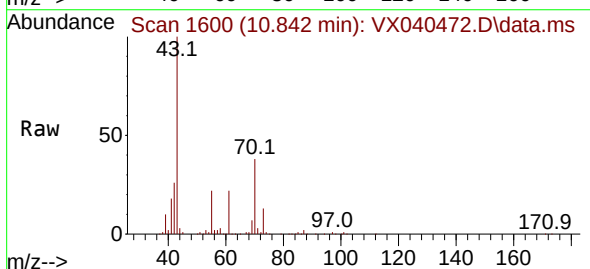
Ion Ratio Lower Upper

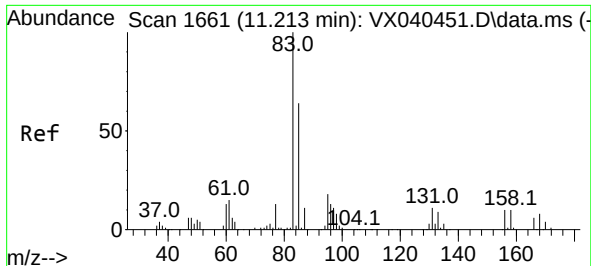
43 100

70 38.8 32.9 49.3

55 22.4 19.3 28.9

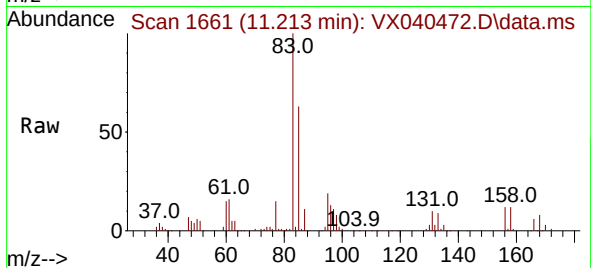
61 21.8 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.892 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

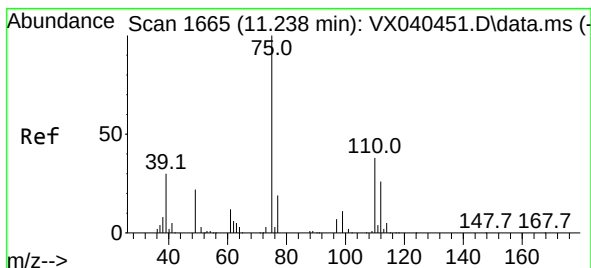
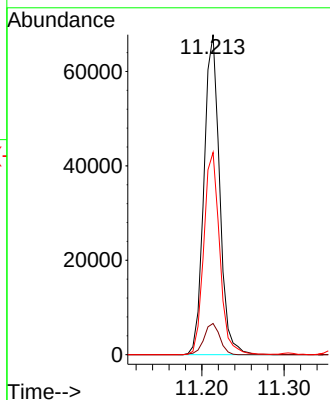
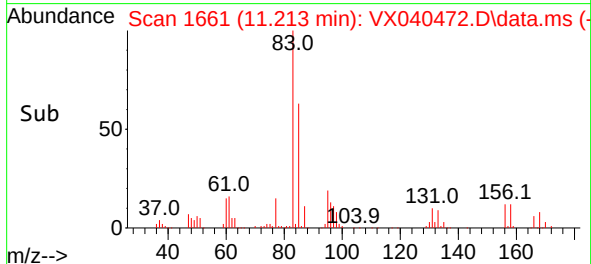
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



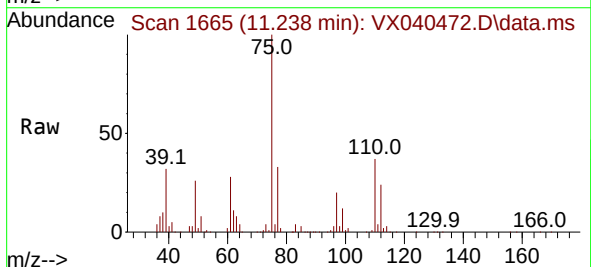
Tgt Ion: 83 Resp: 89550
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 64.3 32.0 96.2

Manual Integrations
APPROVED

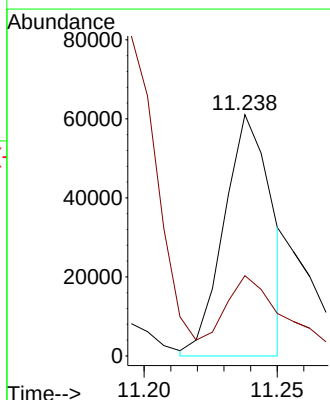
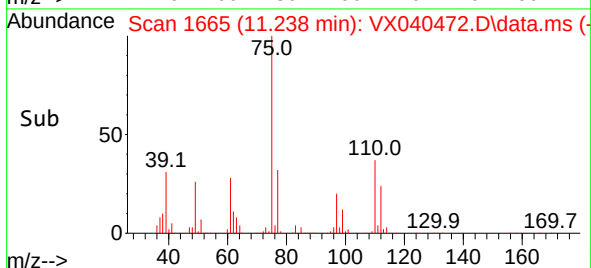
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

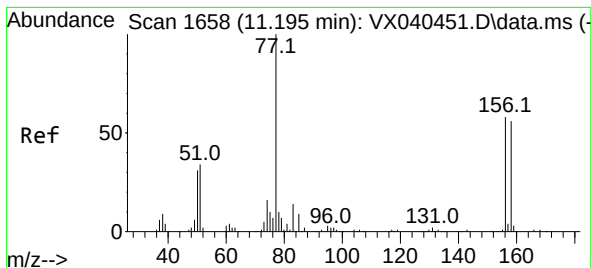


#76
1,2,3-Trichloropropane
Concen: 50.042 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44



Tgt Ion: 75 Resp: 75738
Ion Ratio Lower Upper
75 100
77 42.9 19.1 57.5





#77

Bromobenzene

Concen: 48.392 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX040472.D

Acq: 26 Feb 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

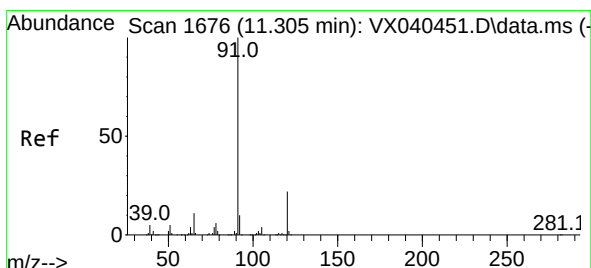
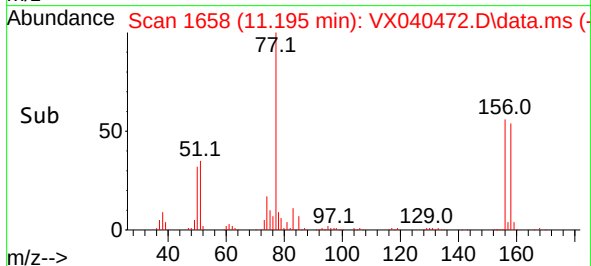
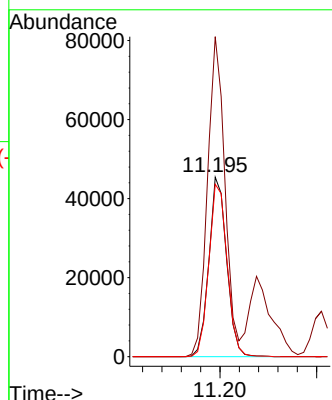
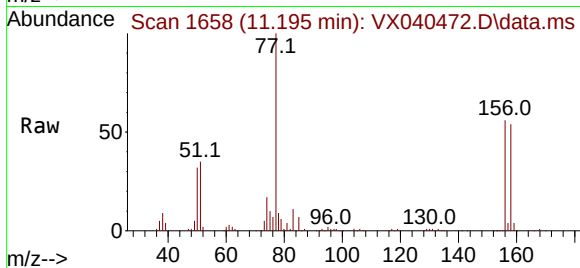
Tgt Ion:	156	Resp:	57950
Ion Ratio	Lower	Upper	
156	100		
77	174.4	88.4	265.3
158	98.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#78

n-propylbenzene

Concen: 49.219 ug/l

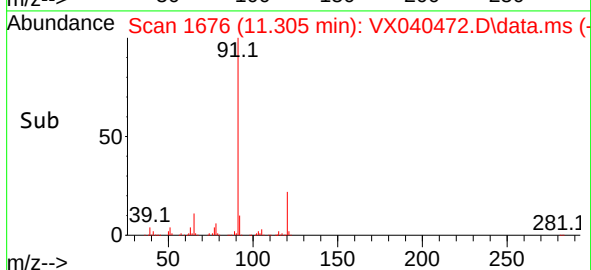
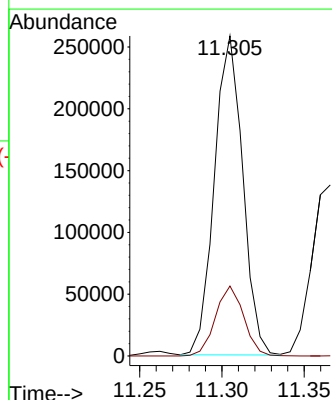
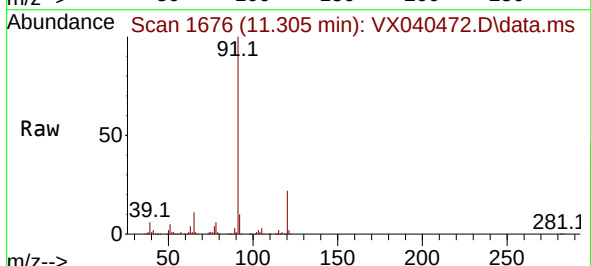
RT: 11.305 min Scan# 1676

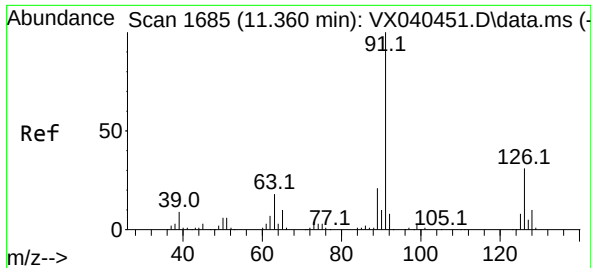
Delta R.T. -0.000 min

Lab File: VX040472.D

Acq: 26 Feb 2024 19:44

Tgt Ion:	91	Resp:	309191
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.5	34.4





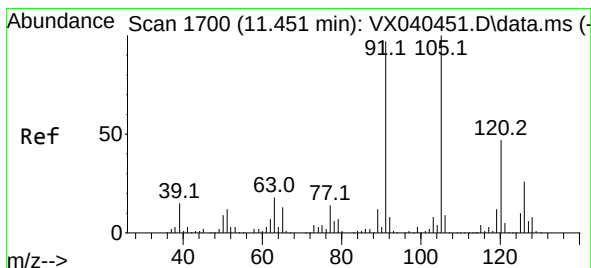
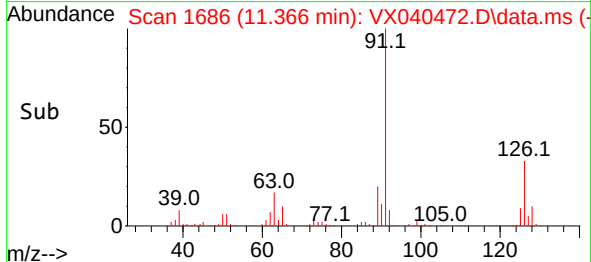
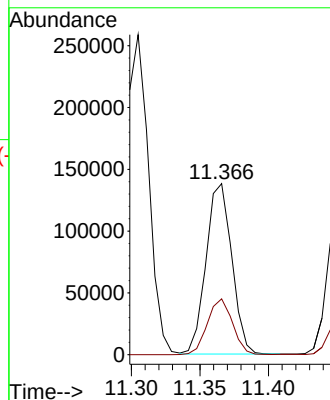
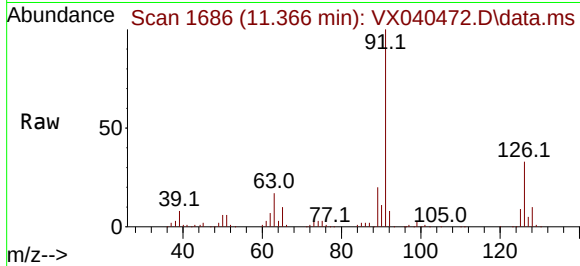
#79
2-Chlorotoluene
Concen: 47.693 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 180359
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8

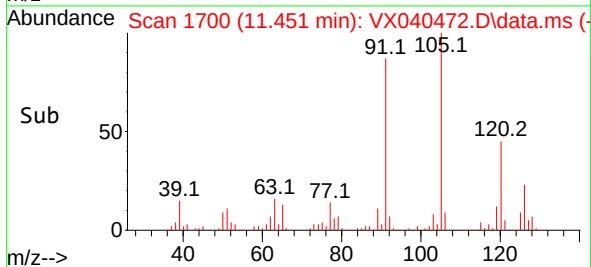
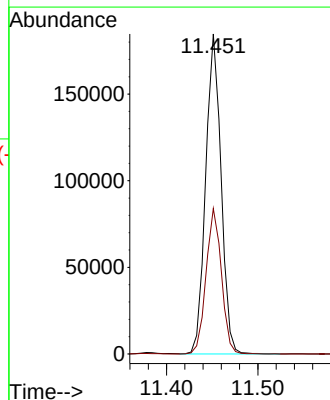
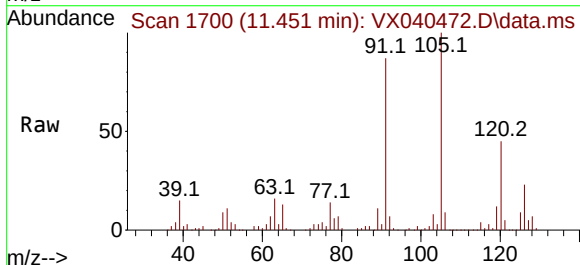
Manual Integrations
APPROVED

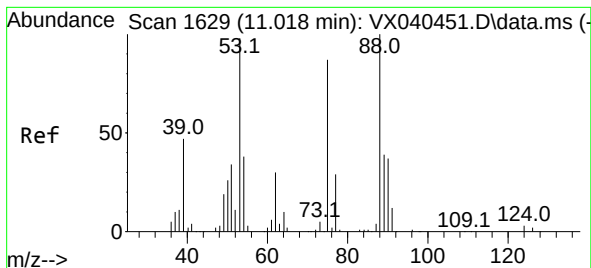
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#80
1,3,5-Trimethylbenzene
Concen: 49.997 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Tgt Ion:105 Resp: 215347
Ion Ratio Lower Upper
105 100
120 45.3 24.1 72.3





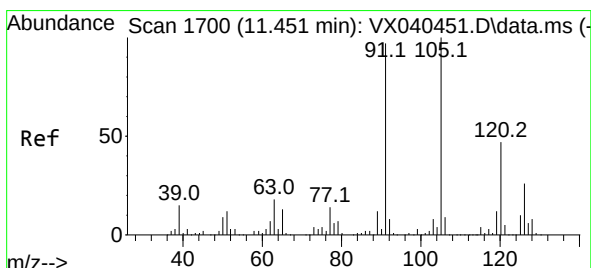
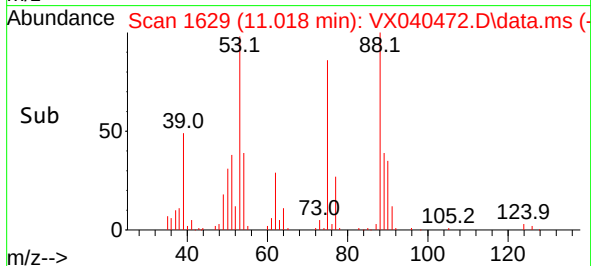
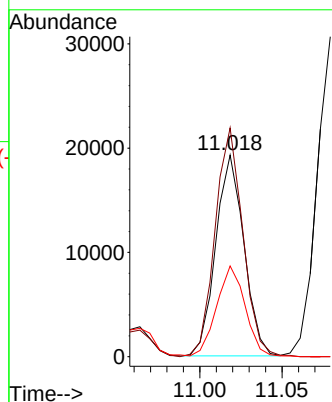
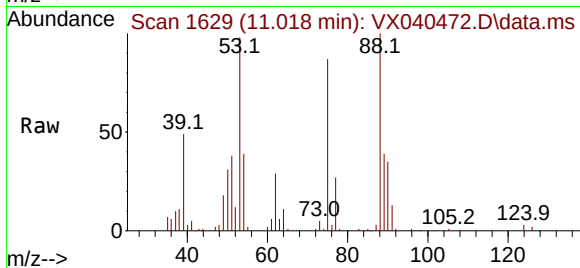
#81
trans-1,4-Dichloro-2-butene
Concen: 46.179 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 22995
Ion Ratio Lower Upper
75 100
53 112.0 90.5 135.7
89 45.8 36.9 55.3

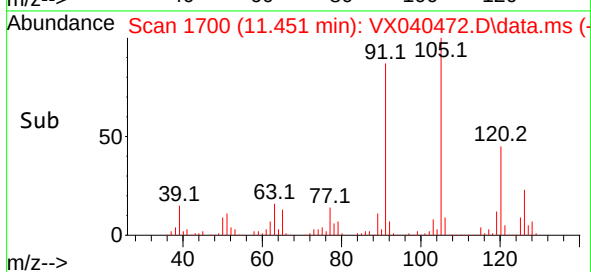
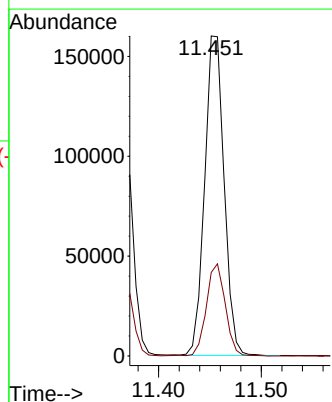
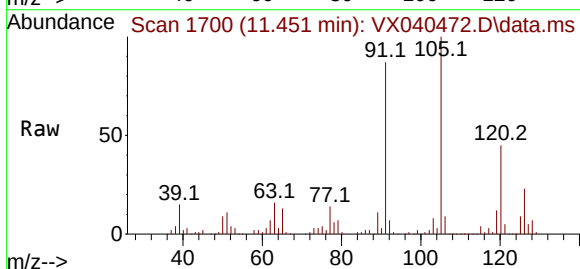
Manual Integrations
APPROVED

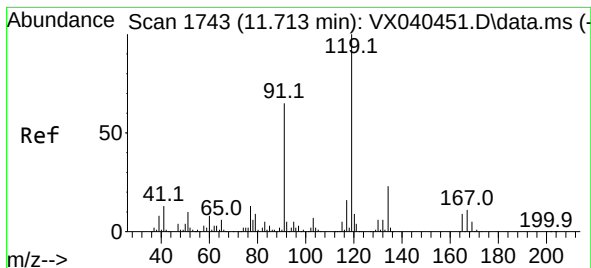
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#82
4-Chlorotoluene
Concen: 48.217 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Tgt Ion: 91 Resp: 210859
Ion Ratio Lower Upper
91 100
126 28.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.662 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX040472.D

Acq: 26 Feb 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 20166

Ion Ratio Lower Upper

119 100

91 64.6 31.2 93.6

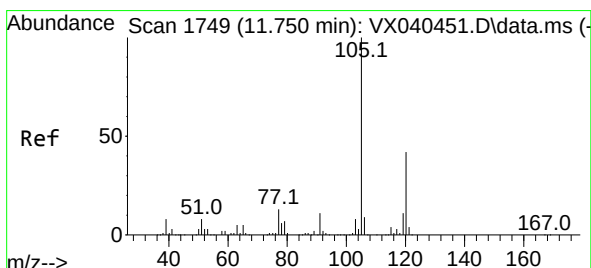
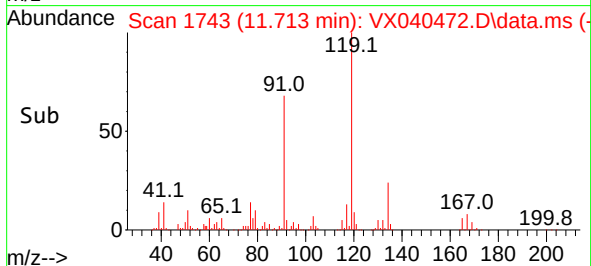
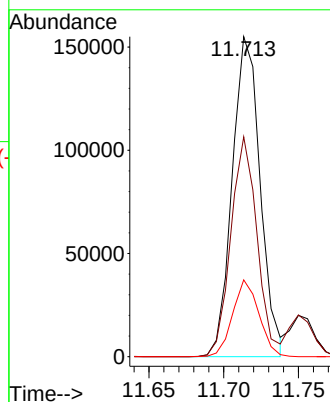
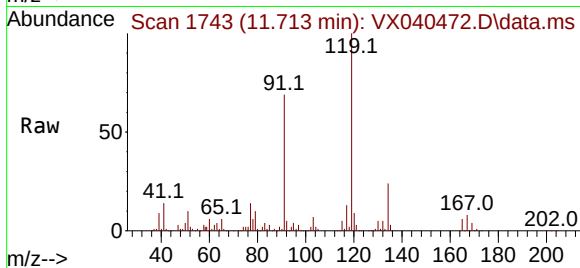
134 22.6 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carbone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#84

1,2,4-Trimethylbenzene

Concen: 50.235 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040472.D

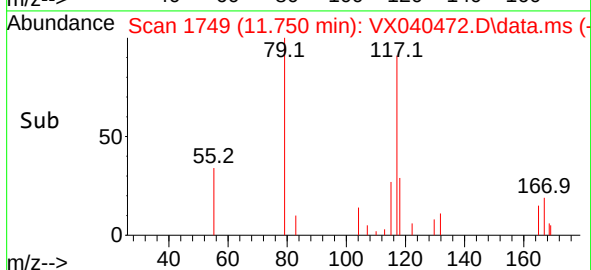
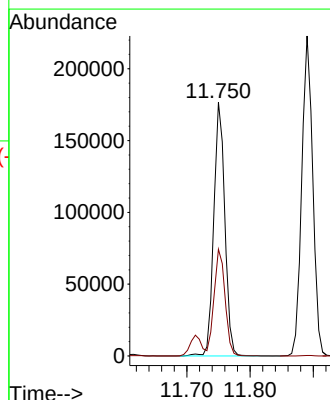
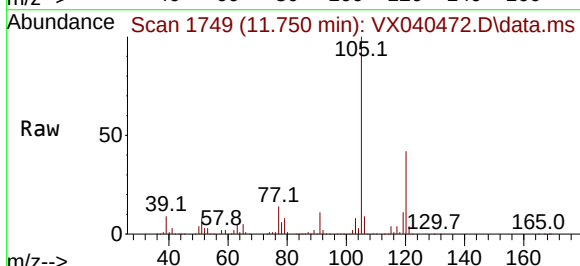
Acq: 26 Feb 2024 19:44

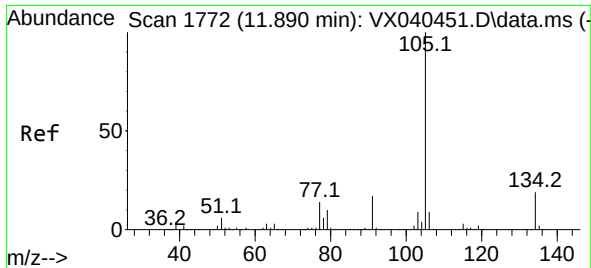
Tgt Ion:105 Resp: 214678

Ion Ratio Lower Upper

105 100

120 41.9 21.2 63.6





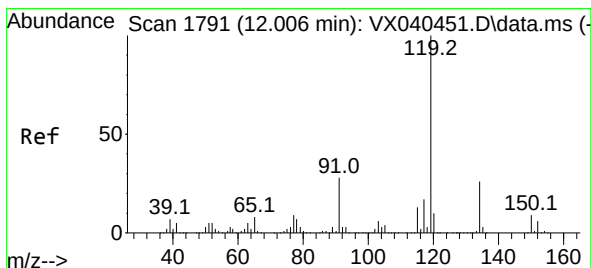
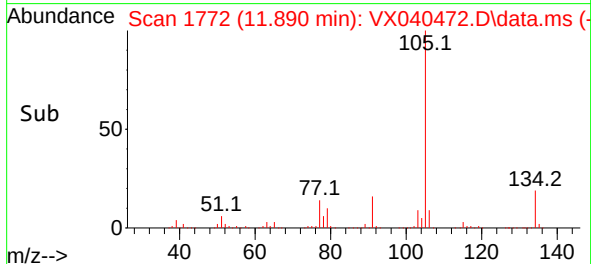
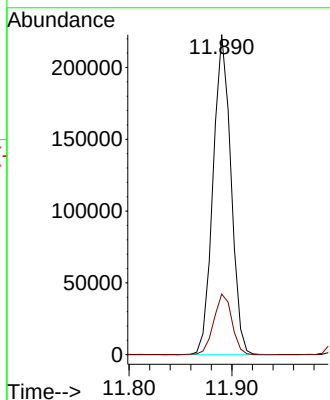
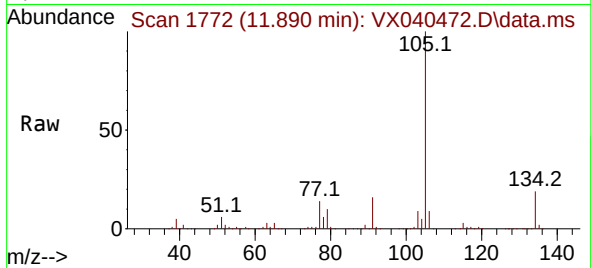
#85
 sec-Butylbenzene
 Concen: 50.263 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040472.D
 Acq: 26 Feb 2024 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 26813
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

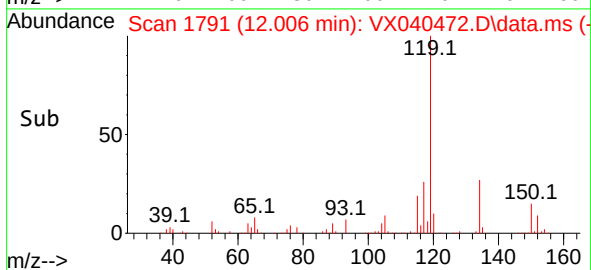
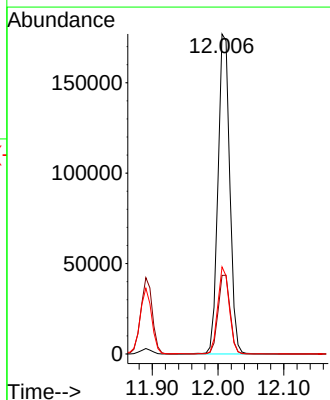
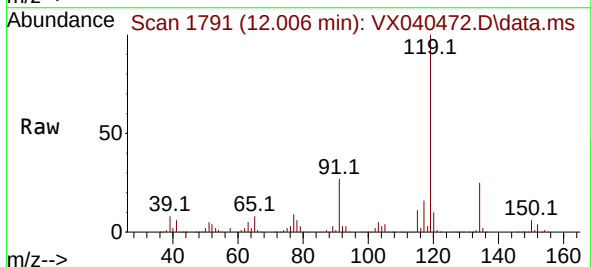
Manual Integrations
 APPROVED

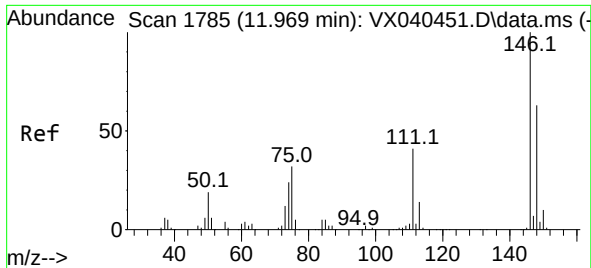
Reviewed By :John Carlone 02/27/2024
 Supervised By :Semsettin Yesilyurt 02/27/2024



#86
 p-Isopropyltoluene
 Concen: 50.110 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040472.D
 Acq: 26 Feb 2024 19:44

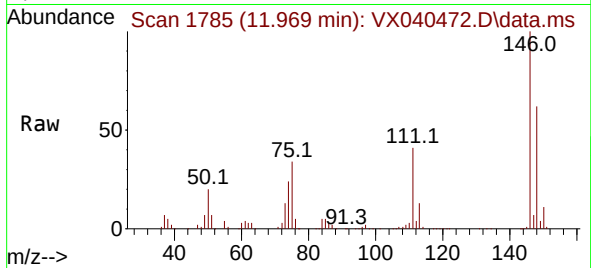
Tgt Ion:119 Resp: 220347
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.8 38.3
 91 26.5 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 47.622 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

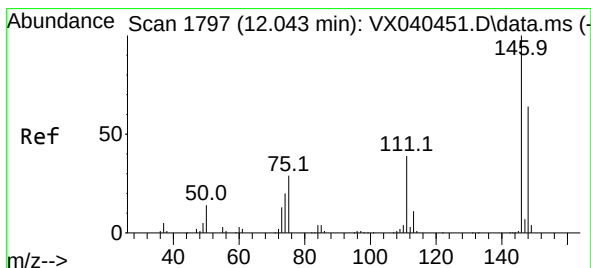
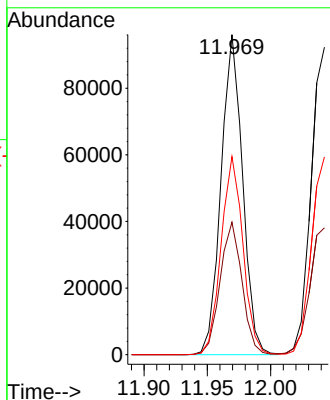
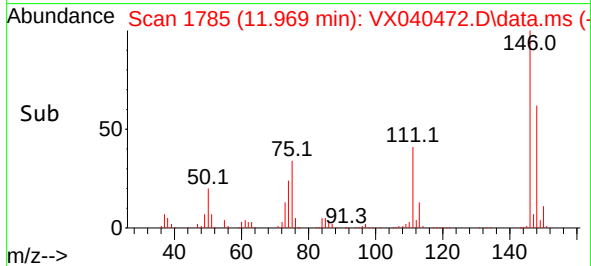
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



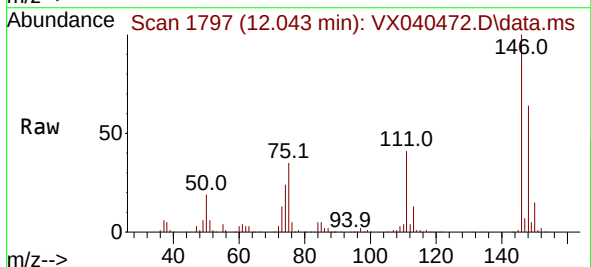
Tgt Ion:146 Resp: 113674
Ion Ratio Lower Upper
146 100
111 42.2 22.1 66.1
148 62.9 31.8 95.3

Manual Integrations
APPROVED

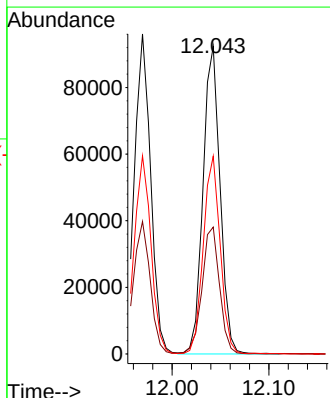
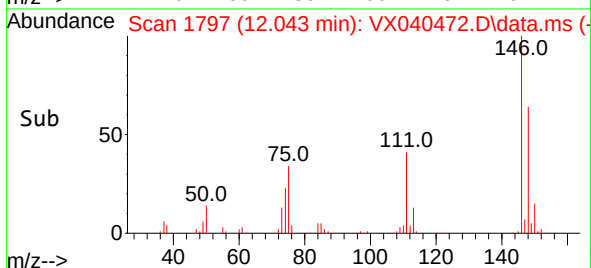
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

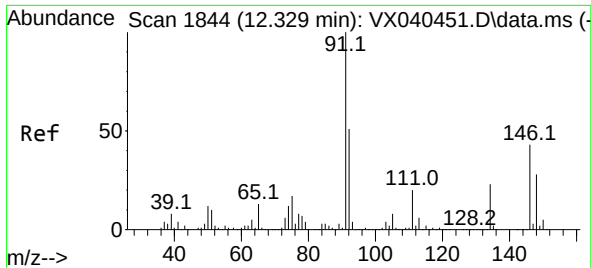


#88
1,4-Dichlorobenzene
Concen: 46.756 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44



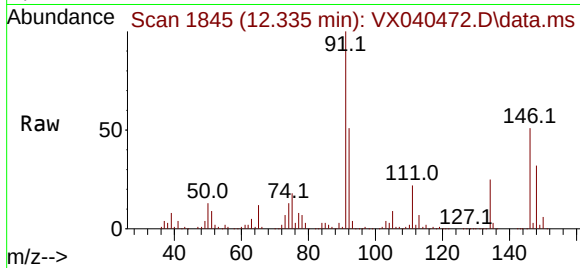
Tgt Ion:146 Resp: 113612
Ion Ratio Lower Upper
146 100
111 42.6 21.3 63.7
148 63.9 31.8 95.4





#89
n-Butylbenzene
Concen: 48.776 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

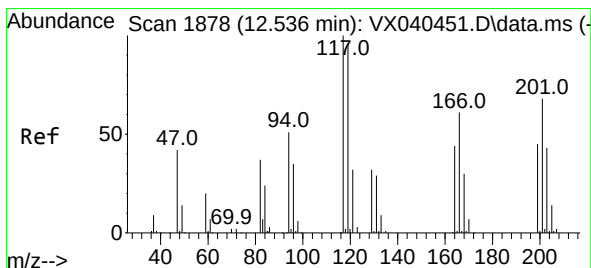
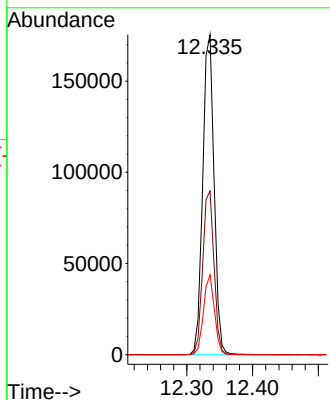
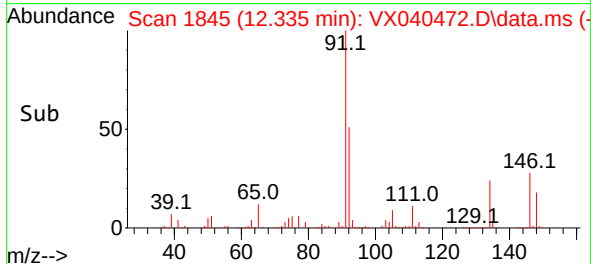
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 21101
Ion Ratio Lower Upper
91 100
92 51.0 27.4 82.0
134 24.0 12.6 37.8

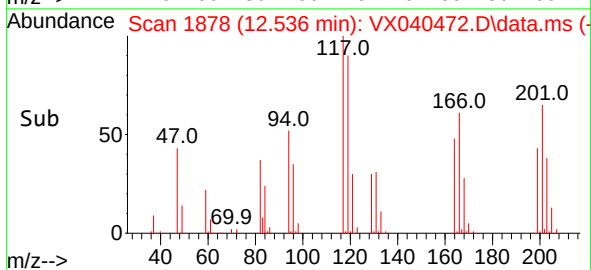
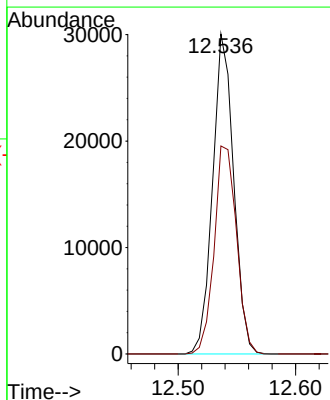
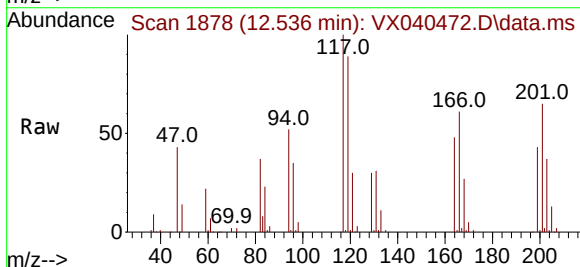
Manual Integrations
APPROVED

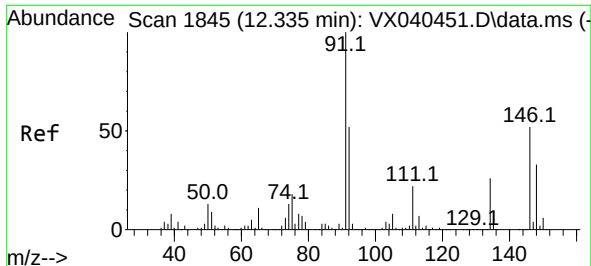
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#90
Hexachloroethane
Concen: 51.207 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Tgt Ion:117 Resp: 37476
Ion Ratio Lower Upper
117 100
201 69.0 32.9 98.6





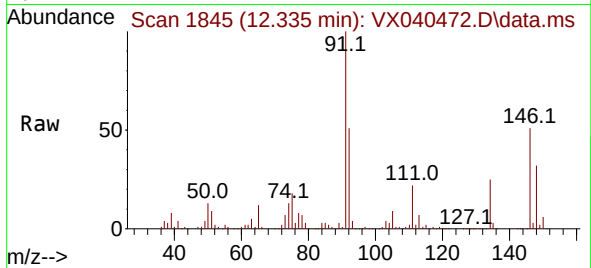
#91
1,2-Dichlorobenzene
Concen: 48.664 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



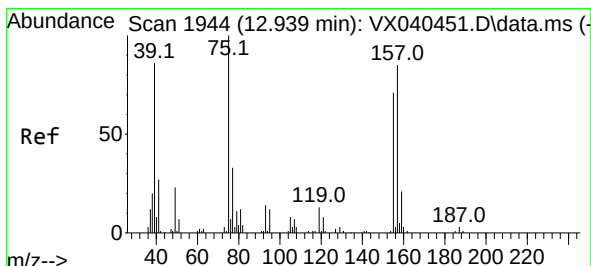
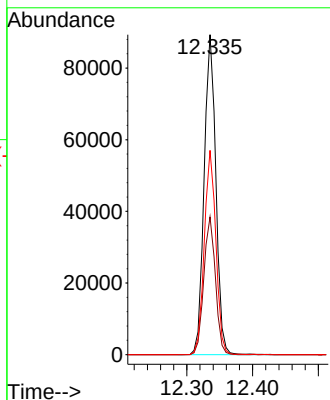
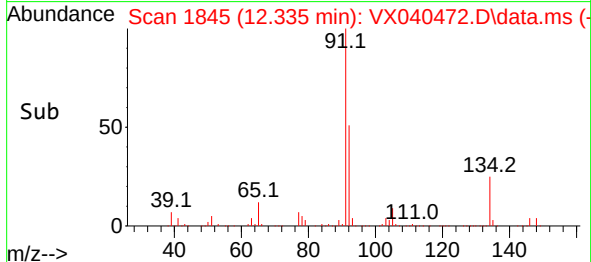
Tgt Ion:146 Resp: 110694
Ion Ratio Lower Upper
146 100
111 42.8 22.4 67.0
148 63.3 31.6 95.0

Manual Integrations

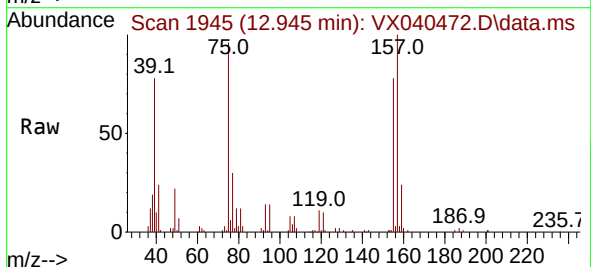
APPROVED

Reviewed By :John Carlone 02/27/2024

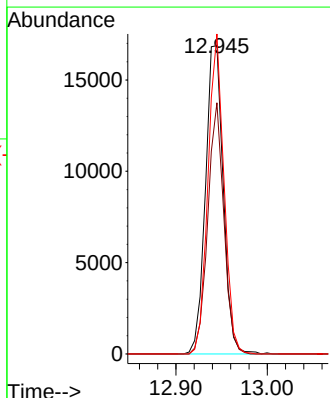
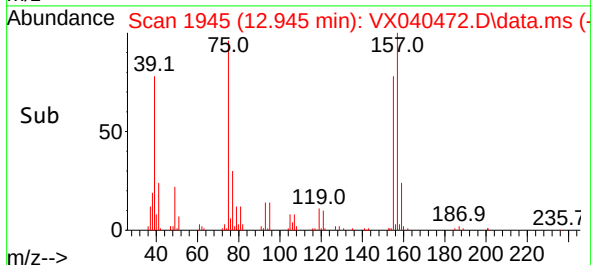
Supervised By :Semsettin Yesilyurt 02/27/2024

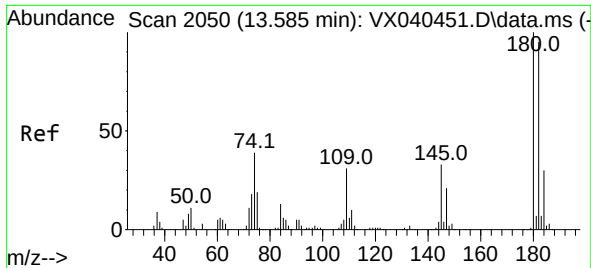


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.389 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44



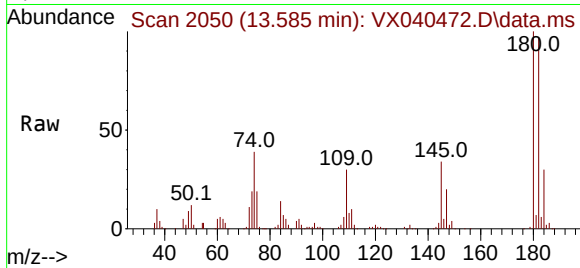
Tgt Ion: 75 Resp: 22797
Ion Ratio Lower Upper
75 100
155 73.4 36.1 108.5
157 92.8 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 47.976 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

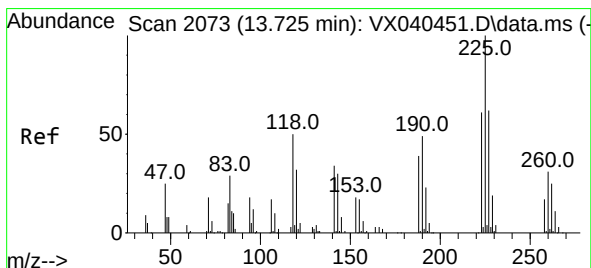
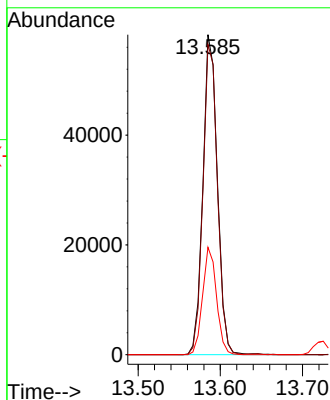
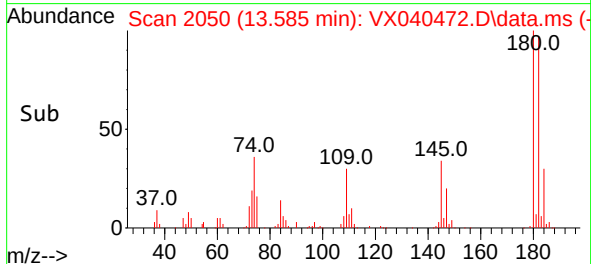
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



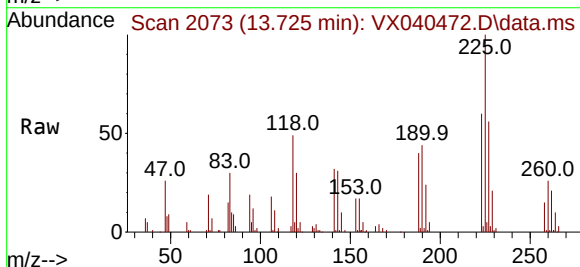
Tgt Ion:180 Resp: 71220
Ion Ratio Lower Upper
180 100
182 97.0 48.3 144.8
145 32.3 18.0 54.0

Manual Integrations
APPROVED

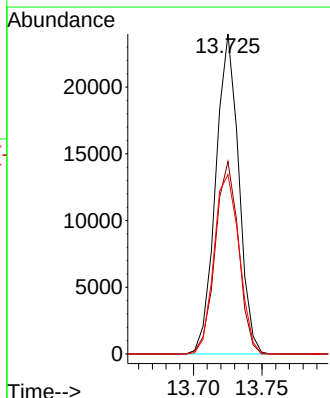
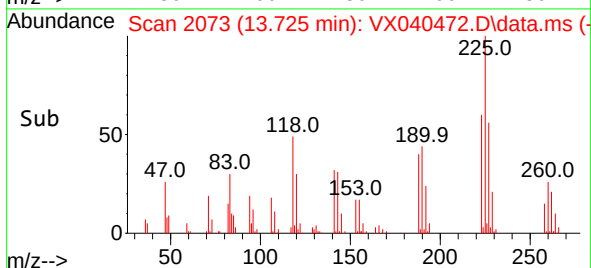
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

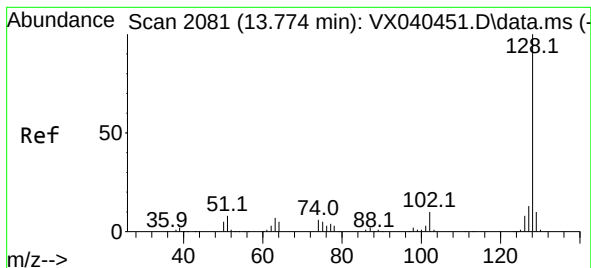


#94
Hexachlorobutadiene
Concen: 46.131 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44



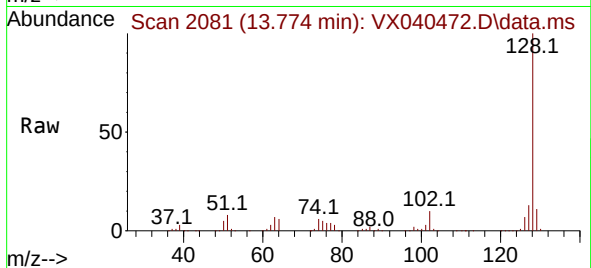
Tgt Ion:225 Resp: 27988
Ion Ratio Lower Upper
225 100
223 60.9 31.1 93.2
227 61.2 32.5 97.5





#95
Naphthalene
Concen: 50.961 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44

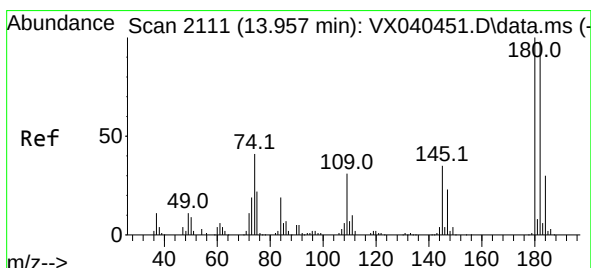
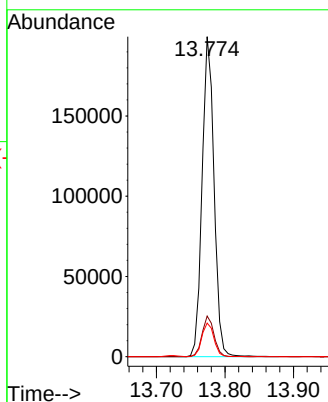
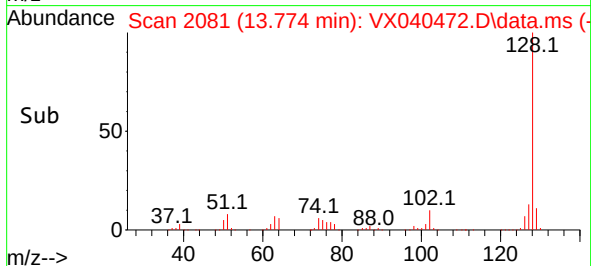
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



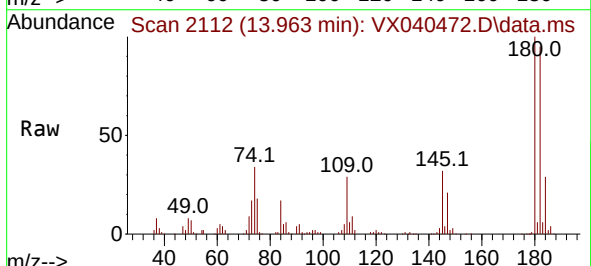
Tgt Ion:128 Resp: 241750
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.579 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040472.D
Acq: 26 Feb 2024 19:44



Tgt Ion:180 Resp: 69963
Ion Ratio Lower Upper
180 100
182 95.7 46.9 140.6
145 33.5 17.8 53.5

