

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080624\
 Data File : VX042861.D
 Acq On : 06 Aug 2024 10:54
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 04:26:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 07 04:19:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	40360	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	250915	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	230178	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	110832	29.841	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.467%
60) 4-Bromofluorobenzene	11.079	95	111729	29.753	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.167%
63) Toluene-d8	8.647	98	314704	30.268	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	111878	47.292	ug/l	99
3) Chloromethane	1.301	50	102319	47.125	ug/l	97
4) Vinyl Chloride	1.374	62	110164	47.522	ug/l	98
5) Bromomethane	1.599	94	64766	45.837	ug/l	100
6) Chloroethane	1.666	64	66110	47.938	ug/l	97
7) Trichlorofluoromethane	1.874	101	161827	43.766	ug/l	100
8) Diethyl Ether	2.136	74	70049	48.219	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	119593	47.448	ug/l	99
10) 1,1-Dichloroethene	2.313	96	112804	46.856	ug/l	97
11) Methyl Iodide	2.447	142	107942	48.749	ug/l	99
12) Methyl Acetate	2.709	43	276239	52.502	ug/l	99
13) Acrolein	2.240	56	31138	208.450	ug/l	93
14) Acrylonitrile	3.069	53	391340	244.675	ug/l	99
15) Acetone	2.386	58	105354	203.006	ug/l	83
16) Carbon Disulfide	2.502	76	225159	44.942	ug/l	100
17) Allyl chloride	2.660	41	185691	47.658	ug/l	98
18) Methylene Chloride	2.788	84	134030	48.008	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	116177	47.386	ug/l	99
20) Diisopropyl ether	3.764	45	420162	49.379	ug/l	94
21) 1,1-Dichloroethane	3.605	63	236838	48.942	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	152312	49.513	ug/l	95
23) tert-Butyl Alcohol	2.983	59	167420	226.965	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	427296	49.046	ug/l	100
25) Chloroform	5.093	83	253723	48.460	ug/l	97
26) Cyclohexane	5.465	56	178898	46.861	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	156438	48.380	ug/l	100
30) 2-Butanone	4.562	43	558857	234.694	ug/l	99
31) 2,2-Dichloropropane	4.471	77	185747	49.161	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	218371	48.772	ug/l	99
33) Carbon Tetrachloride	5.672	117	186259	48.639	ug/l	98
34) Benzene	6.038	78	505361	48.817	ug/l	98
35) Methacrylonitrile	4.922	41	112583	49.677	ug/l	97
36) 1,2-Dichloroethane	6.086	62	187776	49.149	ug/l	100
37) Trichloroethene	7.123	130	125997	48.076	ug/l	94
38) Methylcyclohexane	7.379	83	188437	47.023	ug/l	98
39) 1,2-Dichloropropane	7.428	63	128914	48.849	ug/l	92
40) Dibromomethane	7.580	93	97416	48.889	ug/l	98
41) Bromodichloromethane	7.824	83	191323	48.420	ug/l	99
42) Vinyl Acetate	3.721	43	1715846	246.376	ug/l	100

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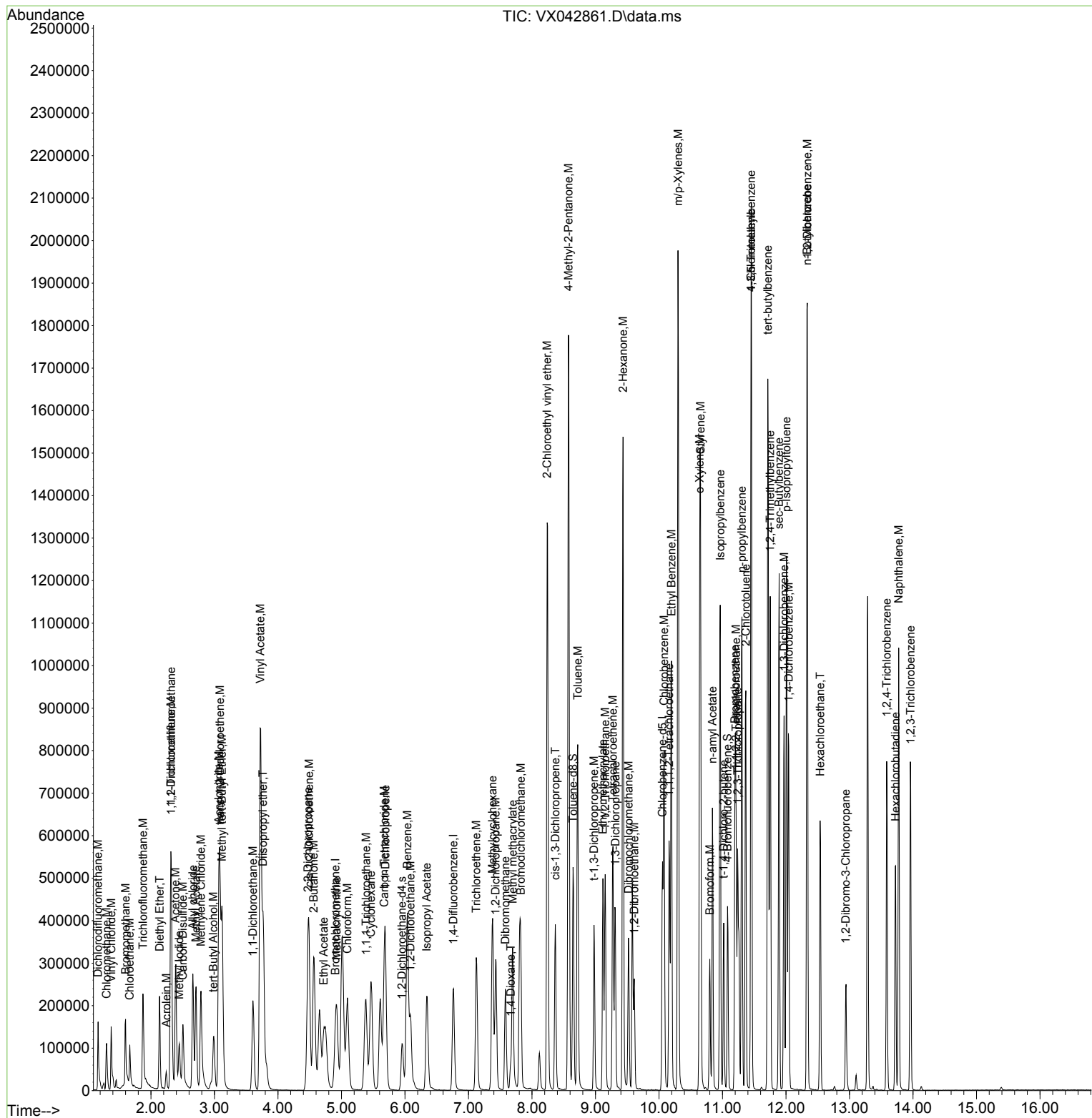
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 MSVOA_X
 ClientSampleId :

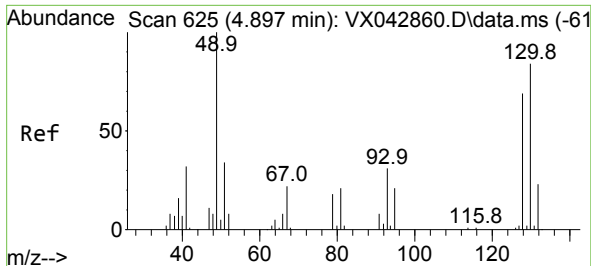
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	189325	46.740	ug/l	100
44) Isopropyl Acetate	6.342	43	312538	48.614	ug/l	98
45) 1,4-Dioxane	7.665	88	55563	849.107	ug/l #	94
46) Methyl methacrylate	7.696	41	158503	49.612	ug/l	97
47) n-amyl Acetate	10.842	43	265375	48.254	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	181284	47.859	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	200391	48.850	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	132061	48.593	ug/l	98
51) Ethyl methacrylate	9.116	69	217533	48.919	ug/l	99
52) 1,3-Dichloropropane	9.311	76	217596	48.790	ug/l	99
53) Dibromochloromethane	9.519	129	154083	48.718	ug/l	100
54) 1,2-Dibromoethane	9.610	107	138021	48.833	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	550087	267.874	ug/l	99
56) Bromoform	10.799	173	108428	47.826	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	1072342	247.389	ug/l	99
59) 2-Hexanone	9.433	43	817808	238.699	ug/l	99
61) Tetrachloroethene	9.275	164	110247	48.243	ug/l	97
62) Toluene	8.720	91	548627	48.664	ug/l	100
64) Chlorobenzene	10.080	112	348819	48.343	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	128727	49.144	ug/l	97
66) Ethyl Benzene	10.195	91	607865	48.511	ug/l	96
67) m/p-Xylenes	10.299	106	460332	97.167	ug/l	100
68) o-Xylene	10.640	106	230991	49.461	ug/l	98
69) Styrene	10.653	104	395272	49.152	ug/l	99
70) Isopropylbenzene	10.964	105	600140	48.826	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.214	83	214336	48.349	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	235845	65.130	ug/l	82
73) Bromobenzene	11.195	156	150500	48.188	ug/l	98
74) n-propylbenzene	11.305	91	701233	48.769	ug/l	100
75) 2-Chlorotoluene	11.366	91	430674	49.074	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	509101	48.868	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	64940	50.439	ug/l	98
78) 4-Chlorotoluene	11.451	91	488348	48.519	ug/l	99
79) tert-butylbenzene	11.713	119	524019	49.021	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	508606	49.485	ug/l	100
81) sec-Butylbenzene	11.890	105	637336	48.645	ug/l	99
82) p-Isopropyltoluene	12.006	119	531148	48.410	ug/l	99
83) 1,3-Dichlorobenzene	11.970	146	276359	48.076	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	275607	47.689	ug/l	99
85) n-Butylbenzene	12.329	91	475767	48.111	ug/l	98
86) Hexachloroethane	12.536	117	95550	48.253	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	277484	48.456	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	49313	49.240	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	179968	48.306	ug/l	98
90) Hexachlorobutadiene	13.725	225	76947	47.793	ug/l	97
91) Naphthalene	13.774	128	620124	49.445	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	183191	48.691	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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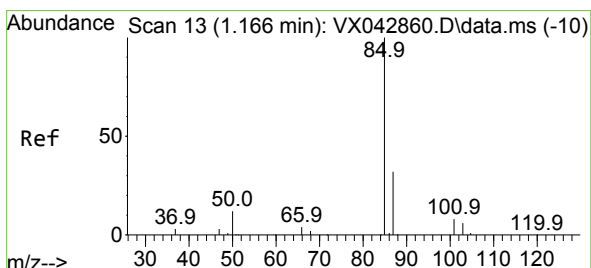
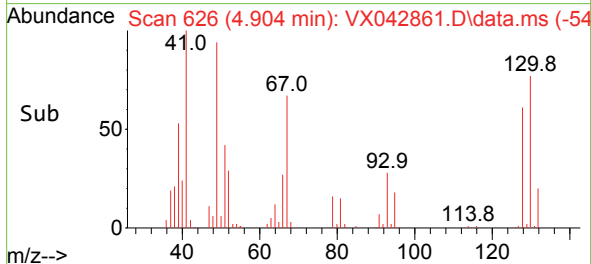
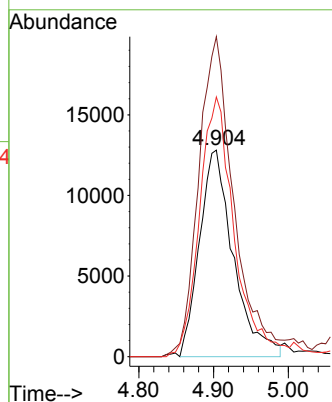
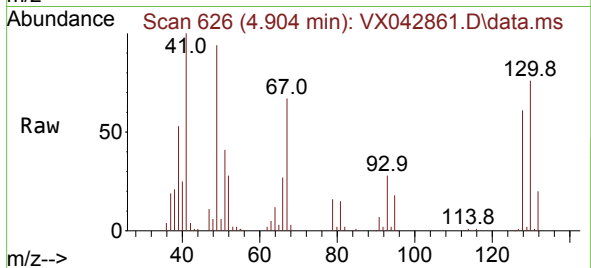




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

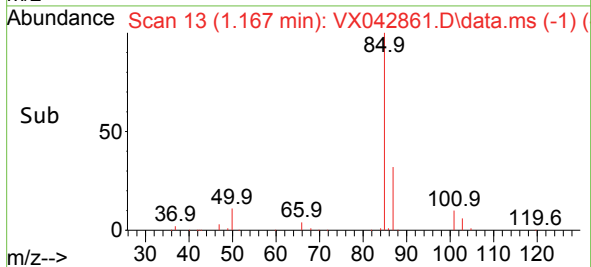
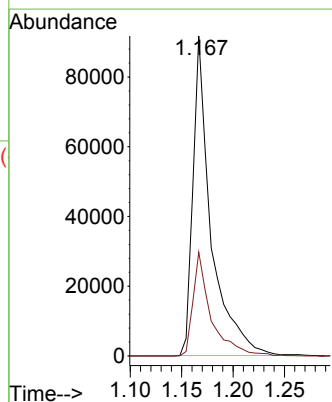
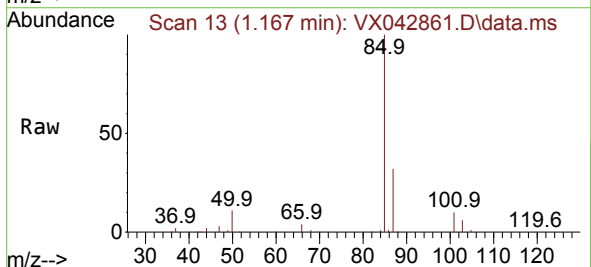
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MSVOA_X
ClientSampleId :

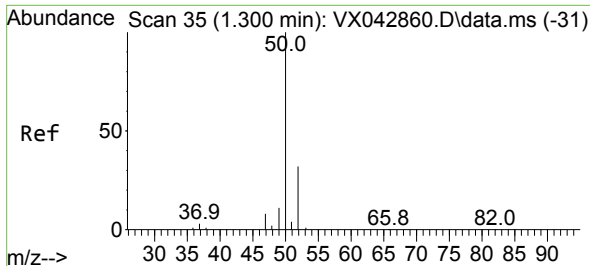
Tgt Ion:128 Resp: 40360
Ion Ratio Lower Upper
128 100
49 160.1 0.0 400.5
130 129.3 0.0 333.0



#2
Dichlorodifluoromethane
Concen: 47.292 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

Tgt Ion: 85 Resp: 111878
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0

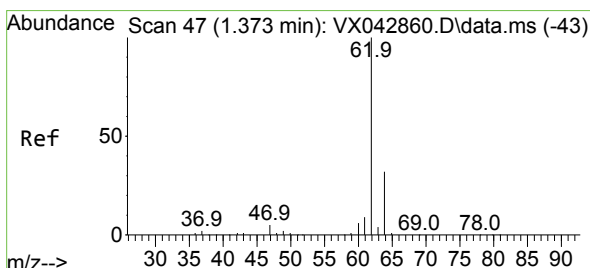
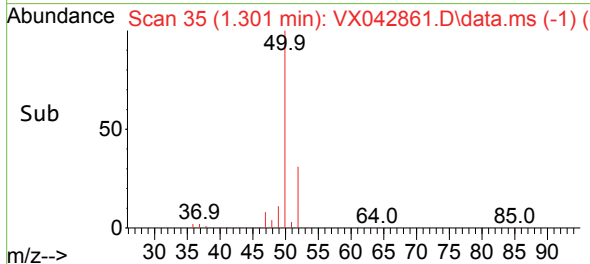
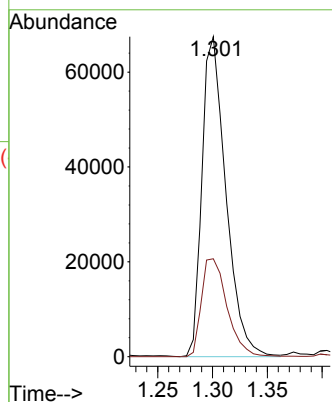
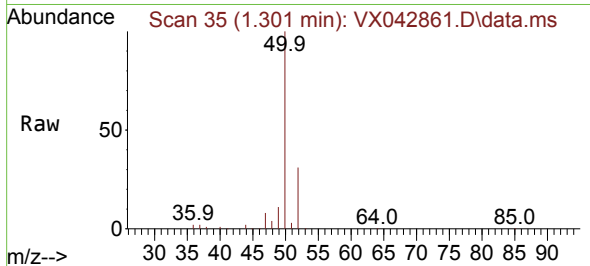




#3
Chloromethane
Concen: 47.125 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

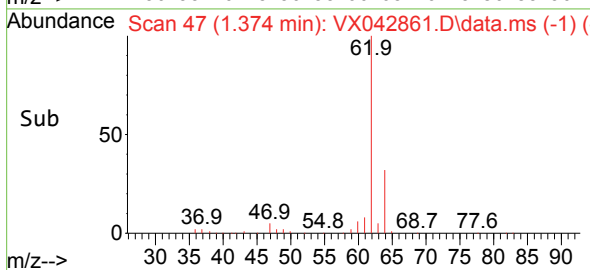
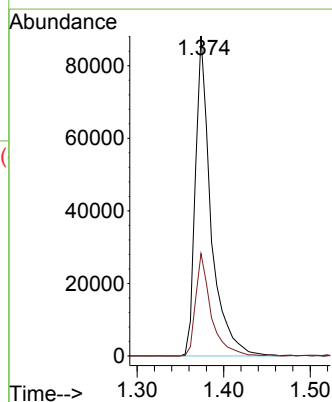
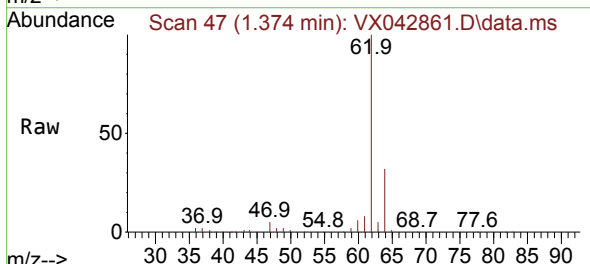
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MSVOA_X
ClientSampleId :

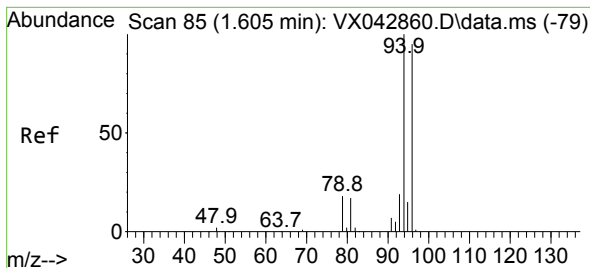
Tgt Ion: 50 Resp: 102319
Ion Ratio Lower Upper
50 100
52 30.6 26.0 39.0



#4
Vinyl Chloride
Concen: 47.522 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

Tgt Ion: 62 Resp: 110164
Ion Ratio Lower Upper
62 100
64 32.0 26.3 39.5





#5

Bromomethane

Concen: 45.837 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.006 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

Instrument :

MSVOA_X

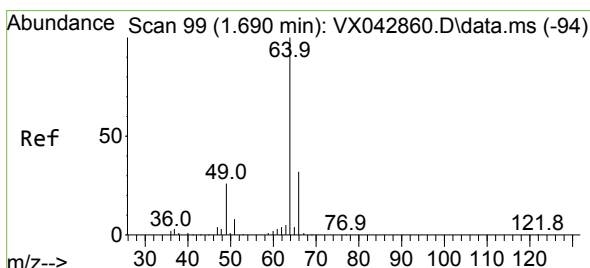
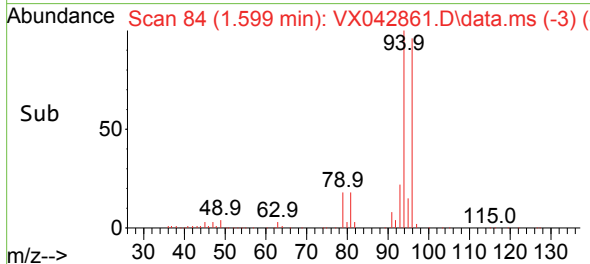
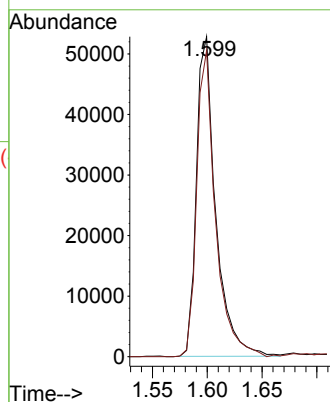
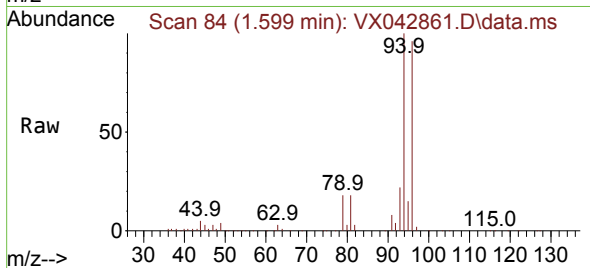
ClientSampleId :

Tgt Ion: 94 Resp: 64766

Ion Ratio Lower Upper

94 100

96 95.7 76.2 114.4



#6

Chloroethane

Concen: 47.938 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.024 min

Lab File: VX042861.D

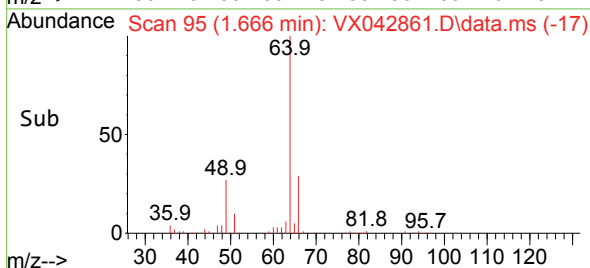
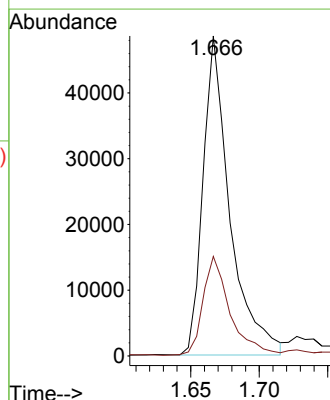
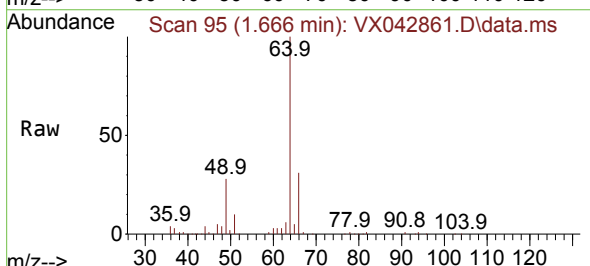
Acq: 06 Aug 2024 10:54

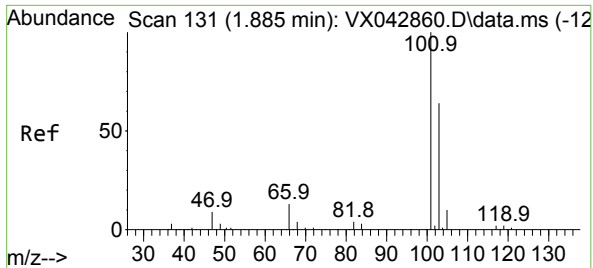
Tgt Ion: 64 Resp: 66110

Ion Ratio Lower Upper

64 100

66 30.7 25.9 38.9

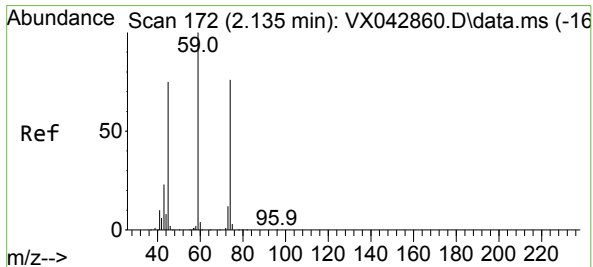
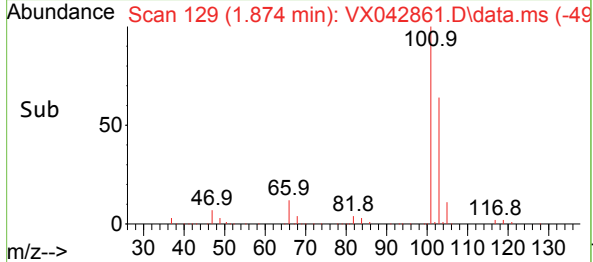
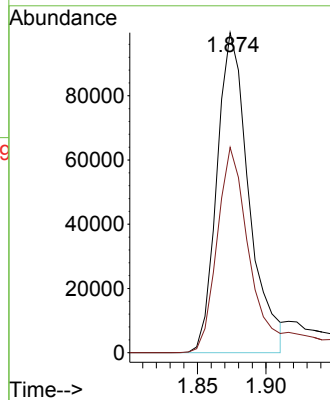
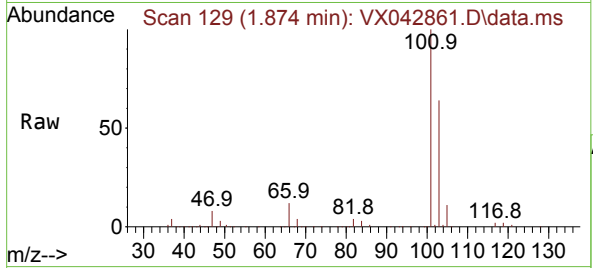




#7
 Trichlorofluoromethane
 Concen: 43.766 ug/l
 RT: 1.874 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VX042861.D
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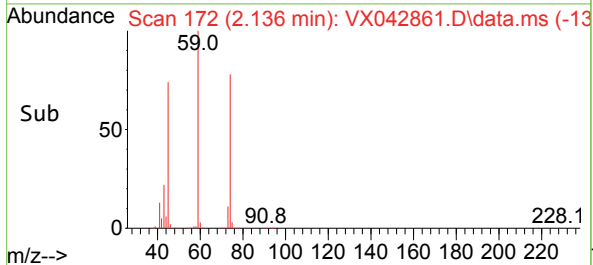
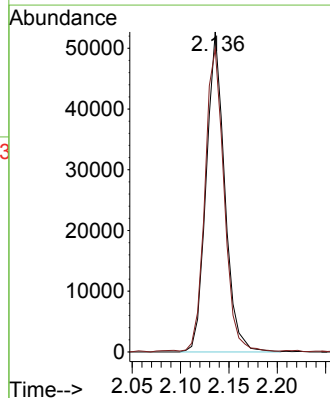
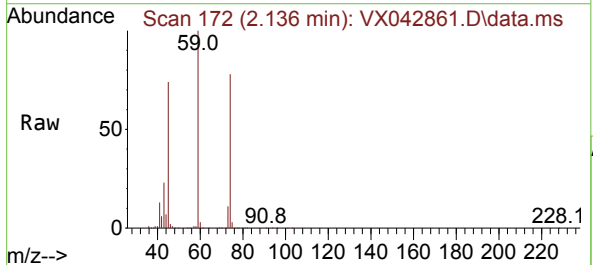
Instrument :
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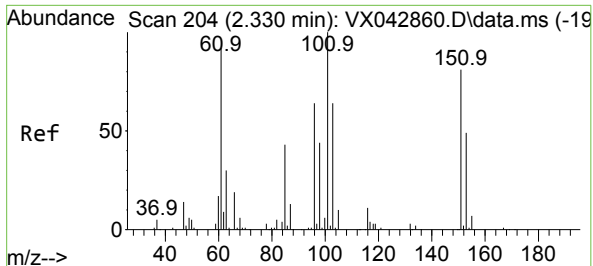
Tgt Ion:101 Resp: 161827
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.5 77.3



#8
 Diethyl Ether
 Concen: 48.219 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.001 min
 Lab File: VX042861.D
 Acq: 06 Aug 2024 10:54

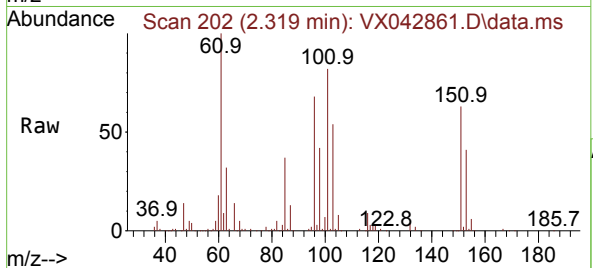
Tgt Ion: 74 Resp: 70049
 Ion Ratio Lower Upper
 74 100
 45 98.3 20.3 182.3



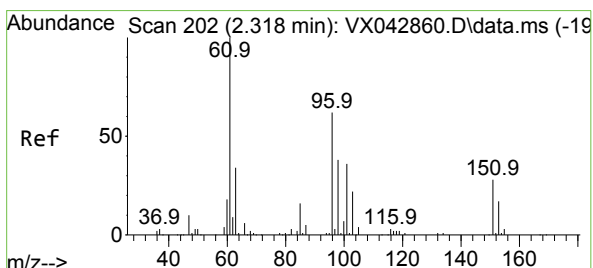
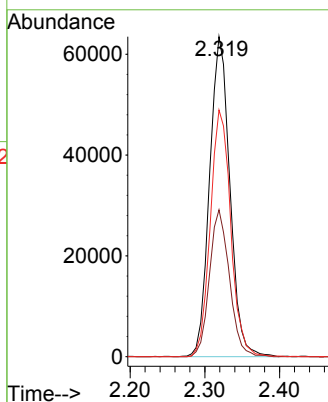
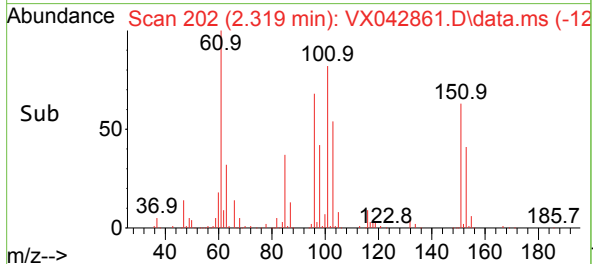


#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.448 ug/l
RT: 2.319 min Scan# 201
Delta R.T. -0.012 min
Lab File: VX042861.D
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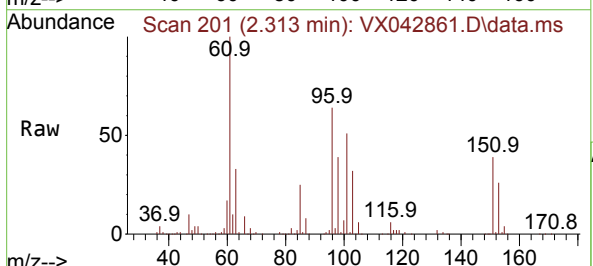
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MSVOA_X
ClientSampleId :



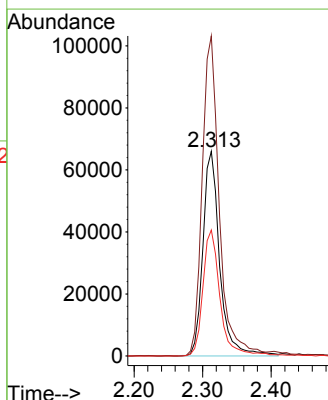
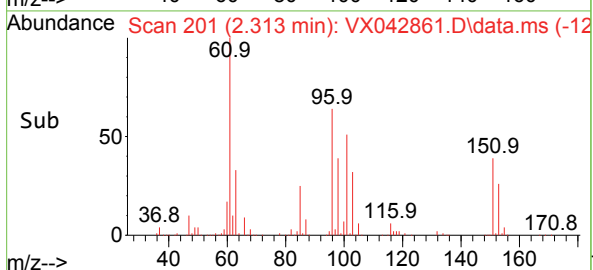
Tgt Ion:101 Resp: 119593
Ion Ratio Lower Upper
101 100
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151 77.7 0.0 157.6

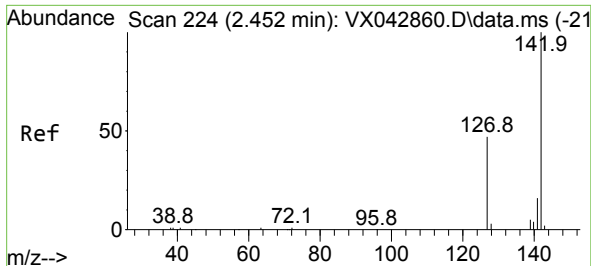


#10
1,1-Dichloroethene
Concen: 46.856 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54



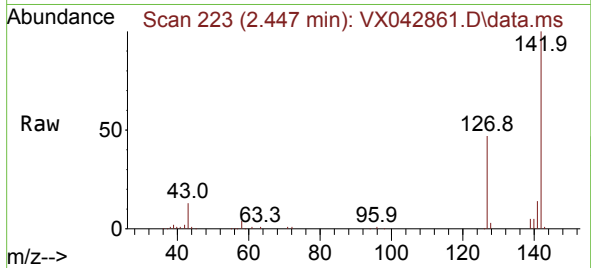
Tgt Ion: 96 Resp: 112804
Ion Ratio Lower Upper
96 100
61 156.4 129.2 193.8
98 61.5 48.6 72.8



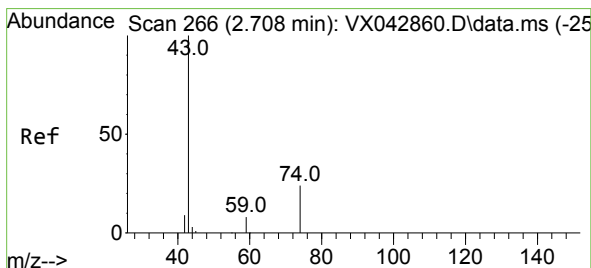
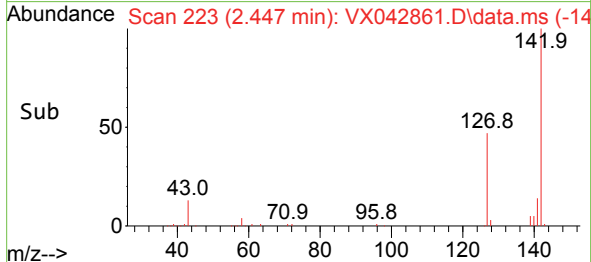
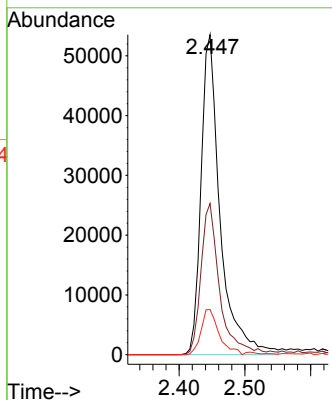


#11
Methyl Iodide
Concen: 48.749 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

Instrument :
MSVOA_X
ClientSampleId :

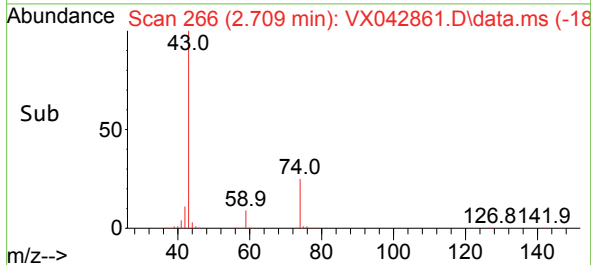
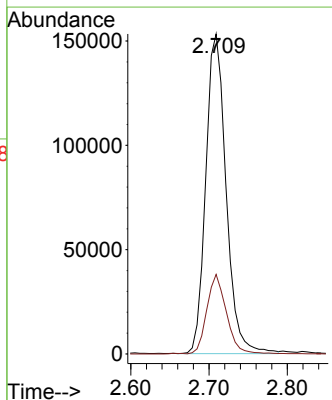
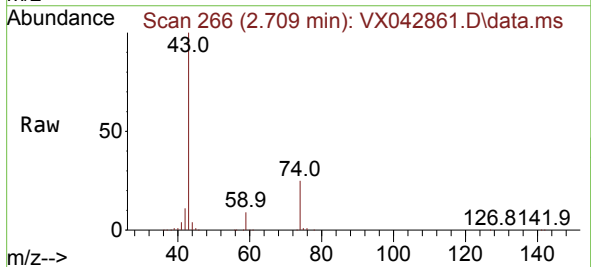


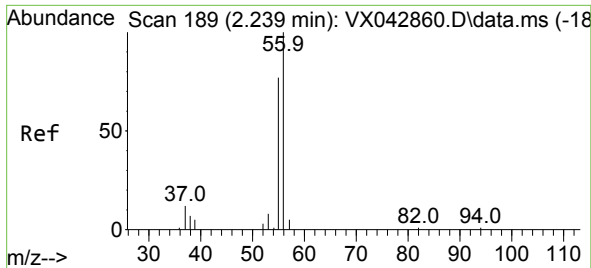
Tgt Ion:142 Resp: 107942
Ion Ratio Lower Upper
142 100
127 47.2 23.6 71.0
141 14.1 8.0 23.8



#12
Methyl Acetate
Concen: 52.502 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

Tgt Ion: 43 Resp: 276239
Ion Ratio Lower Upper
43 100
74 24.8 19.4 29.2

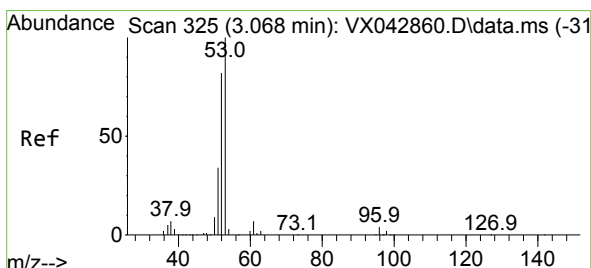
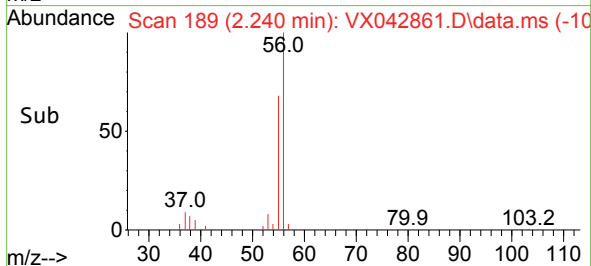
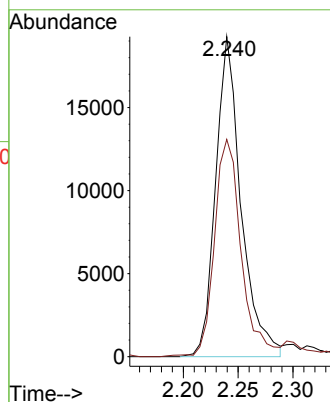
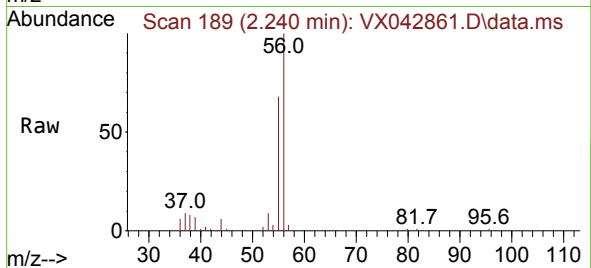




#13
Acrolein
Concen: 208.450 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

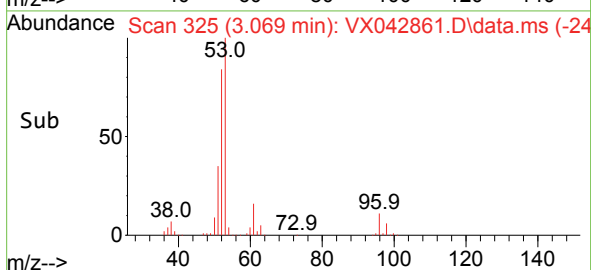
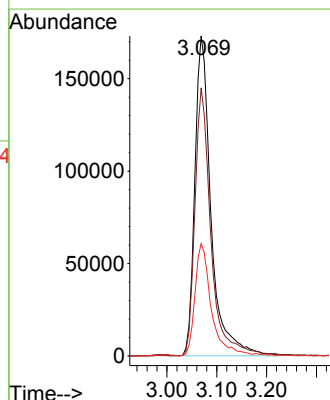
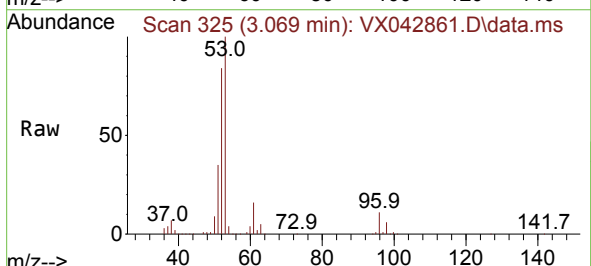
Instrument :
MSVOA_X
ClientSampleId :

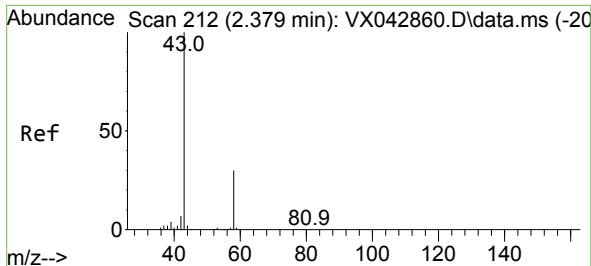
Tgt Ion: 56 Resp: 31138
Ion Ratio Lower Upper
56 100
55 69.5 60.6 90.8



#14
Acrylonitrile
Concen: 244.675 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

Tgt Ion: 53 Resp: 391340
Ion Ratio Lower Upper
53 100
52 82.7 41.2 123.6
51 35.3 17.9 53.8





#15

Acetone

Concen: 203.006 ug/l

RT: 2.386 min Scan# 21

Delta R.T. 0.007 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

Instrument :

MSVOA_X

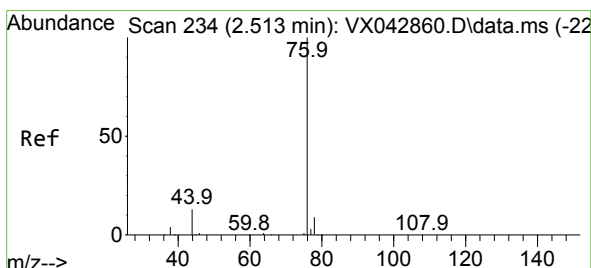
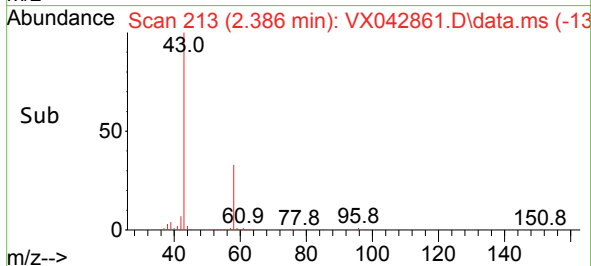
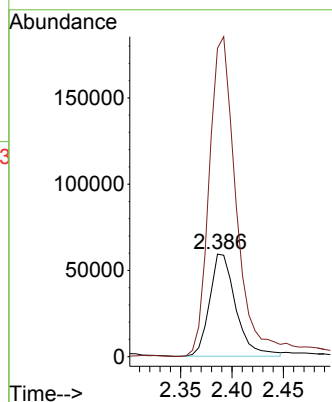
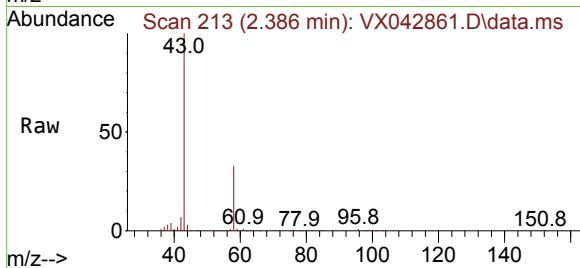
ClientSampleId :

Tgt Ion: 58 Resp: 105354

Ion Ratio Lower Upper

58 100

43 301.7 269.9 404.9



#16

Carbon Disulfide

Concen: 44.942 ug/l

RT: 2.502 min Scan# 232

Delta R.T. -0.012 min

Lab File: VX042861.D

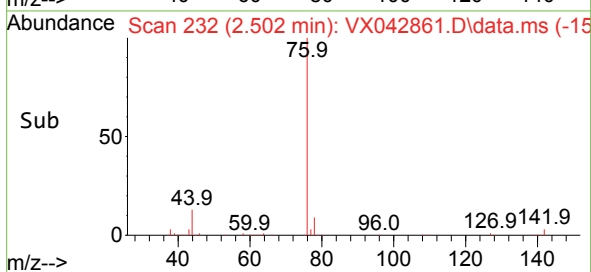
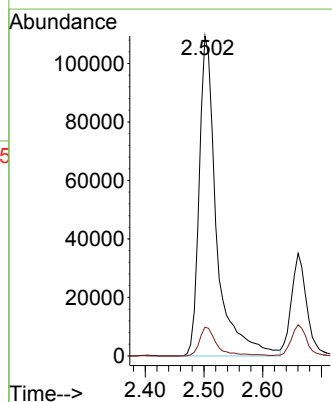
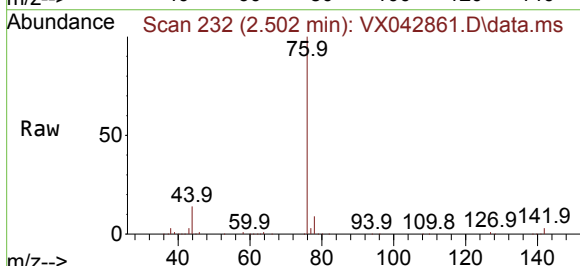
Acq: 06 Aug 2024 10:54

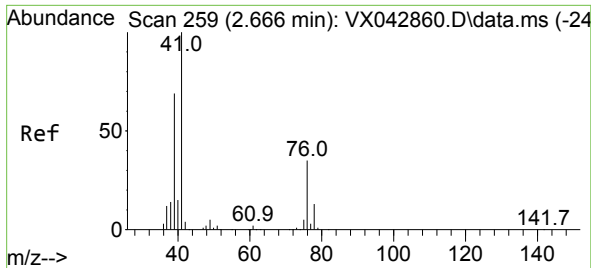
Tgt Ion: 76 Resp: 225159

Ion Ratio Lower Upper

76 100

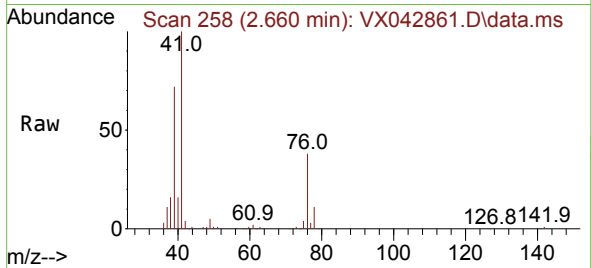
78 9.0 7.1 10.7



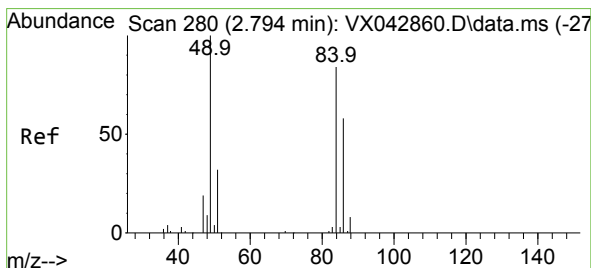
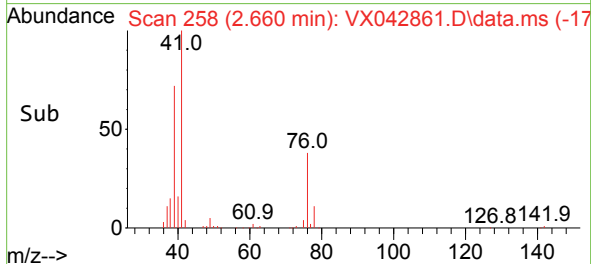
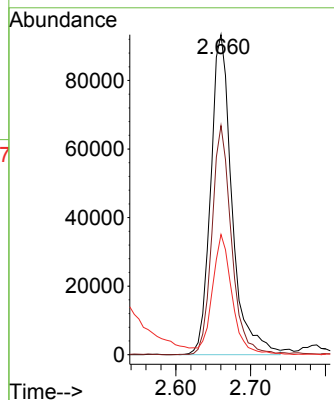


#17
 Allyl chloride
 Concen: 47.658 ug/l
 RT: 2.660 min Scan# 217
 Delta R.T. -0.006 min
 Lab File: VX042861.D
 Acq: 06 Aug 2024 10:54

Instrument :
 MSVOA_X
 ClientSampleId :

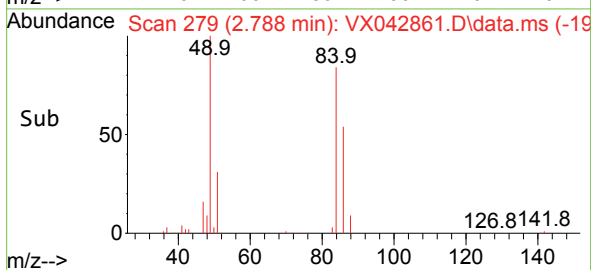
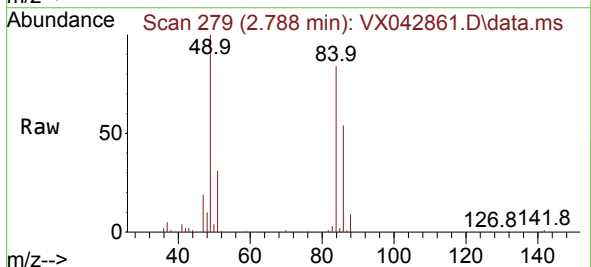
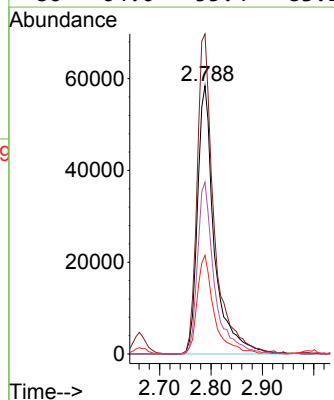


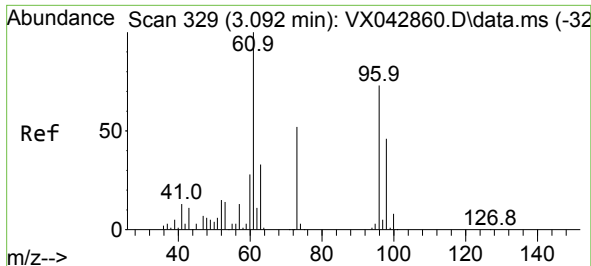
Tgt Ion: 41 Resp: 185691
 Ion Ratio Lower Upper
 41 100
 39 71.5 34.6 103.9
 76 37.1 18.4 55.4



#18
 Methylene Chloride
 Concen: 48.008 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VX042861.D
 Acq: 06 Aug 2024 10:54

Tgt Ion: 84 Resp: 134030
 Ion Ratio Lower Upper
 84 100
 49 119.3 95.0 142.6
 51 36.8 30.1 45.1
 86 64.0 55.4 83.2

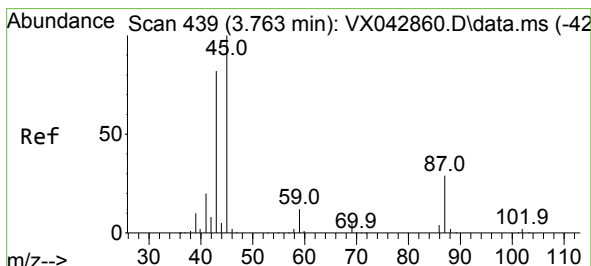
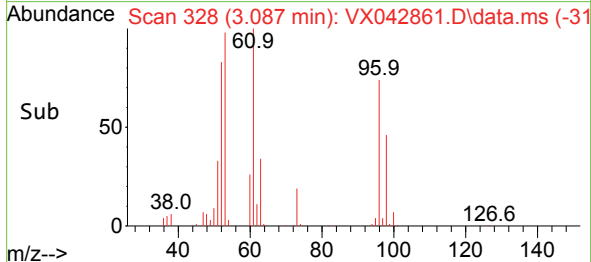
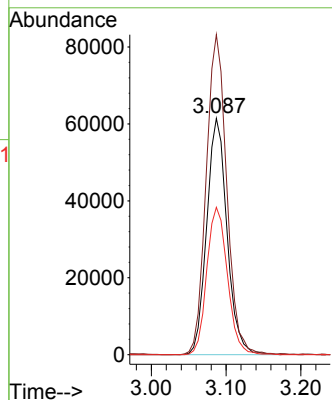
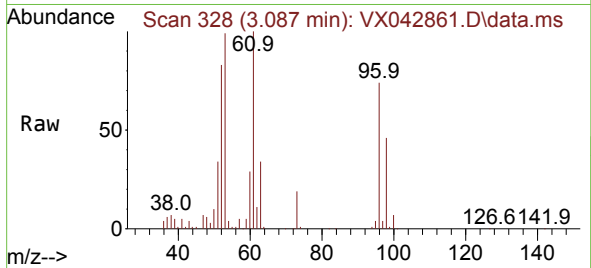




#19
trans-1,2-Dichloroethene
Concen: 47.386 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

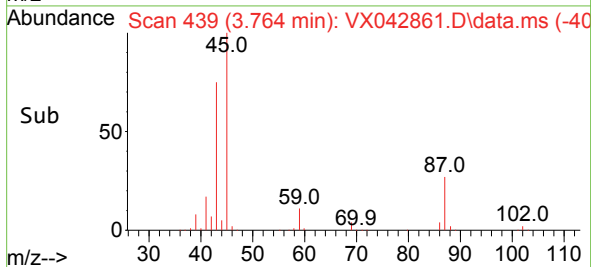
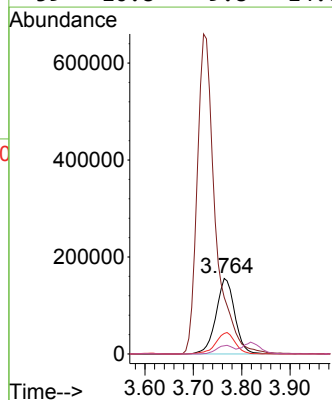
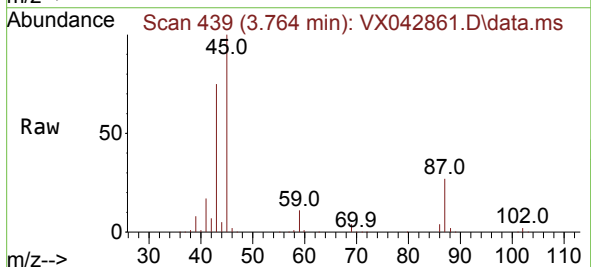
Instrument :
MSVOA_X
ClientSampleId :

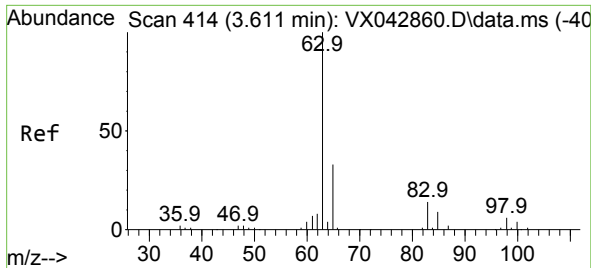
Tgt Ion: 96 Resp: 116177
Ion Ratio Lower Upper
96 100
61 135.4 109.6 164.4
98 62.3 50.4 75.6



#20
Diisopropyl ether
Concen: 49.379 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

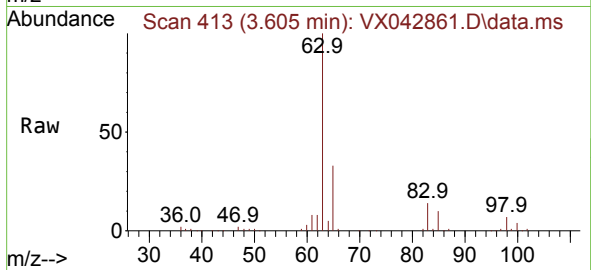
Tgt Ion: 45 Resp: 420162
Ion Ratio Lower Upper
45 100
43 75.0 65.4 98.2
87 27.1 23.0 34.6
59 10.8 9.8 14.6



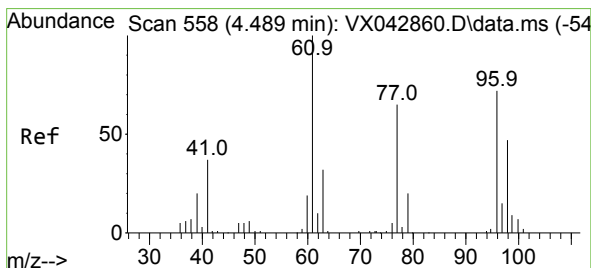
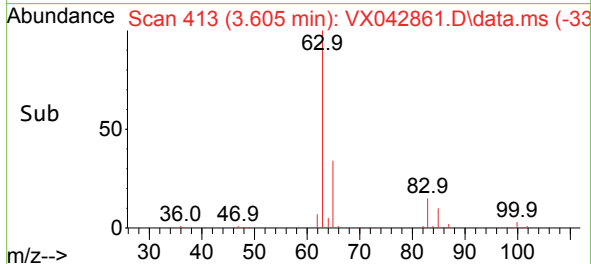
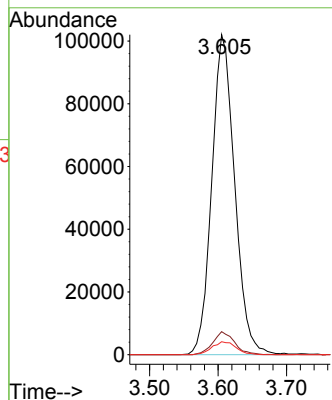


#21
1,1-Dichloroethane
Concen: 48.942 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

Instrument :
MSVOA_X
ClientSampleId :

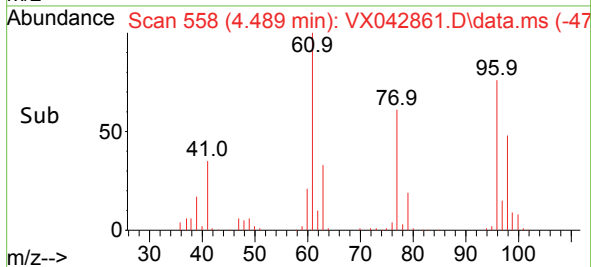
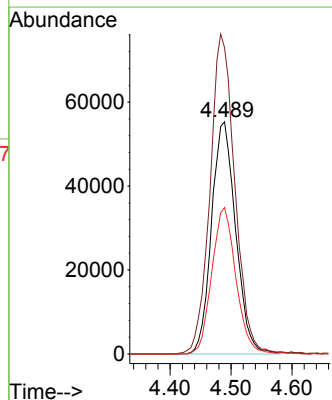
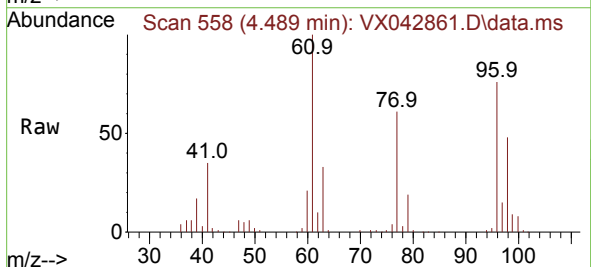


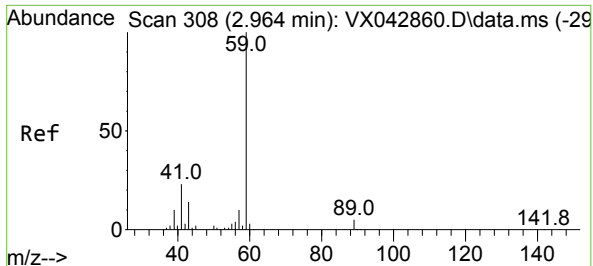
Tgt Ion: 63 Resp: 236838
Ion Ratio Lower Upper
63 100
98 7.2 2.9 8.8
100 4.0 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 49.513 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

Tgt Ion: 96 Resp: 152312
Ion Ratio Lower Upper
96 100
61 141.4 117.7 176.5
98 62.6 53.4 80.0

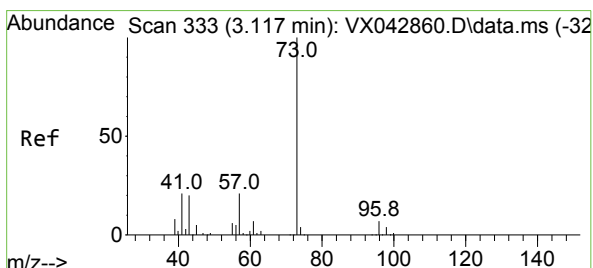
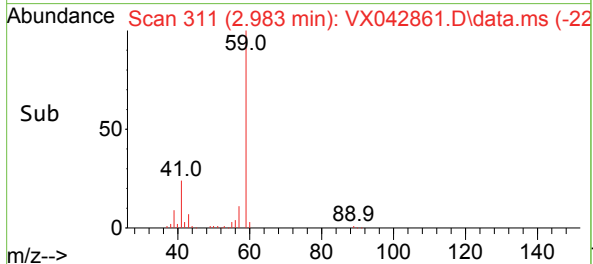
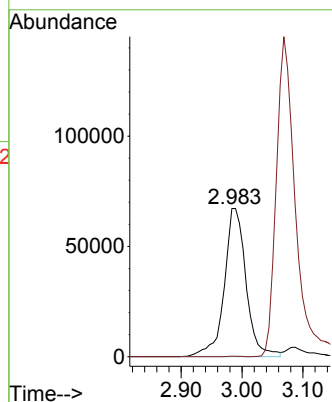
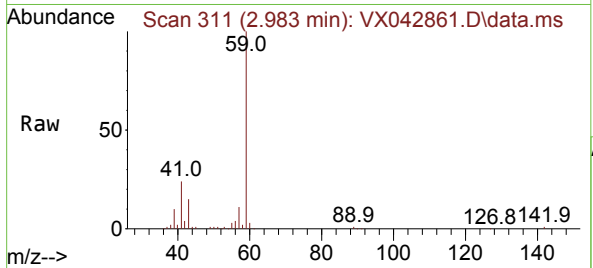




#23
tert-Butyl Alcohol
Concen: 226.965 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.019 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

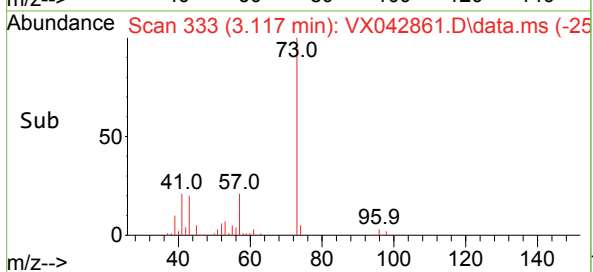
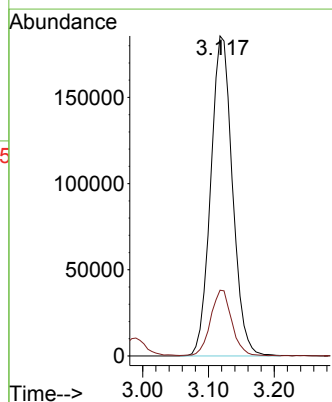
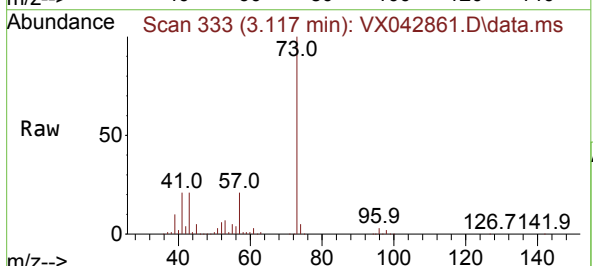
Instrument :
MSVOA_X
ClientSampleId :

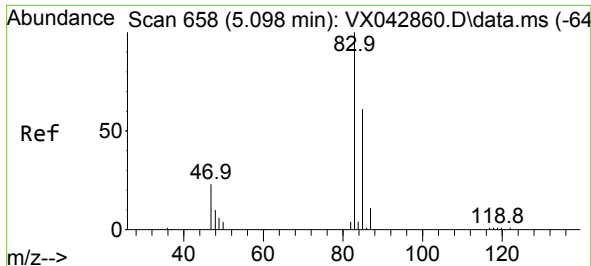
Tgt Ion: 59 Resp: 167420
Ion Ratio Lower Upper
59 100
52 0.2 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 49.046 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

Tgt Ion: 73 Resp: 427296
Ion Ratio Lower Upper
73 100
43 20.1 16.2 24.2





#25

Chloroform

Concen: 48.460 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

Instrument :

MSVOA_X

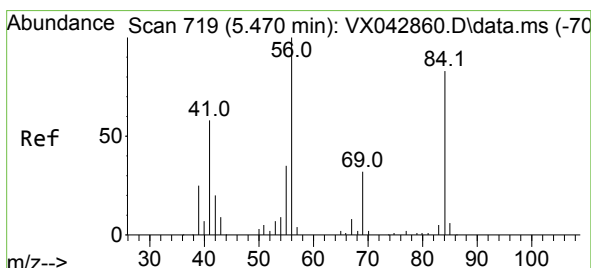
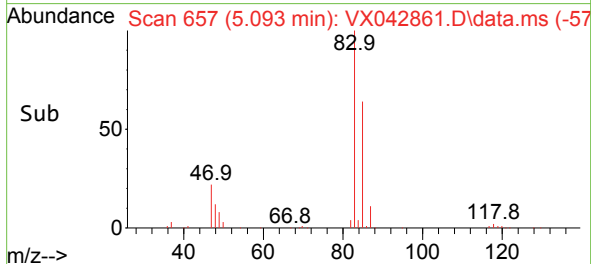
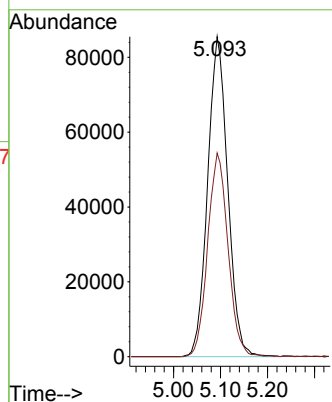
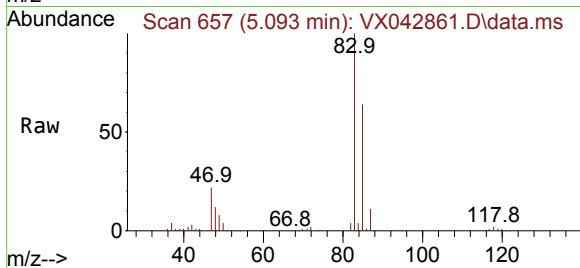
ClientSampleId :

Tgt Ion: 83 Resp: 253723

Ion Ratio Lower Upper

83 100

85 63.7 49.2 73.8



#26

Cyclohexane

Concen: 46.861 ug/l

RT: 5.465 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

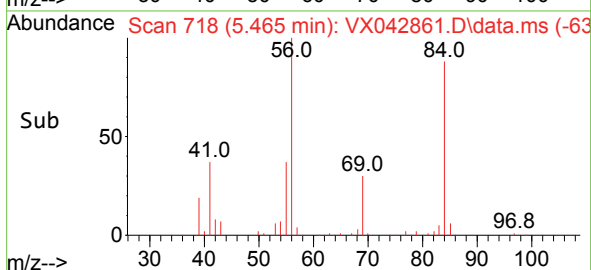
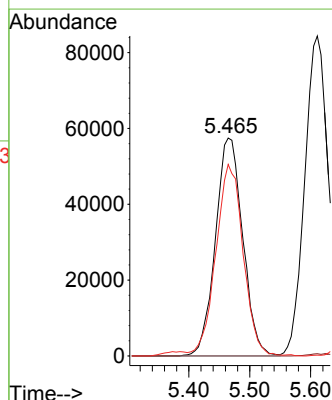
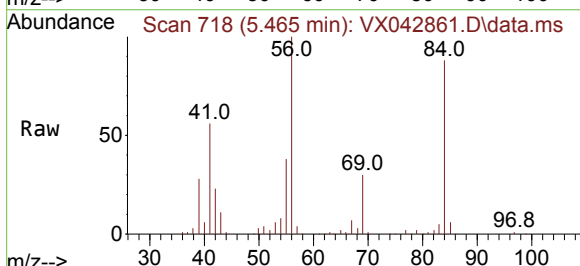
Tgt Ion: 56 Resp: 178898

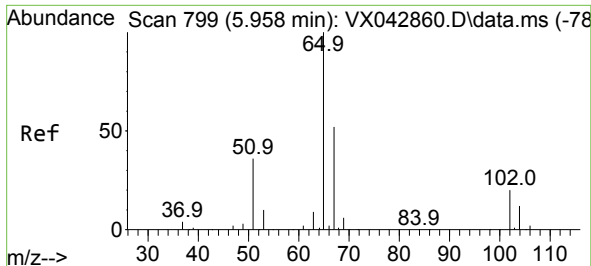
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.9 71.8 107.8





#27

1,2-Dichloroethane-d4

Concen: 29.841 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

Instrument :

MSVOA_X

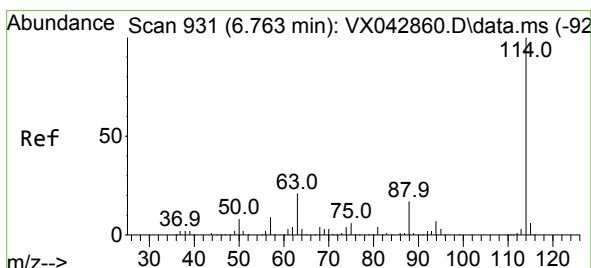
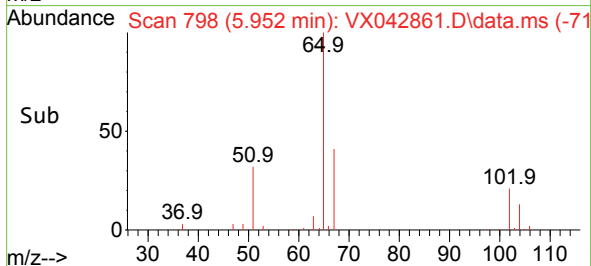
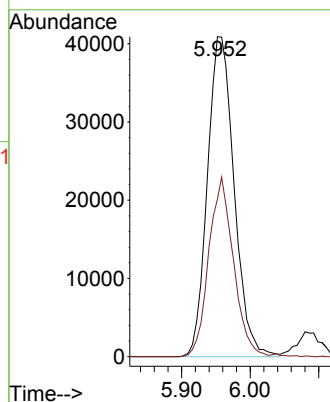
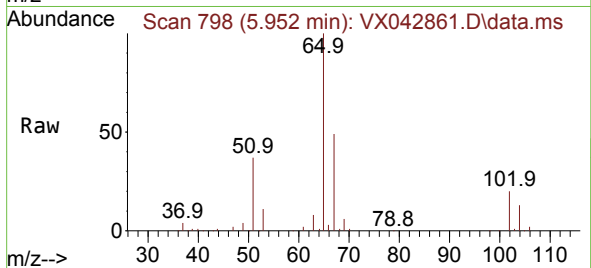
ClientSampleId :

Tgt Ion: 65 Resp: 110832

Ion Ratio Lower Upper

65 100

67 51.7 40.6 60.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.001 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

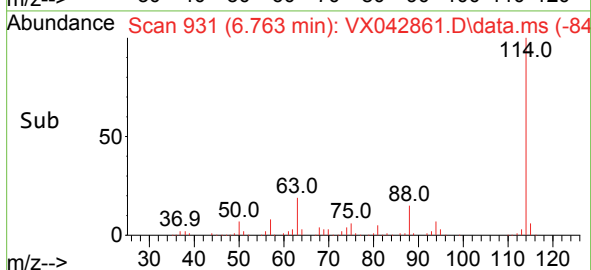
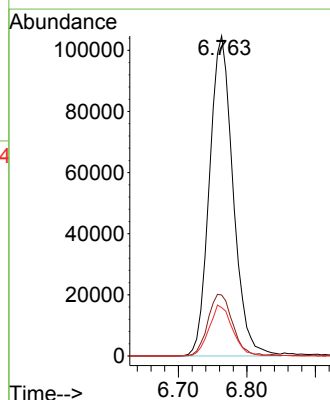
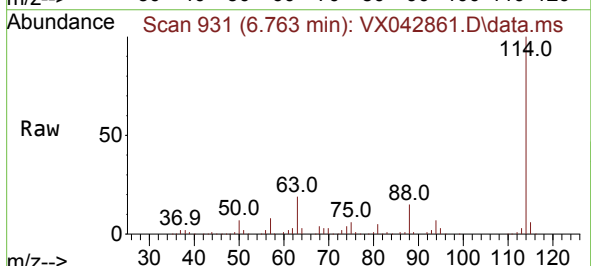
Tgt Ion: 114 Resp: 250915

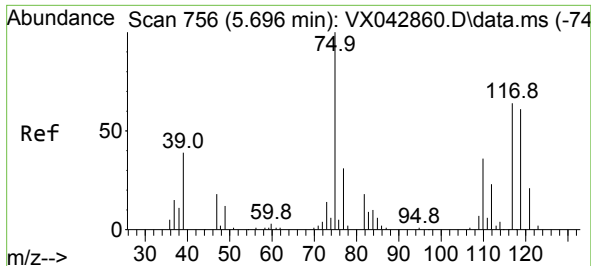
Ion Ratio Lower Upper

114 100

63 19.9 16.0 24.0

88 15.8 12.5 18.7





#29

1,1-Dichloropropene

Concen: 48.380 ug/l

RT: 5.690 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

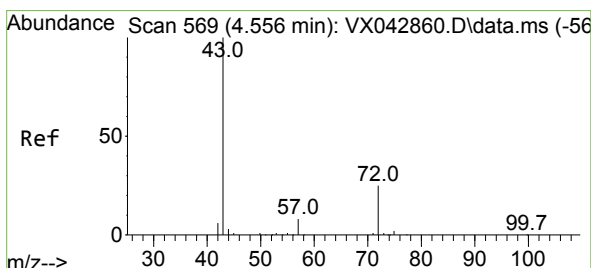
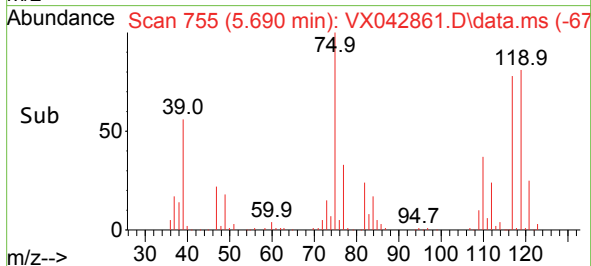
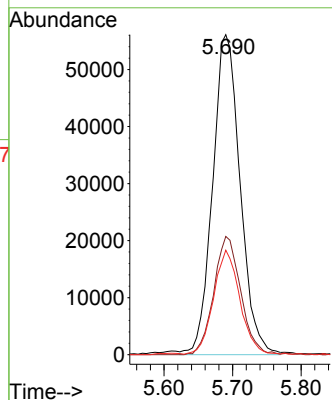
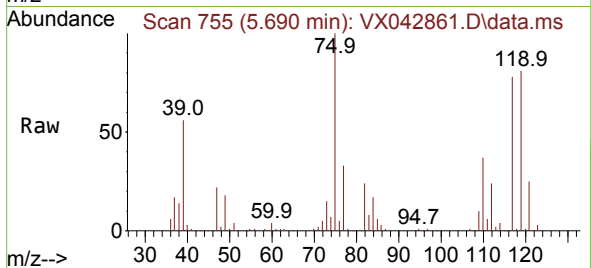
Tgt Ion: 75 Resp: 156438

Ion Ratio Lower Upper

75 100

110 36.0 0.0 72.4

77 31.3 0.0 63.4



#30

2-Butanone

Concen: 234.694 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.007 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

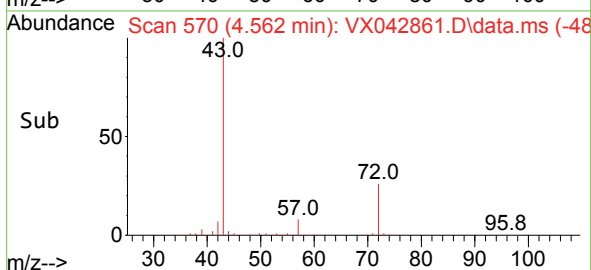
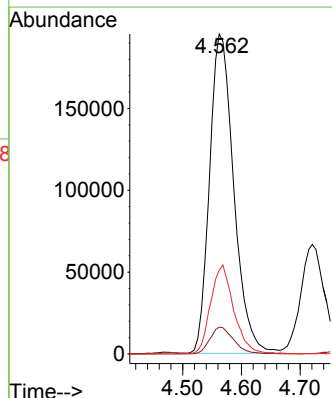
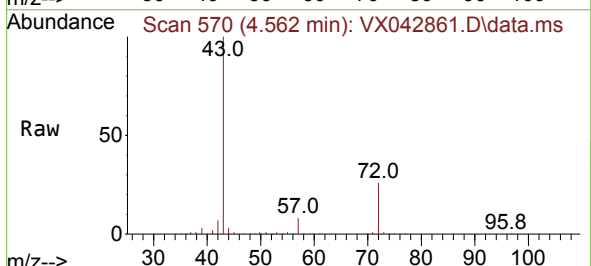
Tgt Ion: 43 Resp: 558857

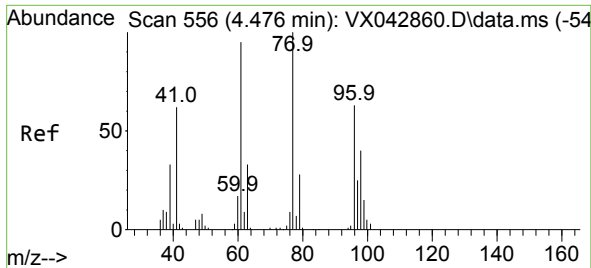
Ion Ratio Lower Upper

43 100

57 8.2 6.6 10.0

72 26.6 21.0 31.4

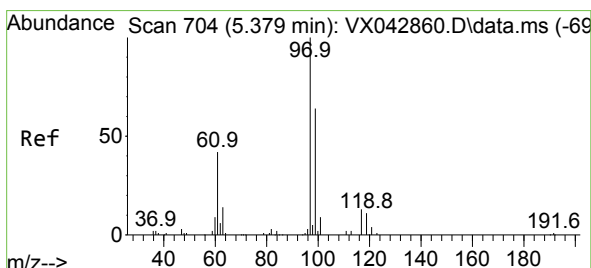
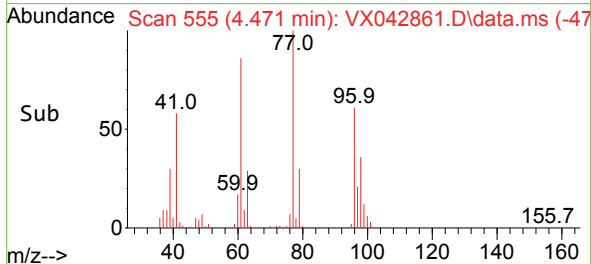
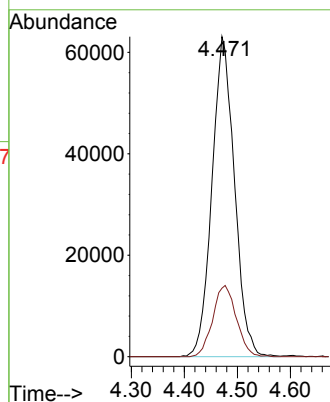
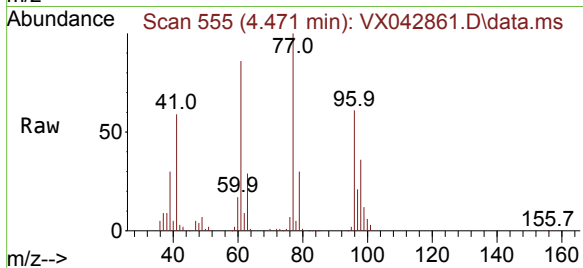




#31
2,2-Dichloropropane
Concen: 49.161 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

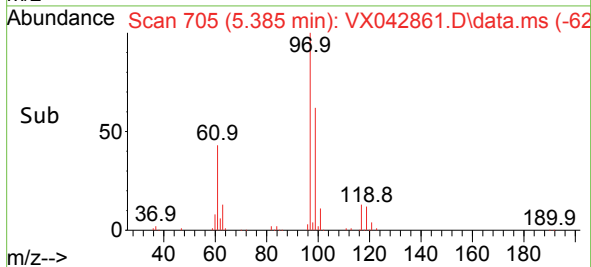
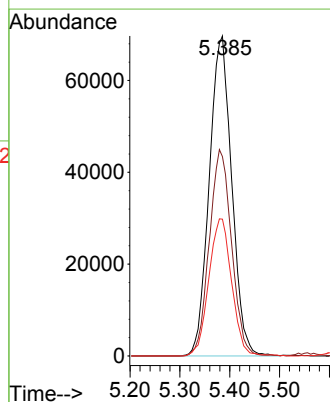
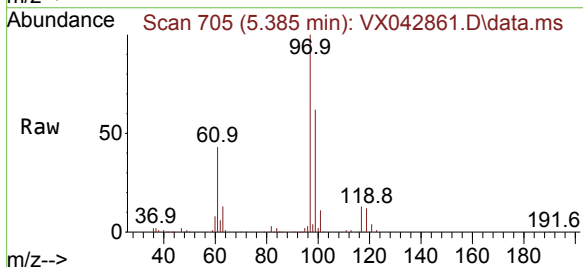
Instrument :
MSVOA_X
ClientSampleId :

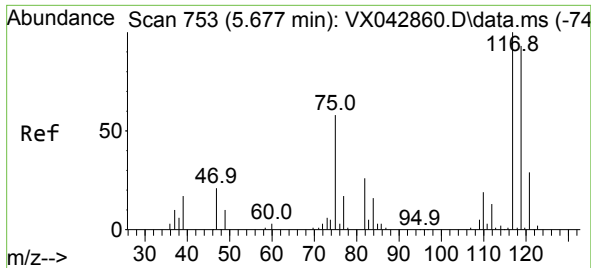
Tgt Ion: 77 Resp: 185747
Ion Ratio Lower Upper
77 100
97 23.3 18.5 27.7



#32
1,1,1-Trichloroethane
Concen: 48.772 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.007 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

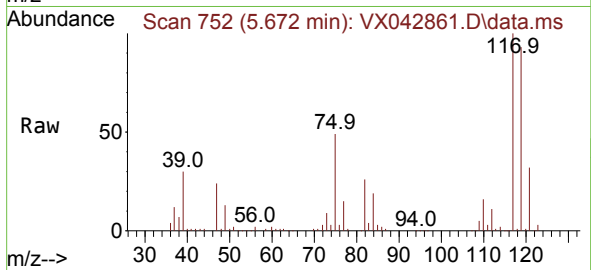
Tgt Ion: 97 Resp: 218371
Ion Ratio Lower Upper
97 100
99 63.8 52.2 78.2
61 43.4 34.3 51.5



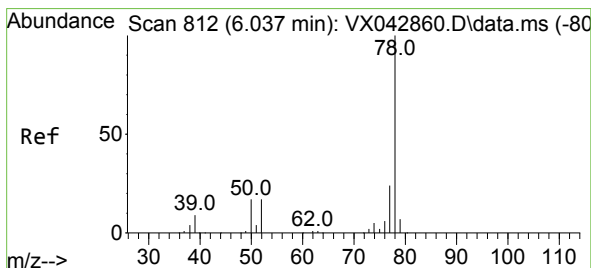
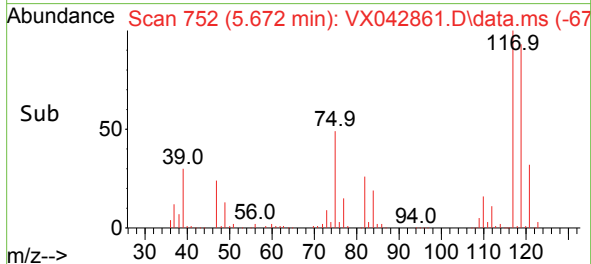
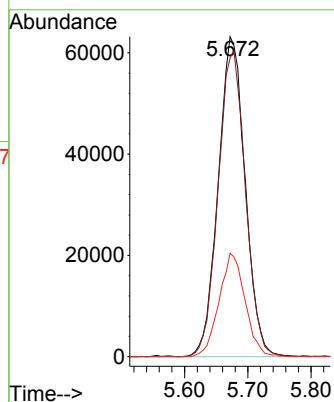


#33
Carbon Tetrachloride
Concen: 48.639 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

Instrument :
MSVOA_X
ClientSampleId :

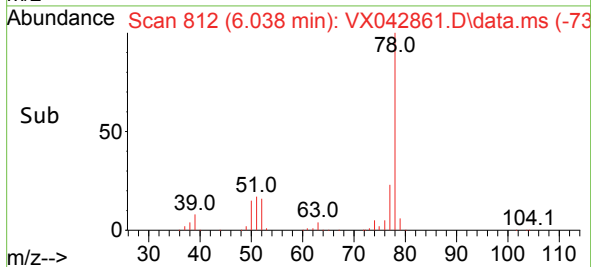
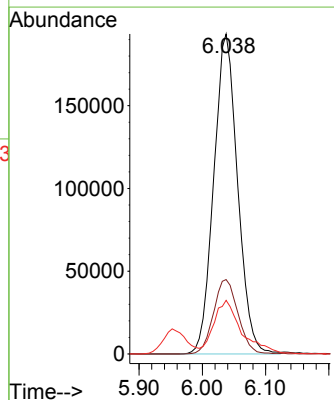
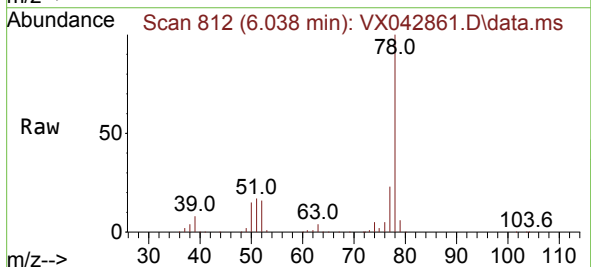


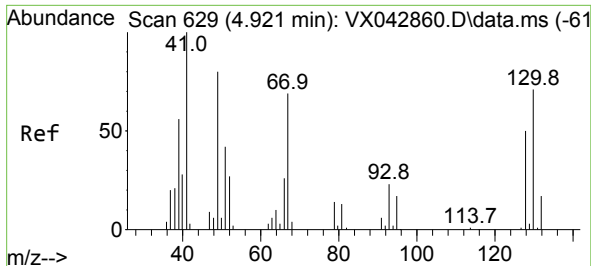
Tgt Ion:117 Resp: 186259
Ion Ratio Lower Upper
117 100
119 93.4 75.7 113.5
121 32.3 23.3 34.9



#34
Benzene
Concen: 48.817 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

Tgt Ion: 78 Resp: 505361
Ion Ratio Lower Upper
78 100
77 23.2 19.4 29.2
51 16.3 13.5 20.3

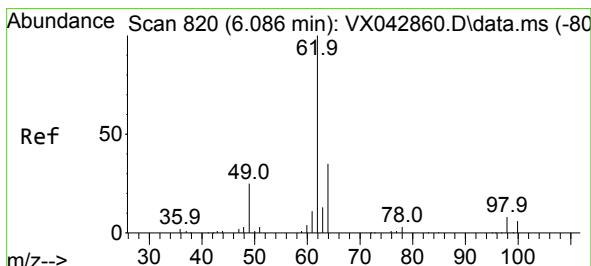
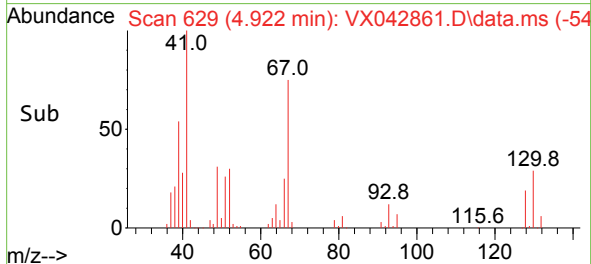
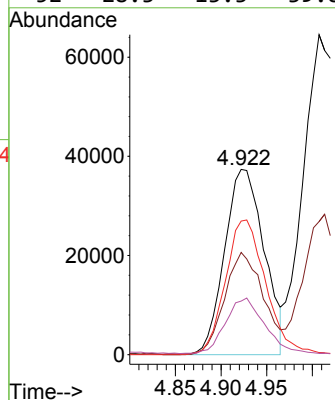
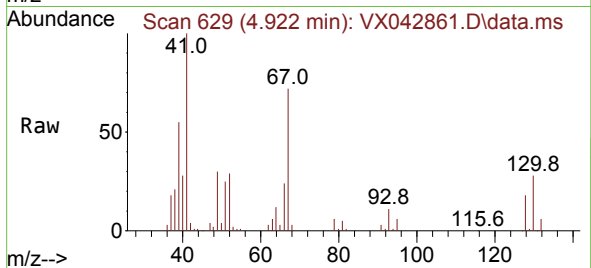




#35
Methacrylonitrile
Concen: 49.677 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

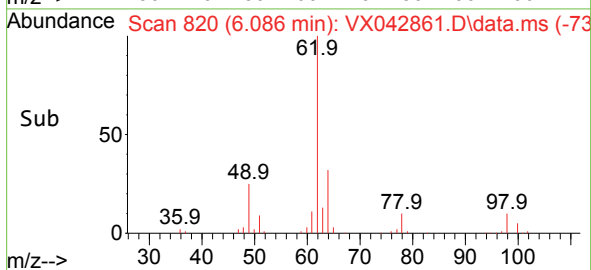
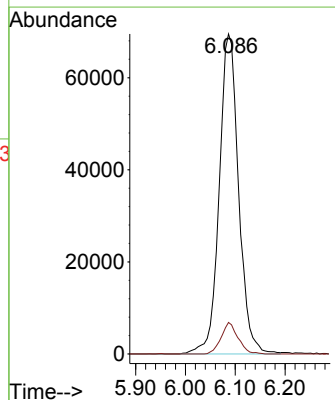
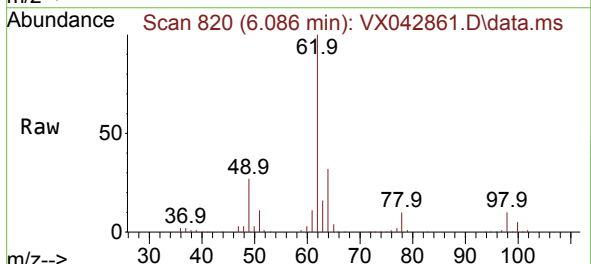
Instrument :
MSVOA_X
ClientSampleId :

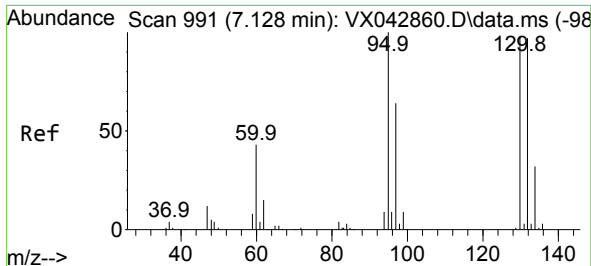
Tgt Ion: 41 Resp: 112583
Ion Ratio Lower Upper
41 100
39 54.8 28.1 84.2
67 72.1 34.4 103.1
52 28.3 13.3 39.8



#36
1,2-Dichloroethane
Concen: 49.149 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

Tgt Ion: 62 Resp: 187776
Ion Ratio Lower Upper
62 100
98 8.6 6.8 10.2





#37

Trichloroethene

Concen: 48.076 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

Instrument :

MSVOA_X

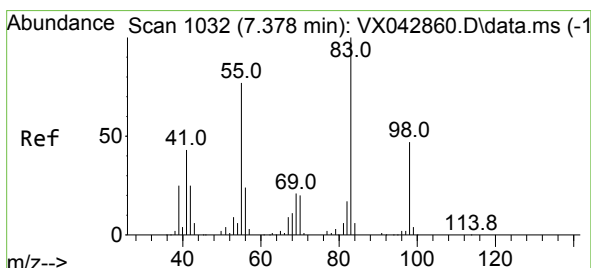
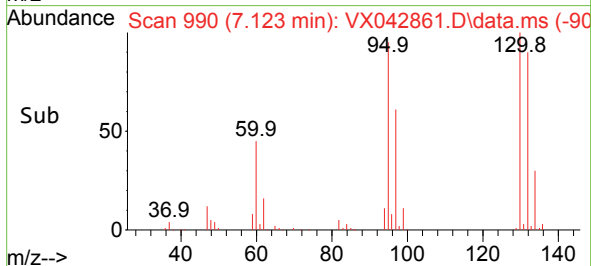
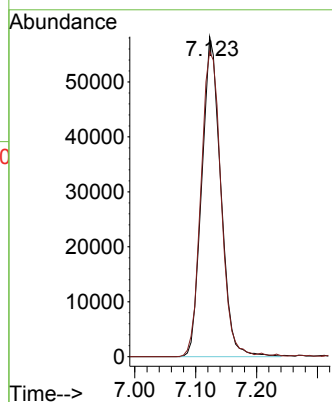
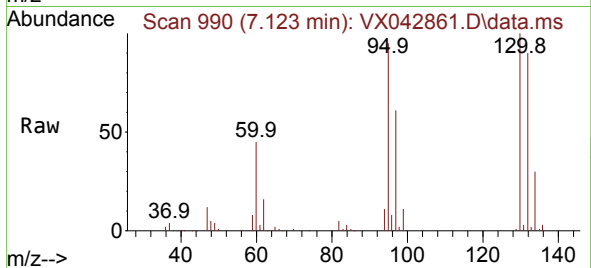
ClientSampleId :

Tgt Ion:130 Resp: 125997

Ion Ratio Lower Upper

130 100

95 95.3 81.4 122.2



#38

Methylcyclohexane

Concen: 47.023 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

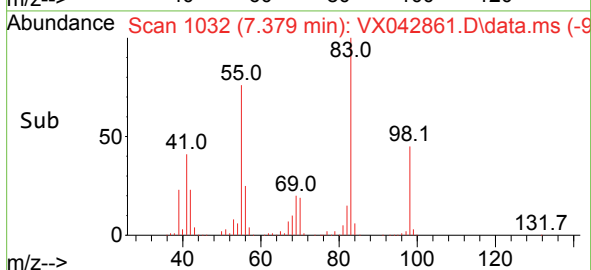
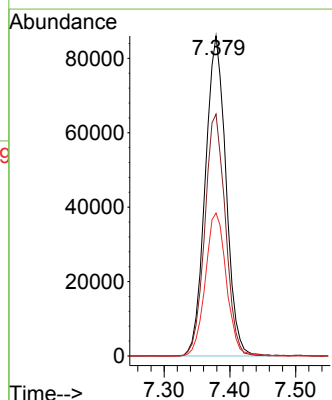
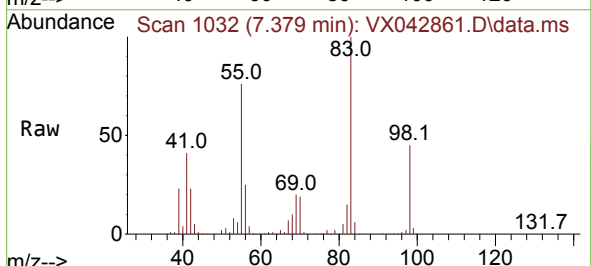
Tgt Ion: 83 Resp: 188437

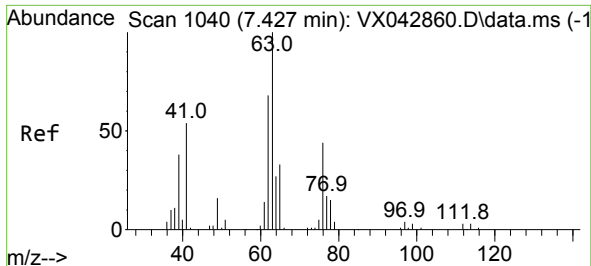
Ion Ratio Lower Upper

83 100

55 74.6 38.0 113.9

98 45.5 23.4 70.2





#39

1,2-Dichloropropane

Concen: 48.849 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

Instrument :

MSVOA_X

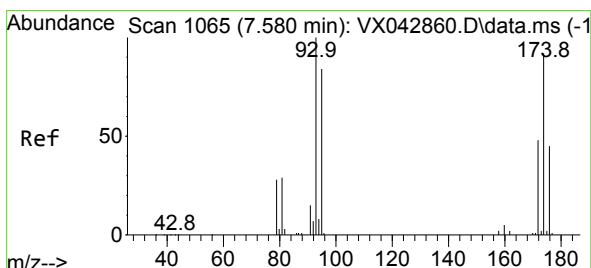
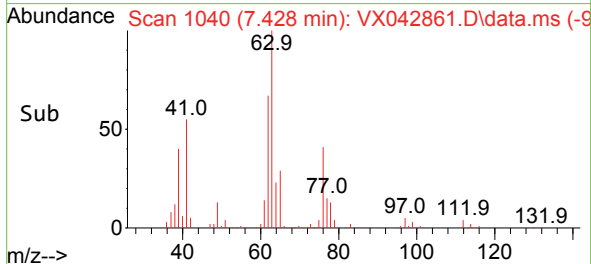
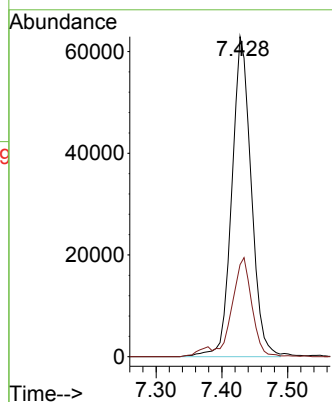
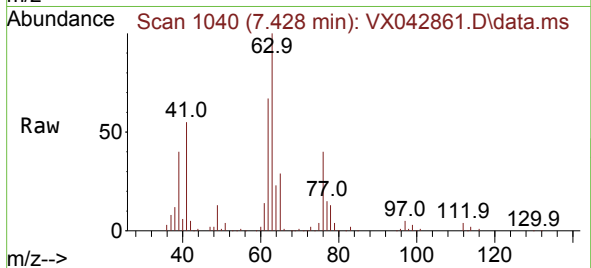
ClientSampleId :

Tgt Ion: 63 Resp: 128914

Ion Ratio Lower Upper

63 100

65 28.7 26.6 39.8



#40

Dibromomethane

Concen: 48.889 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.001 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

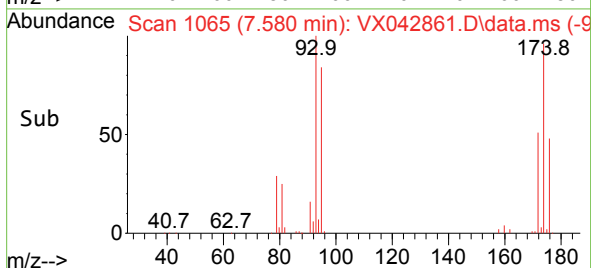
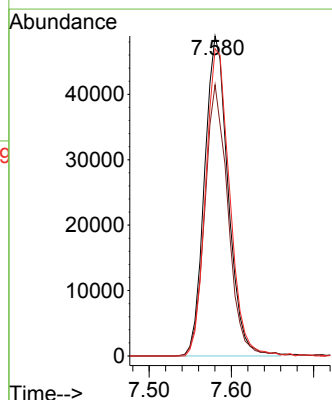
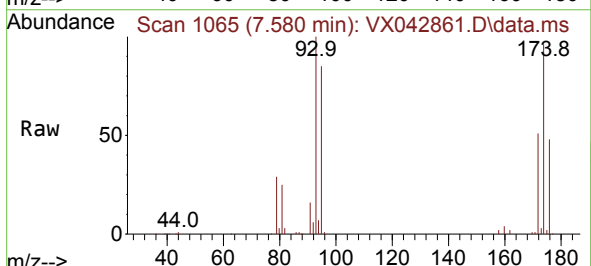
Tgt Ion: 93 Resp: 97416

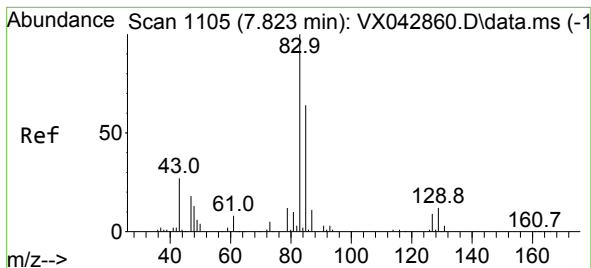
Ion Ratio Lower Upper

93 100

95 83.2 0.0 161.8

174 97.7 0.0 194.0





#41

Bromodichloromethane

Concen: 48.420 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.001 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

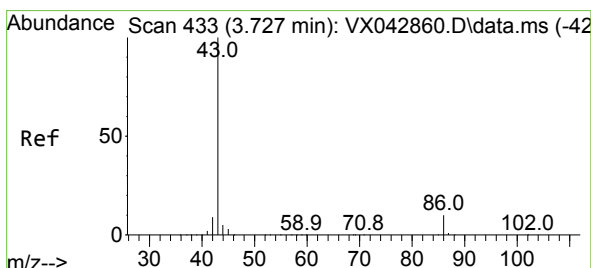
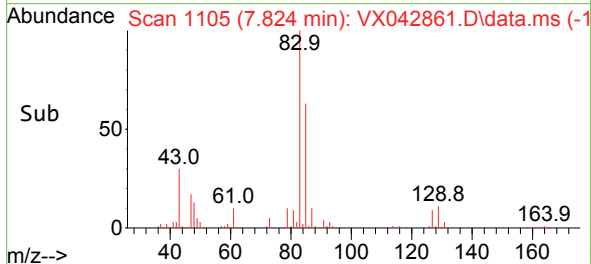
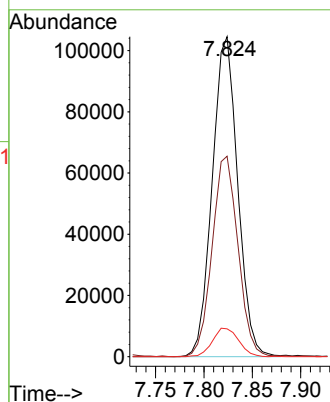
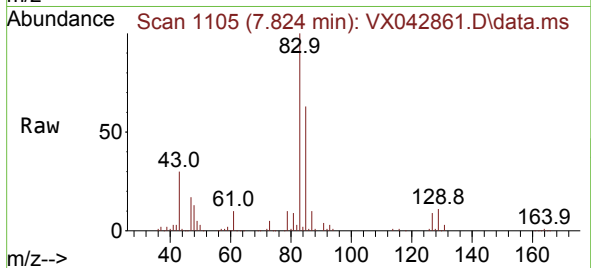
Tgt Ion: 83 Resp: 191323

Ion Ratio Lower Upper

83 100

85 62.5 50.8 76.2

127 8.7 6.9 10.3



#42

Vinyl Acetate

Concen: 246.376 ug/l

RT: 3.721 min Scan# 432

Delta R.T. -0.006 min

Lab File: VX042861.D

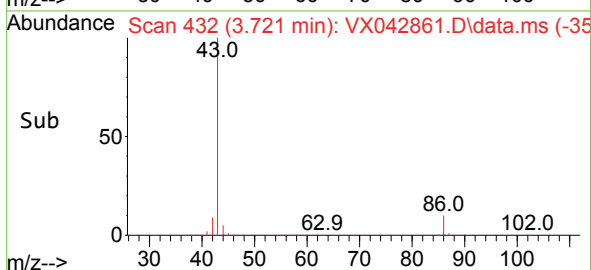
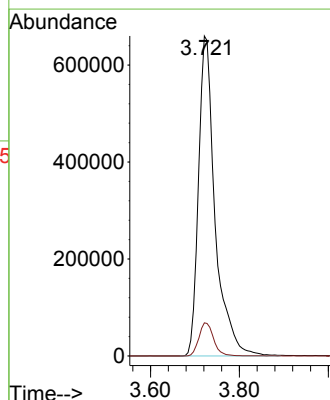
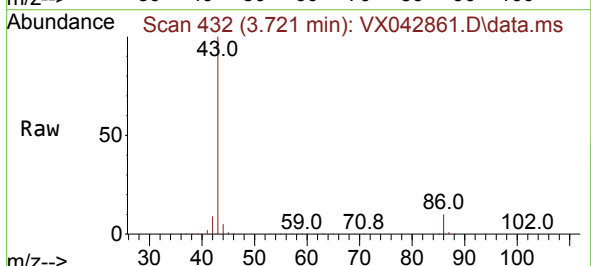
Acq: 06 Aug 2024 10:54

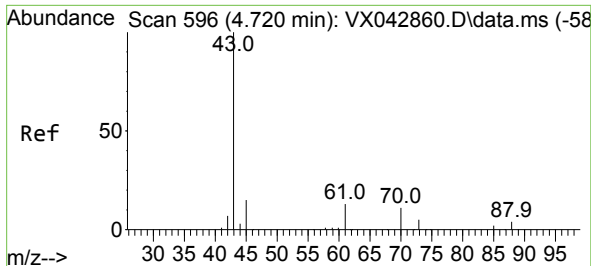
Tgt Ion: 43 Resp: 1715846

Ion Ratio Lower Upper

43 100

86 9.2 7.2 10.8

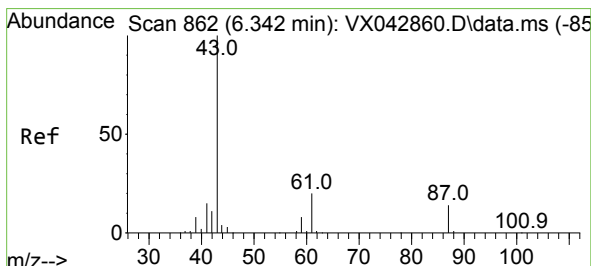
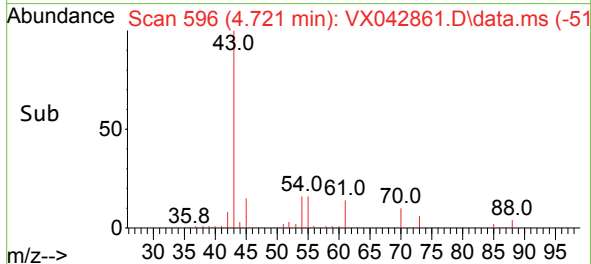
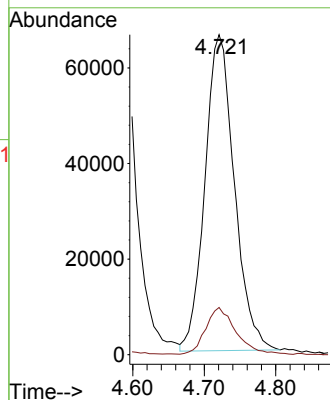
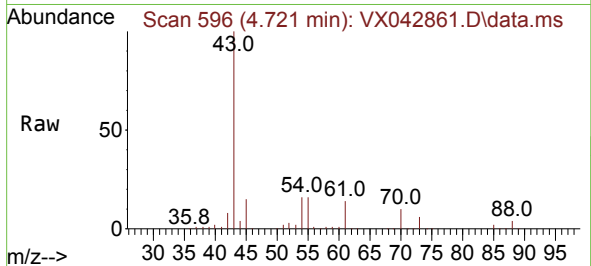




#43
Ethyl Acetate
Concen: 46.740 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

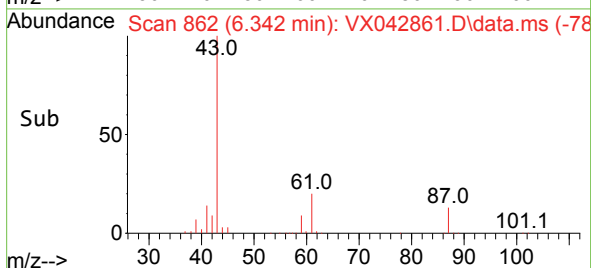
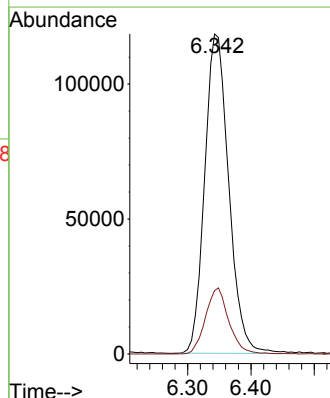
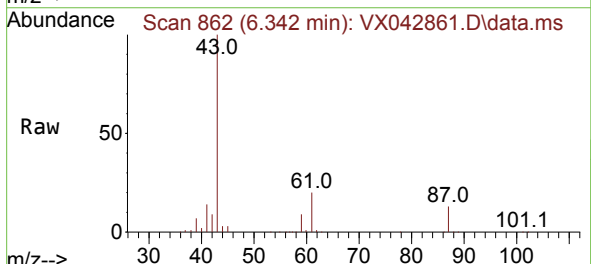
Instrument :
MSVOA_X
ClientSampleId :

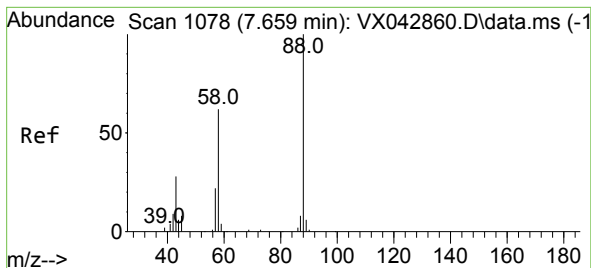
Tgt Ion: 43 Resp: 189325
Ion Ratio Lower Upper
43 100
45 15.5 12.5 18.7



#44
Isopropyl Acetate
Concen: 48.614 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

Tgt Ion: 43 Resp: 312538
Ion Ratio Lower Upper
43 100
61 20.0 15.4 23.0





#45

1,4-Dioxane

Concen: 849.107 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.007 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

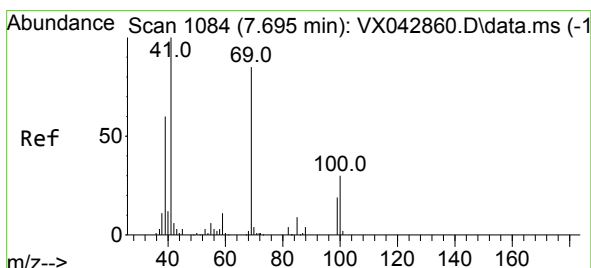
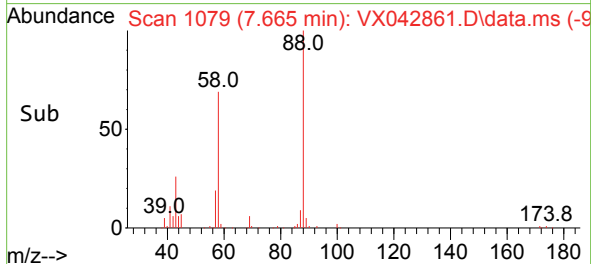
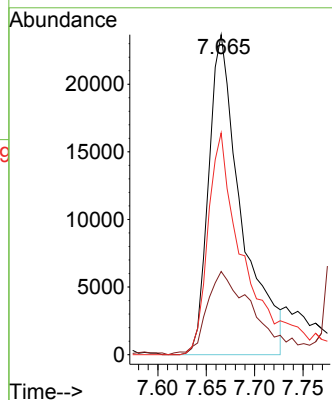
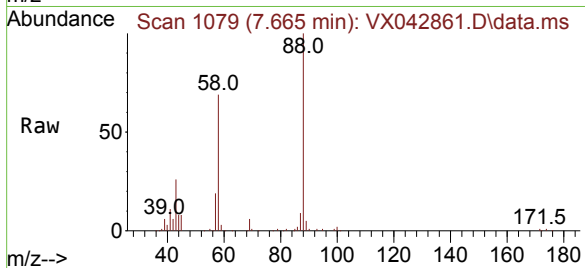
Tgt Ion: 88 Resp: 55563

Ion Ratio Lower Upper

88 100

43 21.5 25.8 38.6#

58 69.4 55.5 83.3



#46

Methyl methacrylate

Concen: 49.612 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.001 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

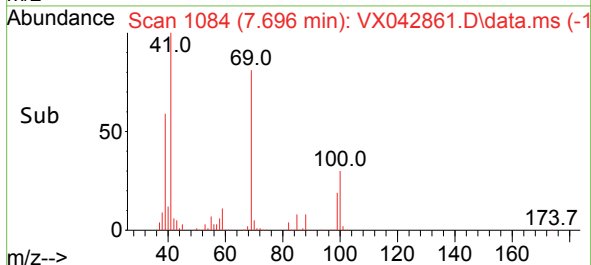
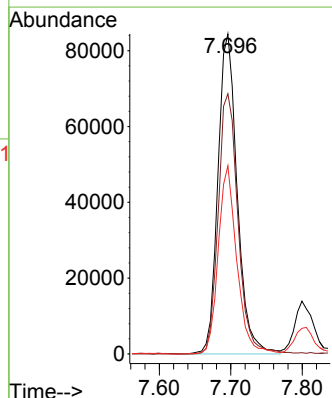
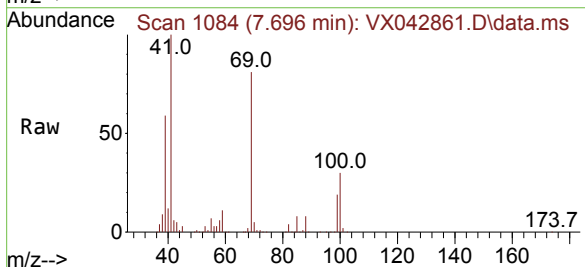
Tgt Ion: 41 Resp: 158503

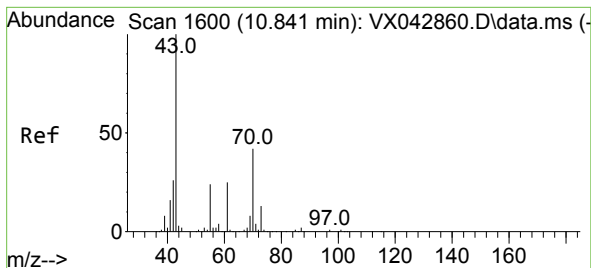
Ion Ratio Lower Upper

41 100

69 81.3 42.4 127.1

39 58.8 29.9 89.7





#47

n-amy1 Acetate

Concen: 48.254 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

Instrument :

MSVOA_X

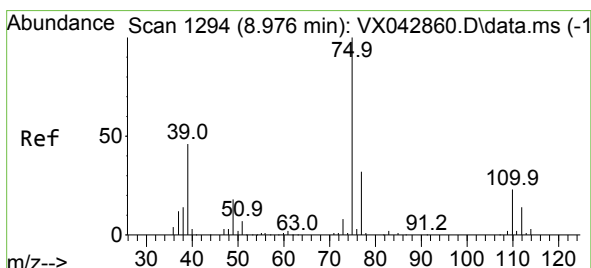
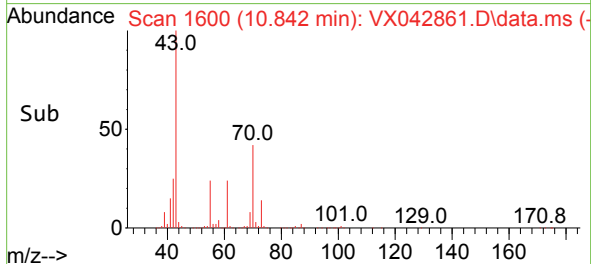
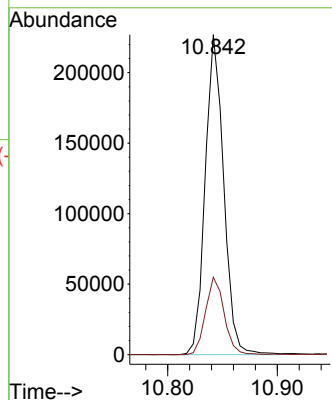
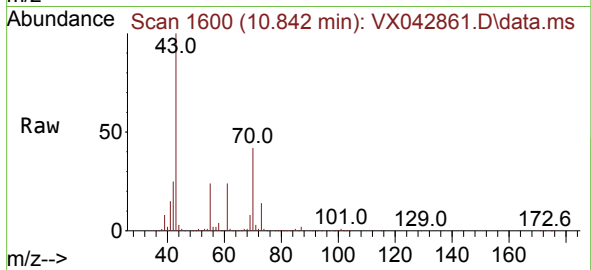
ClientSampleId :

Tgt Ion: 43 Resp: 265375

Ion Ratio Lower Upper

43 100

55 24.3 19.6 29.4



#48

t-1,3-Dichloropropene

Concen: 47.859 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.001 min

Lab File: VX042861.D

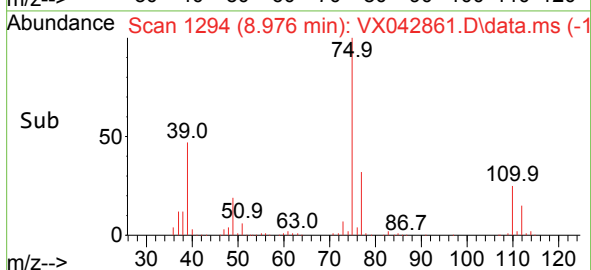
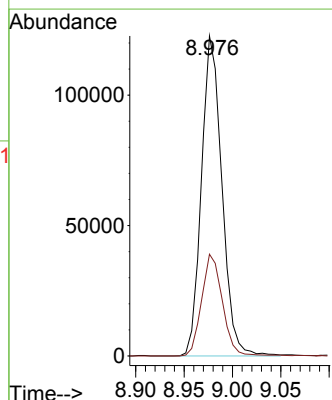
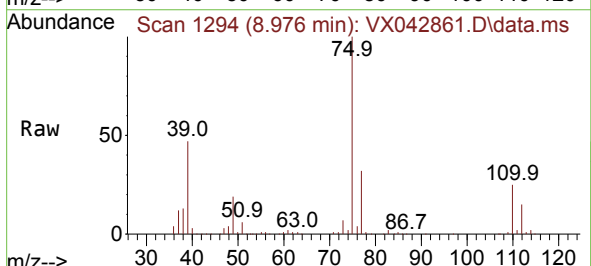
Acq: 06 Aug 2024 10:54

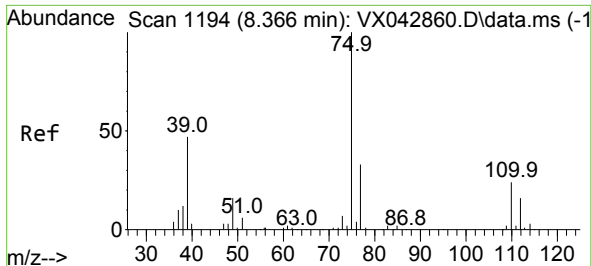
Tgt Ion: 75 Resp: 181284

Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 48.850 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.001 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

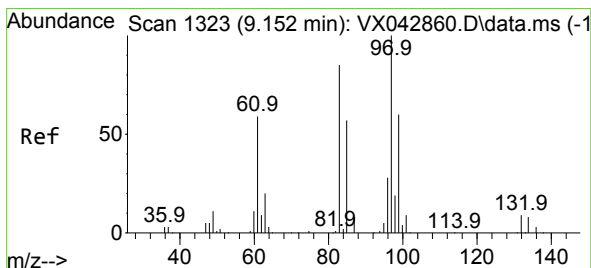
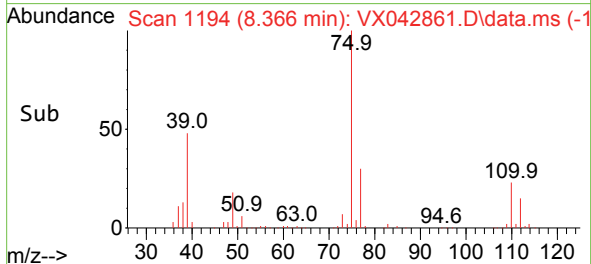
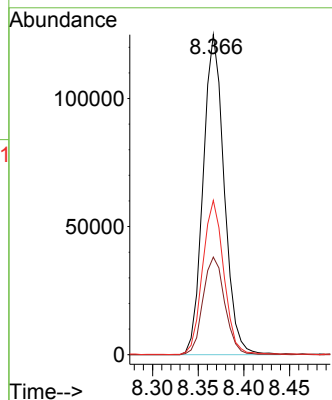
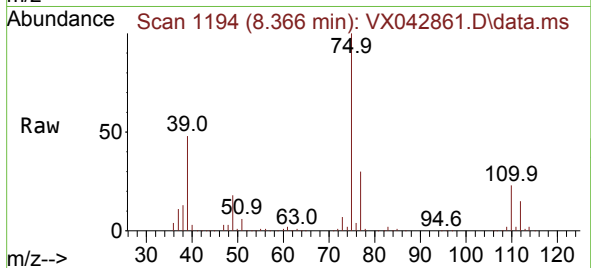
Tgt Ion: 75 Resp: 200391

Ion Ratio Lower Upper

75 100

77 30.5 26.8 40.2

39 48.1 37.5 56.3



#50

1,1,2-Trichloroethane

Concen: 48.593 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.001 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

Tgt Ion: 97 Resp: 132061

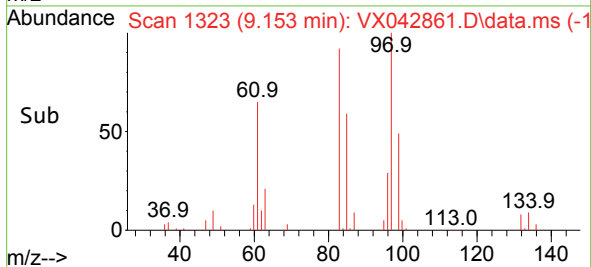
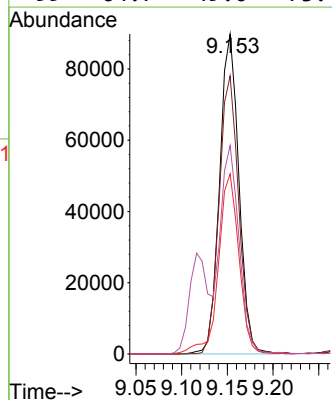
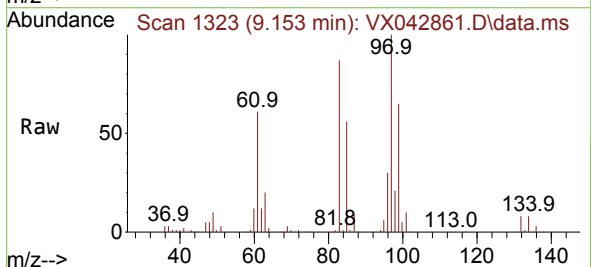
Ion Ratio Lower Upper

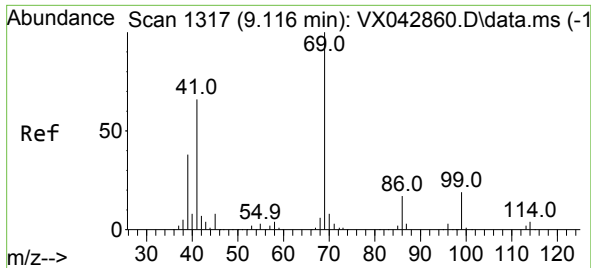
97 100

83 86.9 68.2 102.2

85 56.1 45.4 68.0

99 64.7 49.0 73.4

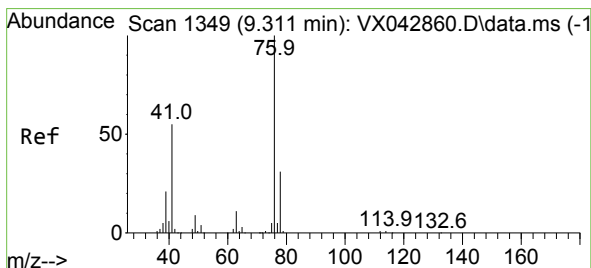
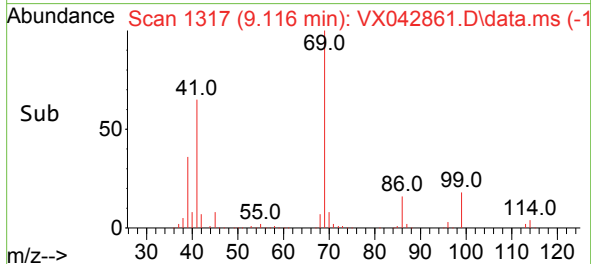
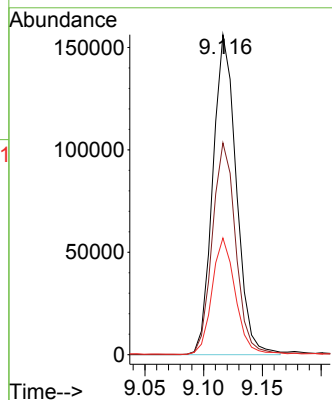
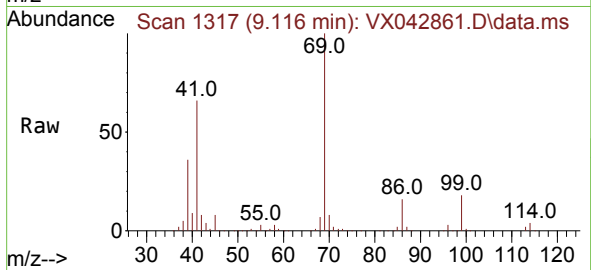




#51
Ethyl methacrylate
Concen: 48.919 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

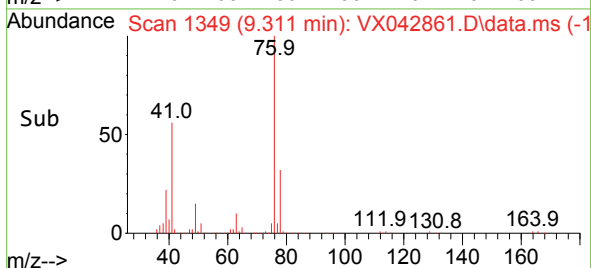
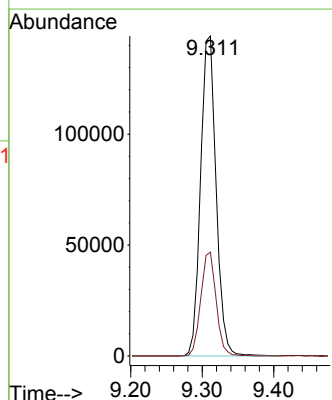
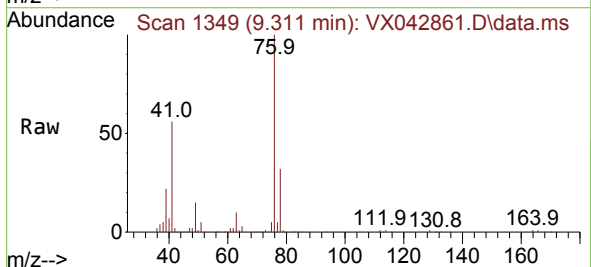
Instrument :
MSVOA_X
ClientSampleId :

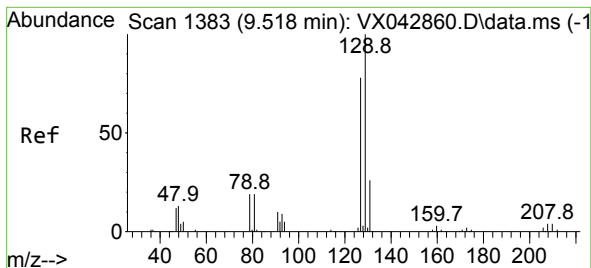
Tgt Ion: 69 Resp: 217533
Ion Ratio Lower Upper
69 100
41 66.1 33.1 99.2
39 36.3 18.8 56.3



#52
1,3-Dichloropropane
Concen: 48.790 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

Tgt Ion: 76 Resp: 217596
Ion Ratio Lower Upper
76 100
78 31.9 0.0 64.8





#53

Dibromochloromethane

Concen: 48.718 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.001 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

Instrument :

MSVOA_X

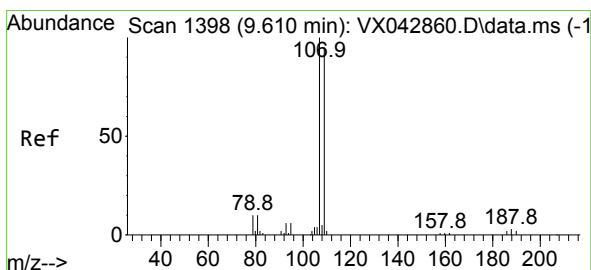
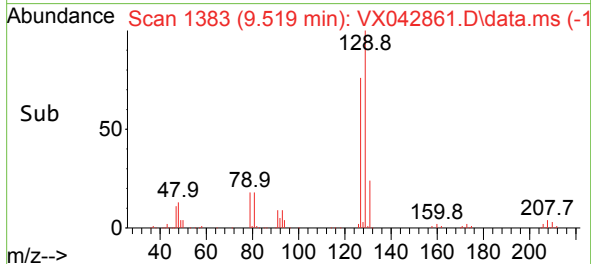
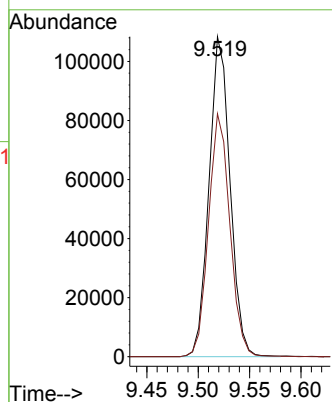
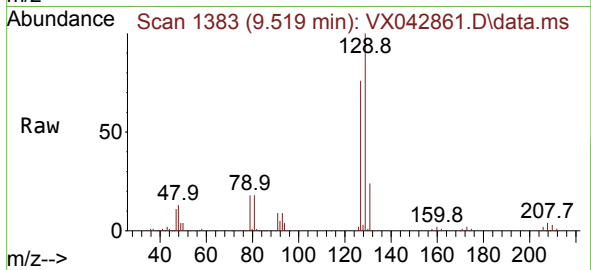
ClientSampleId :

Tgt Ion:129 Resp: 154083

Ion Ratio Lower Upper

129 100

127 77.2 38.5 115.3



#54

1,2-Dibromoethane

Concen: 48.833 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.001 min

Lab File: VX042861.D

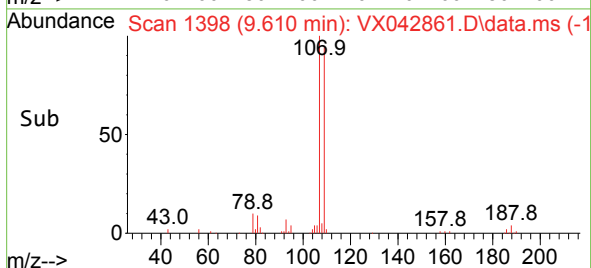
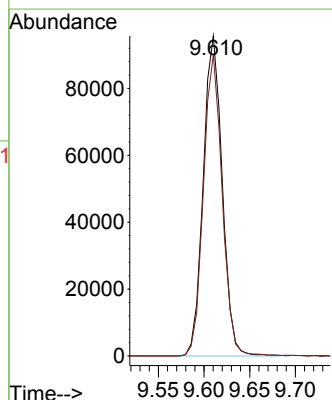
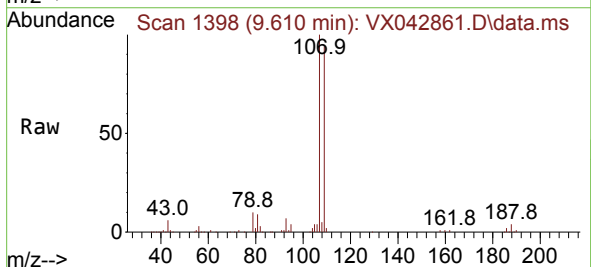
Acq: 06 Aug 2024 10:54

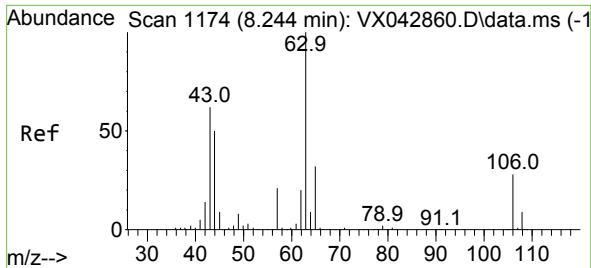
Tgt Ion:107 Resp: 138021

Ion Ratio Lower Upper

107 100

109 92.9 74.2 111.4

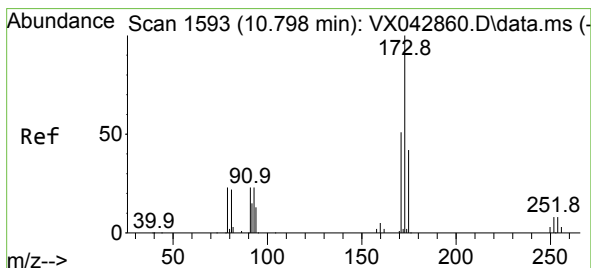
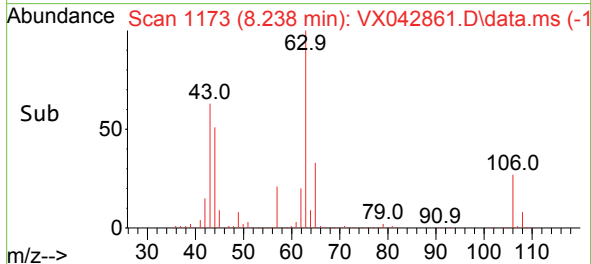
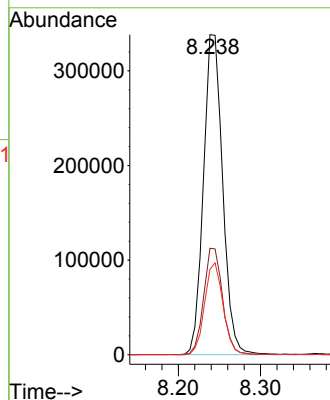
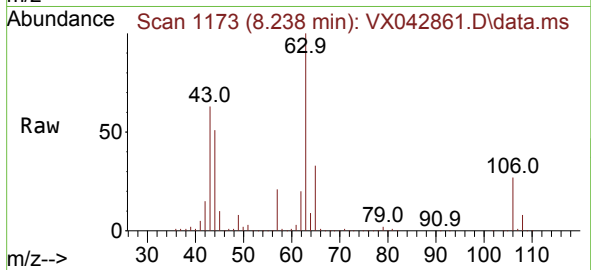




#55
2-Chloroethyl vinyl ether
Concen: 267.874 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

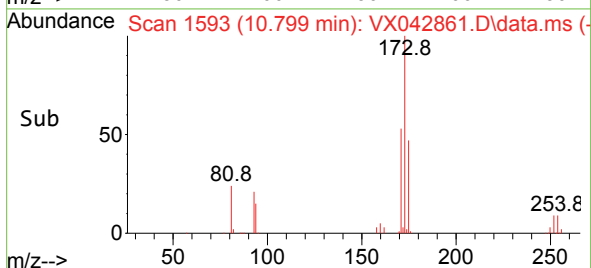
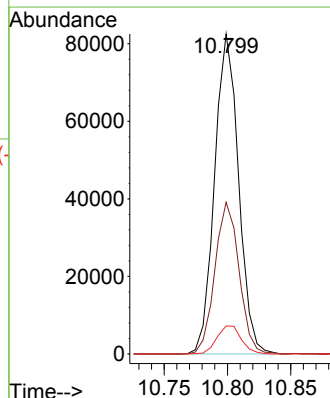
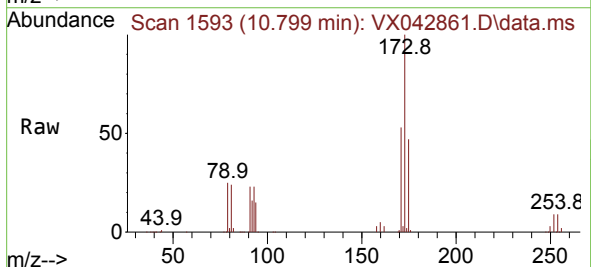
Instrument :
MSVOA_X
ClientSampleId :

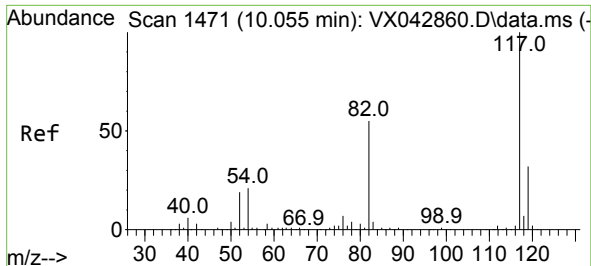
Tgt Ion: 63 Resp: 550087
Ion Ratio Lower Upper
63 100
65 32.5 26.3 39.5
106 27.6 21.8 32.6



#56
Bromoform
Concen: 47.826 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

Tgt Ion:173 Resp: 108428
Ion Ratio Lower Upper
173 100
175 47.8 37.1 55.7
254 9.0 6.6 10.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

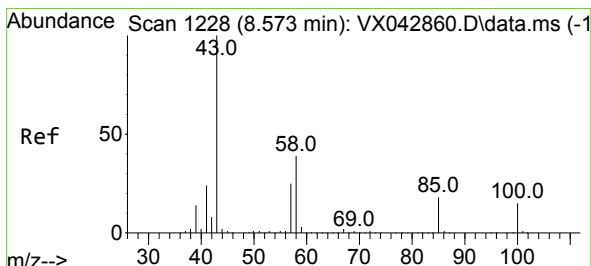
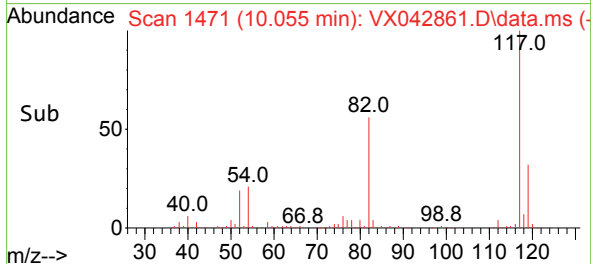
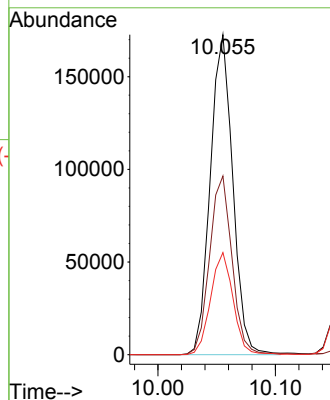
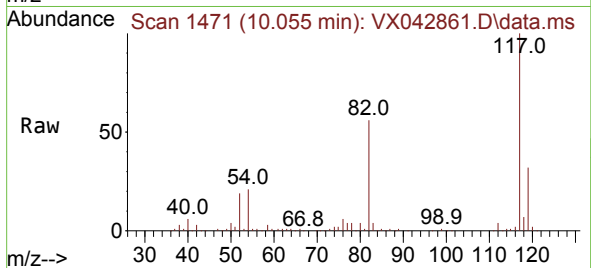
Tgt Ion:117 Resp: 230178

Ion Ratio Lower Upper

117 100

82 56.0 44.9 67.3

119 31.8 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 247.389 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.001 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

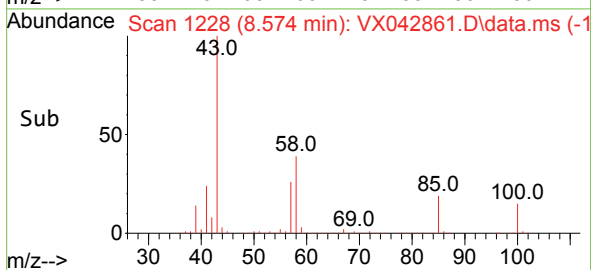
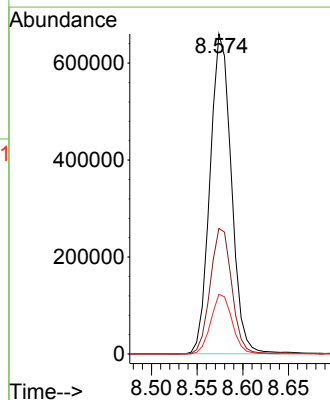
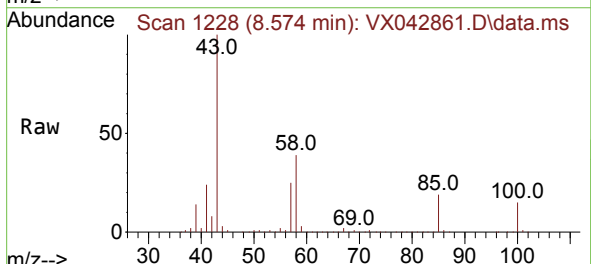
Tgt Ion: 43 Resp: 1072342

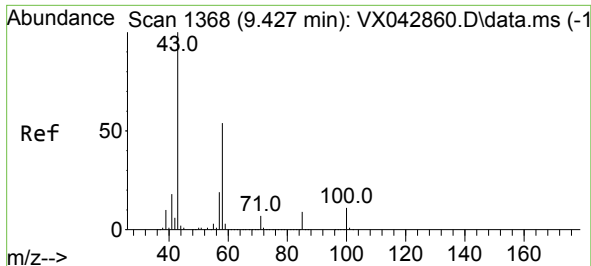
Ion Ratio Lower Upper

43 100

58 39.6 31.4 47.0

85 18.6 14.6 21.8

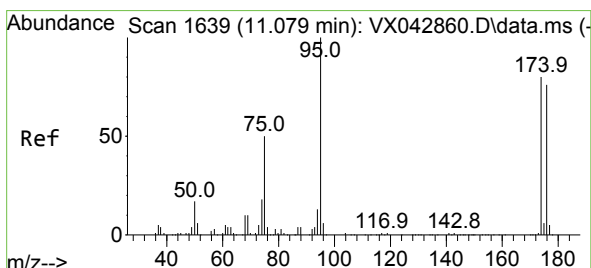
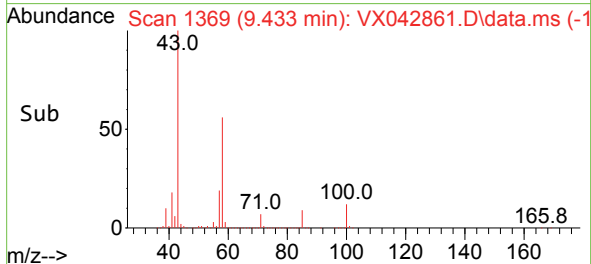
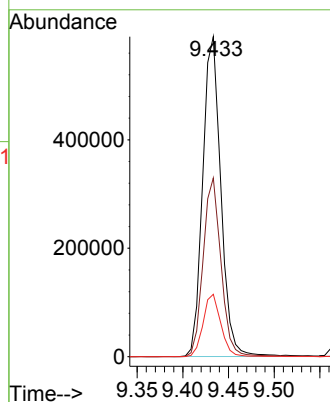
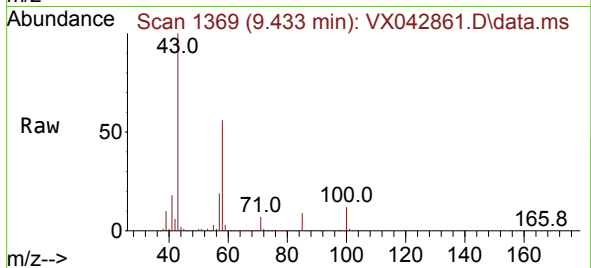




#59
2-Hexanone
Concen: 238.699 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.007 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

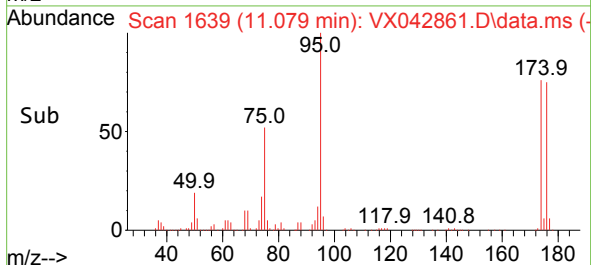
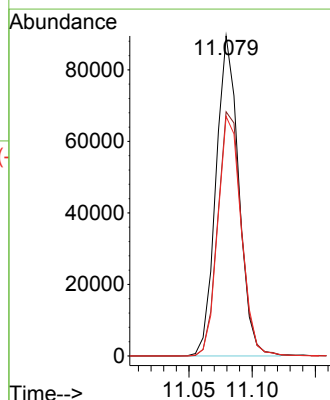
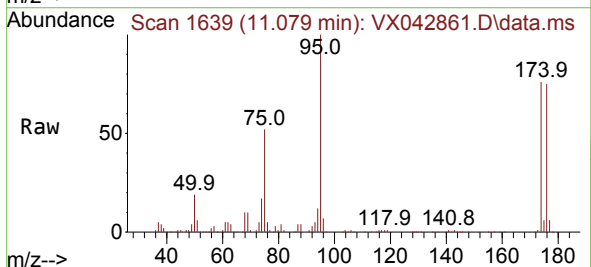
Instrument :
MSVOA_X
ClientSampleId :

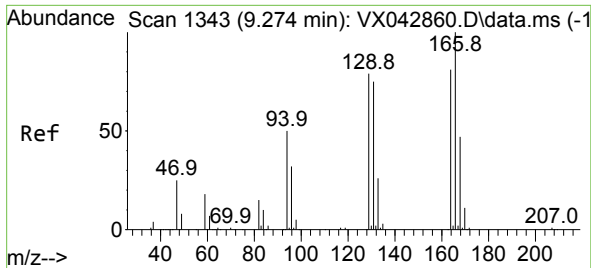
Tgt Ion: 43 Resp: 817808
Ion Ratio Lower Upper
43 100
58 54.8 43.5 65.3
57 19.1 15.0 22.6



#60
4-Bromofluorobenzene
Concen: 29.753 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

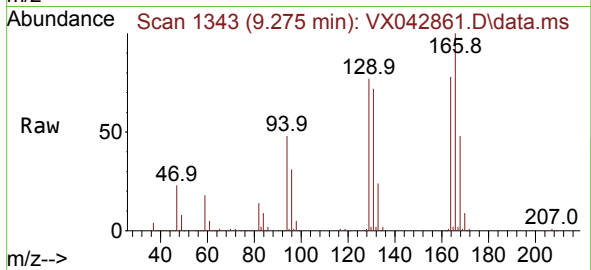
Tgt Ion: 95 Resp: 111729
Ion Ratio Lower Upper
95 100
174 79.2 65.0 97.6
176 77.2 63.4 95.0



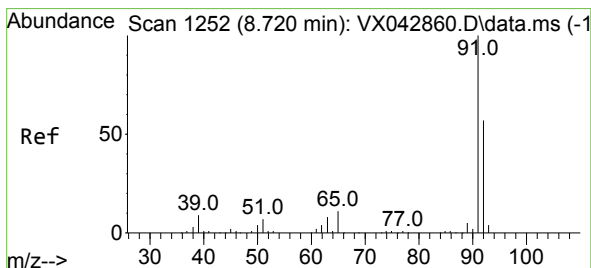
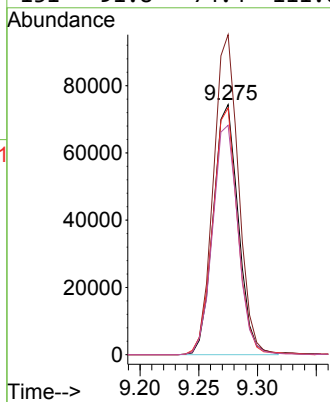
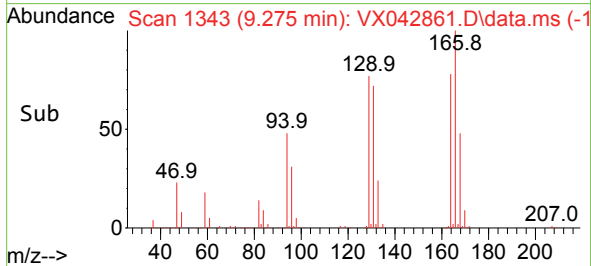


#61
Tetrachloroethene
Concen: 48.243 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

Instrument :
MSVOA_X
ClientSampleId :

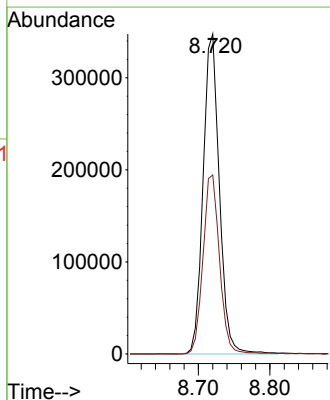
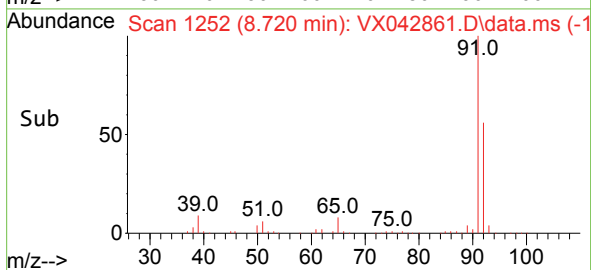
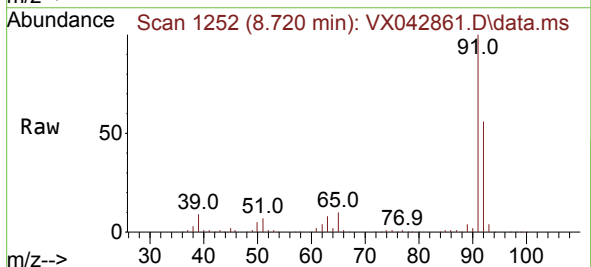


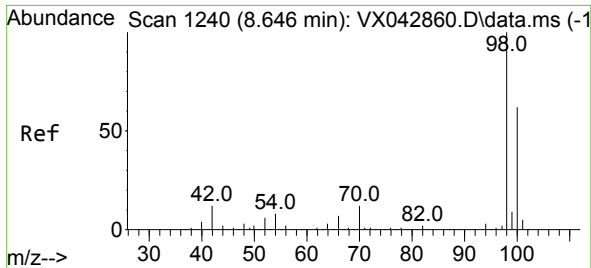
Tgt Ion:164 Resp: 110247
Ion Ratio Lower Upper
164 100
166 127.9 98.6 147.8
129 98.6 77.4 116.0
131 91.8 74.4 111.6



#62
Toluene
Concen: 48.664 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

Tgt Ion: 91 Resp: 548627
Ion Ratio Lower Upper
91 100
92 56.9 45.7 68.5

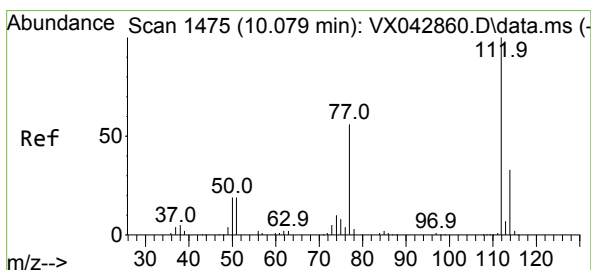
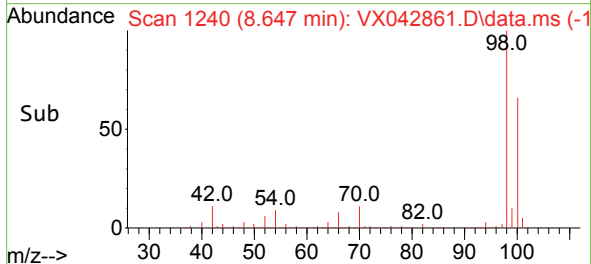
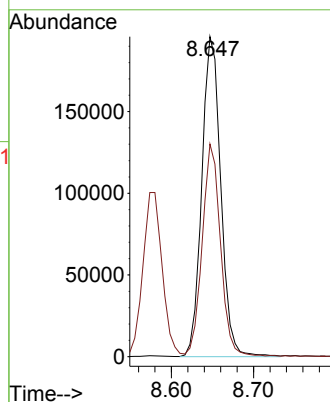
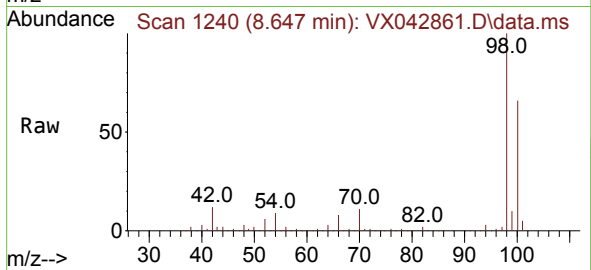




#63
Toluene-d8
Concen: 30.268 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

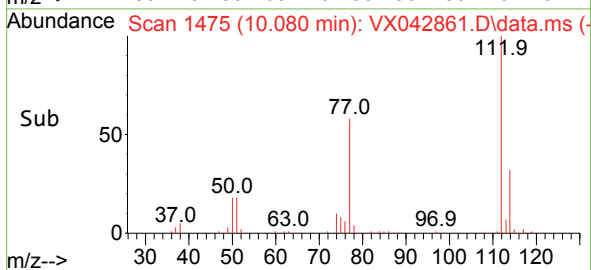
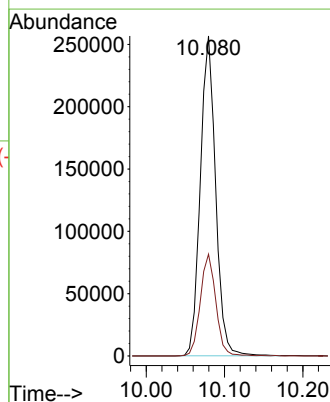
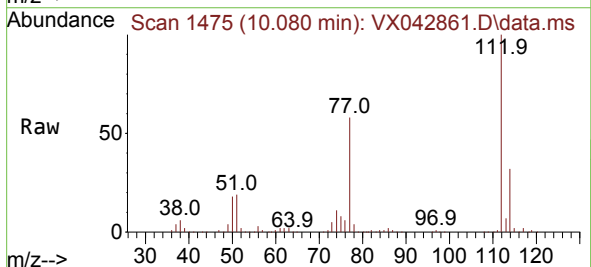
Instrument :
MSVOA_X
ClientSampleId :

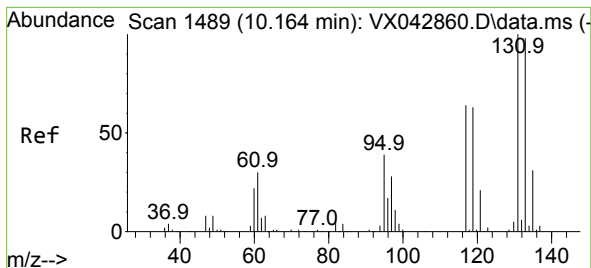
Tgt Ion: 98 Resp: 314704
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#64
Chlorobenzene
Concen: 48.343 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

Tgt Ion: 112 Resp: 348819
Ion Ratio Lower Upper
112 100
114 31.8 26.3 39.5

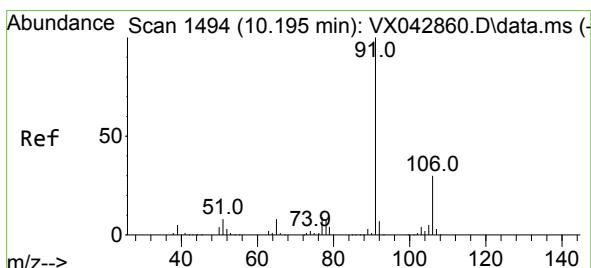
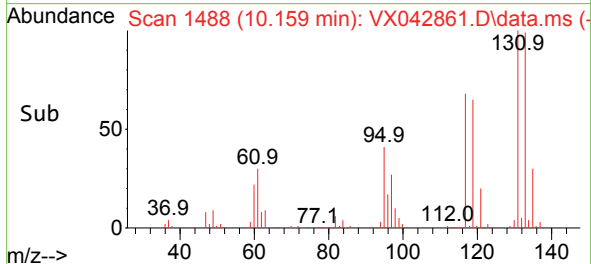
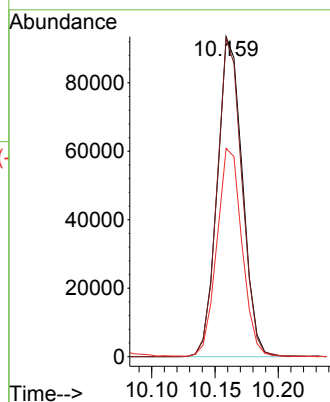
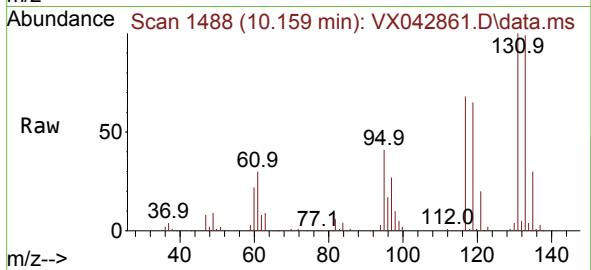




#65
1,1,1,2-Tetrachloroethane
Concen: 49.144 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

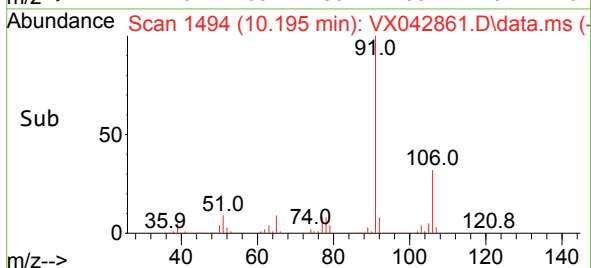
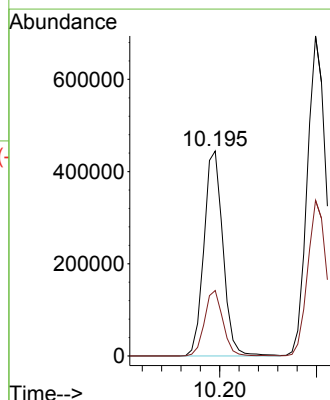
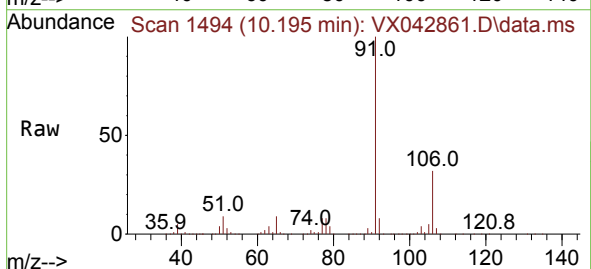
Instrument :
MSVOA_X
ClientSampleId :

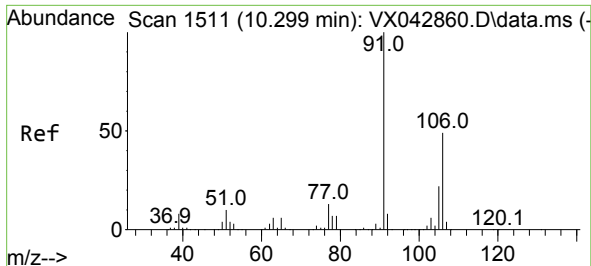
Tgt Ion:131 Resp: 128727
Ion Ratio Lower Upper
131 100
133 98.2 0.0 188.2
119 65.4 0.0 131.0



#66
Ethyl Benzene
Concen: 48.511 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

Tgt Ion: 91 Resp: 607865
Ion Ratio Lower Upper
91 100
106 32.0 23.8 35.8

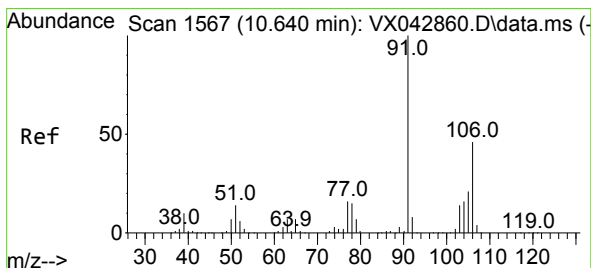
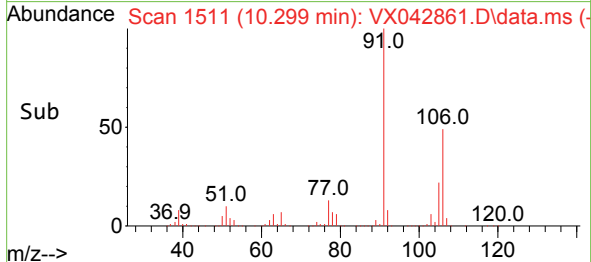
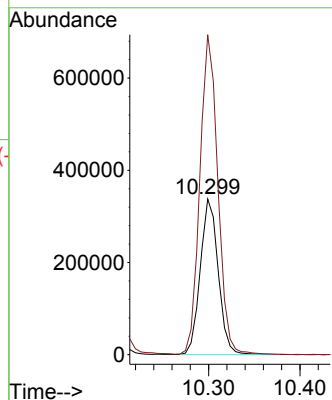
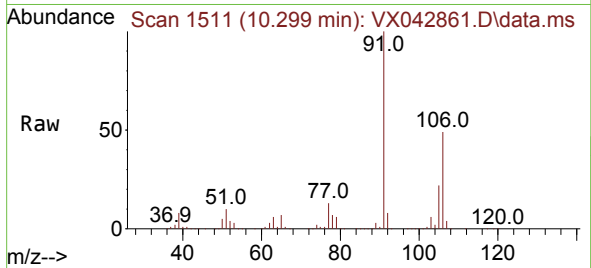




#67
m/p-Xylenes
Concen: 97.167 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

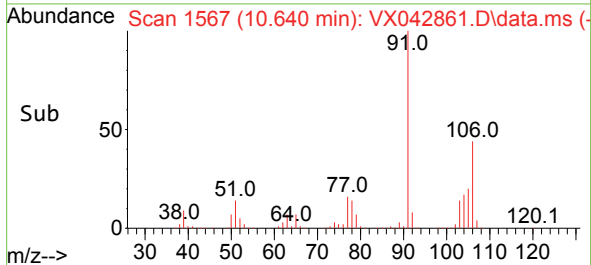
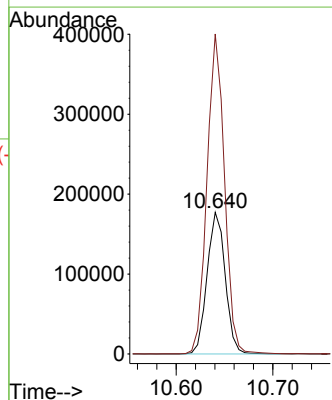
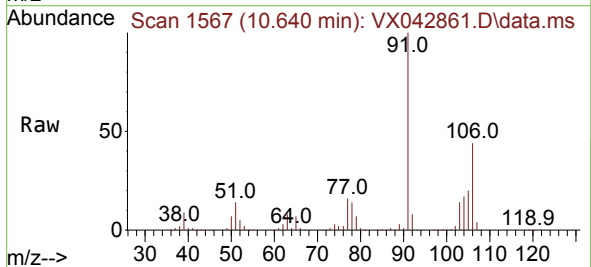
Instrument :
MSVOA_X
ClientSampleId :

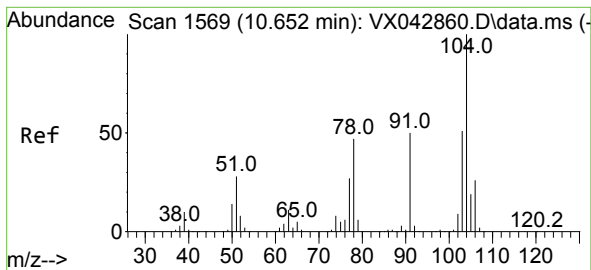
Tgt Ion:106 Resp: 460332
Ion Ratio Lower Upper
106 100
91 206.0 165.3 247.9



#68
o-Xylene
Concen: 49.461 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

Tgt Ion:106 Resp: 230991
Ion Ratio Lower Upper
106 100
91 217.9 107.5 322.4





#69

Styrene

Concen: 49.152 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.001 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

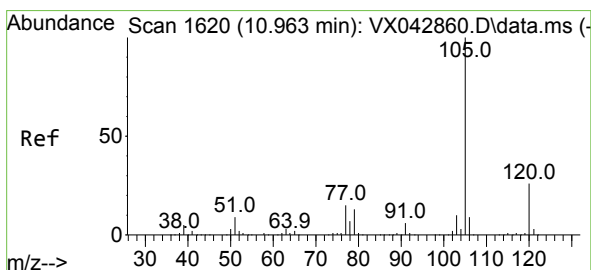
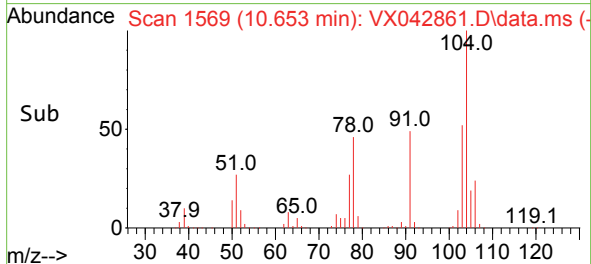
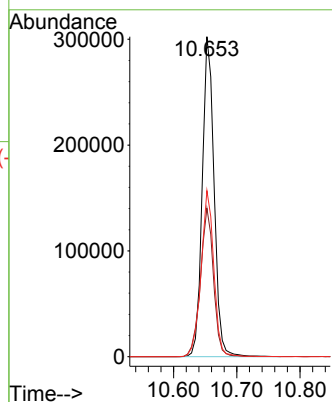
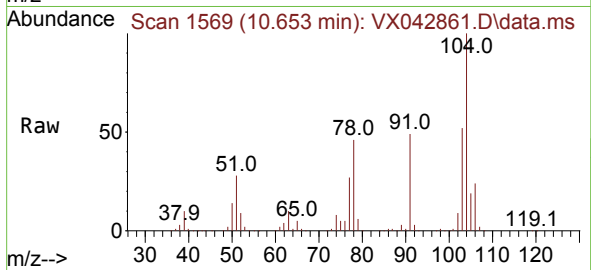
Tgt Ion:104 Resp: 395272

Ion Ratio Lower Upper

104 100

78 51.1 41.1 61.7

103 55.9 44.2 66.2



#70

Isopropylbenzene

Concen: 48.826 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX042861.D

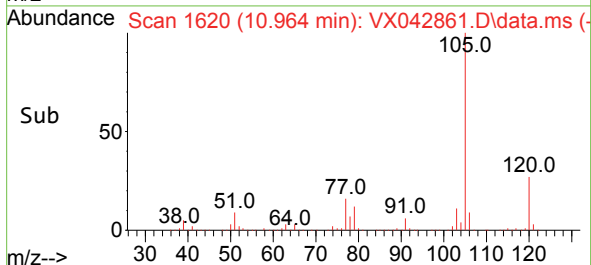
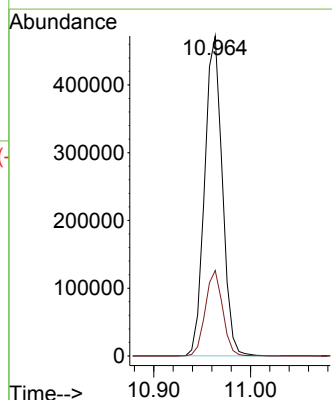
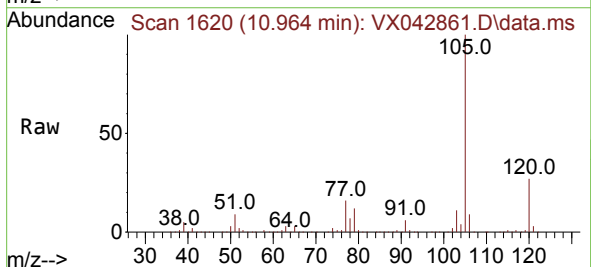
Acq: 06 Aug 2024 10:54

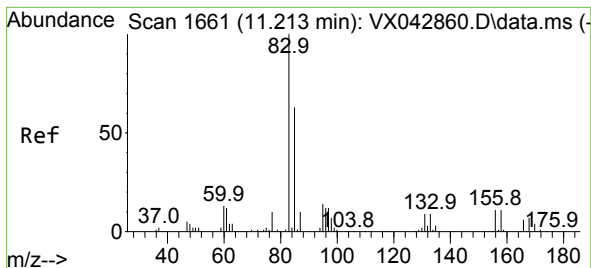
Tgt Ion:105 Resp: 600140

Ion Ratio Lower Upper

105 100

120 26.3 18.4 34.2

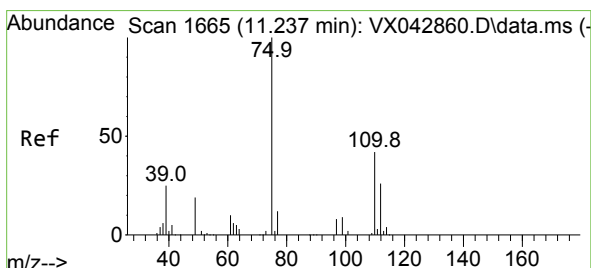
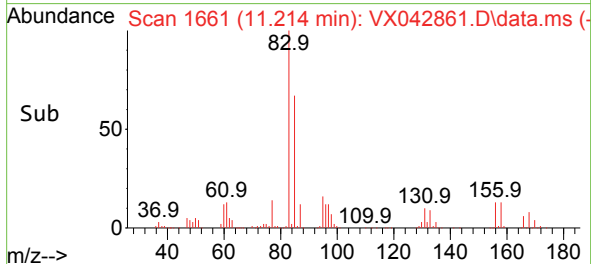
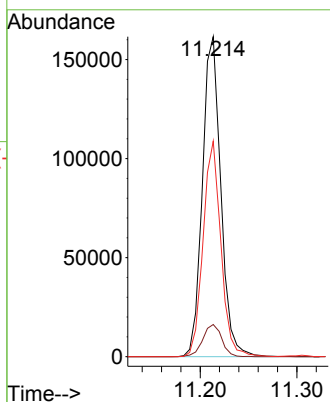
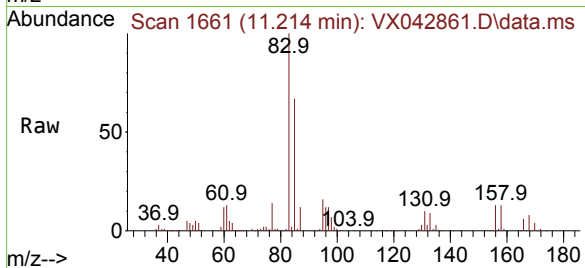




#71
1,1,2,2-Tetrachloroethane
Concen: 48.349 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

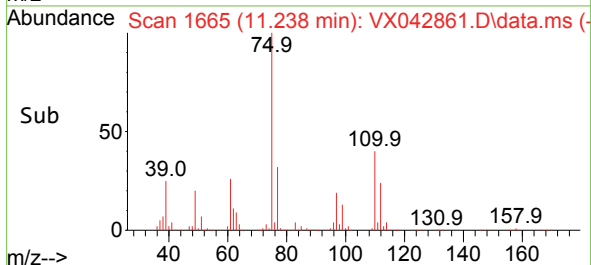
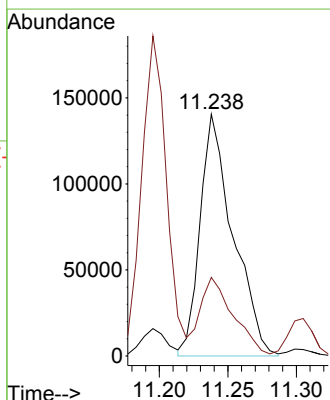
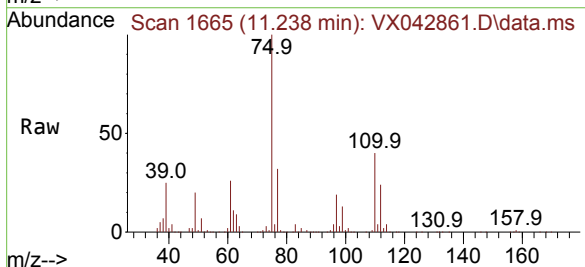
Instrument :
MSVOA_X
ClientSampleId :

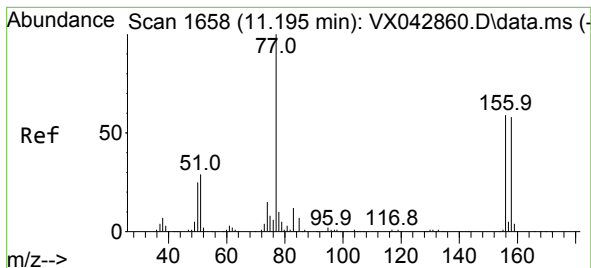
Tgt Ion: 83 Resp: 214336
Ion Ratio Lower Upper
83 100
131 10.4 4.9 14.7
85 65.2 32.0 96.2



#72
1,2,3-Trichloropropane
Concen: 65.130 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

Tgt Ion: 75 Resp: 235845
Ion Ratio Lower Upper
75 100
77 32.9 0.0 89.6





#73

Bromobenzene

Concen: 48.188 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

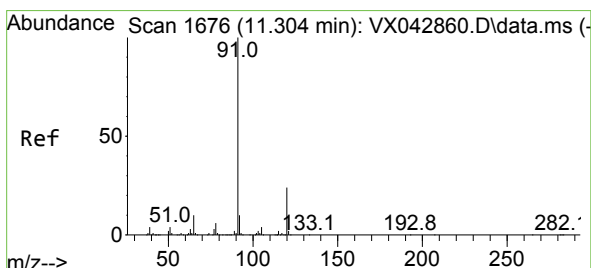
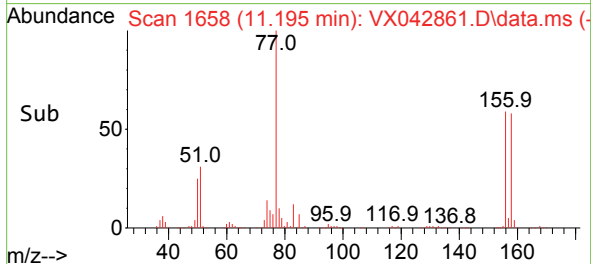
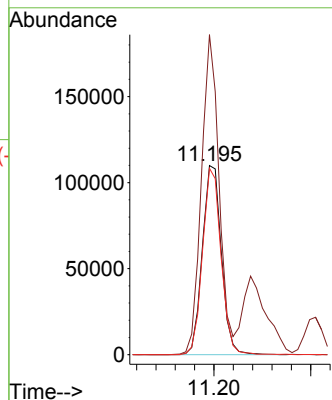
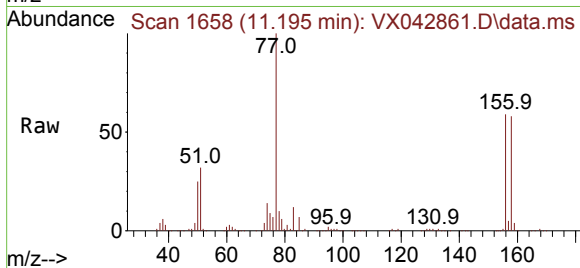
Tgt Ion:156 Resp: 150500

Ion Ratio Lower Upper

156 100

77 156.7 0.0 317.2

158 95.9 0.0 195.2



#74

n-propylbenzene

Concen: 48.769 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.001 min

Lab File: VX042861.D

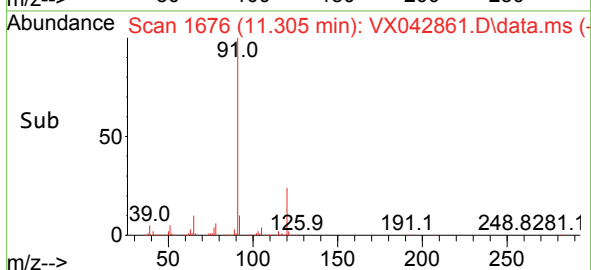
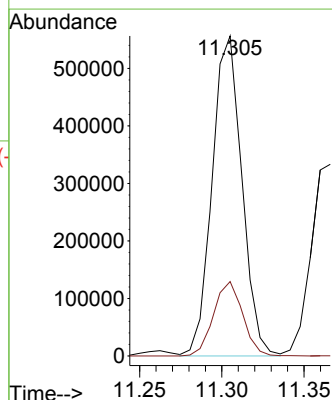
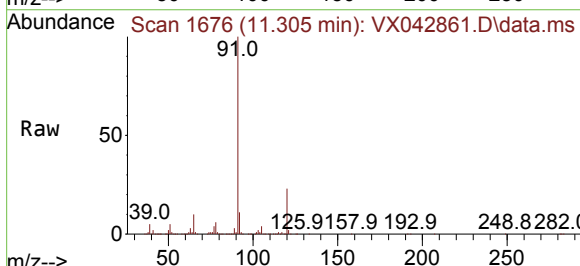
Acq: 06 Aug 2024 10:54

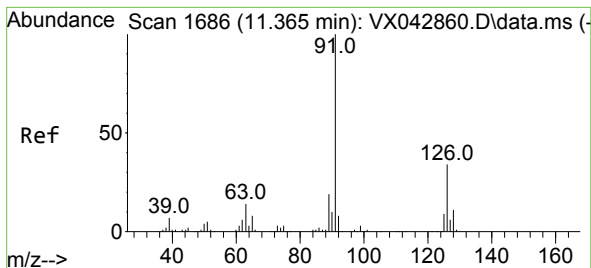
Tgt Ion: 91 Resp: 701233

Ion Ratio Lower Upper

91 100

120 22.7 0.0 45.8





#75

2-Chlorotoluene

Concen: 49.074 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

Instrument :

MSVOA_X

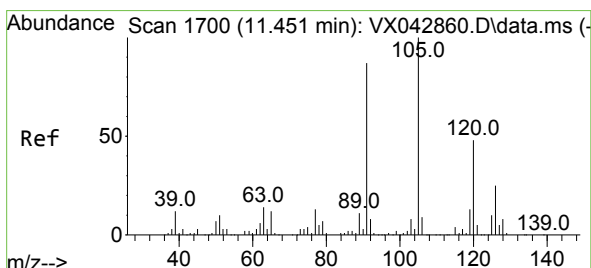
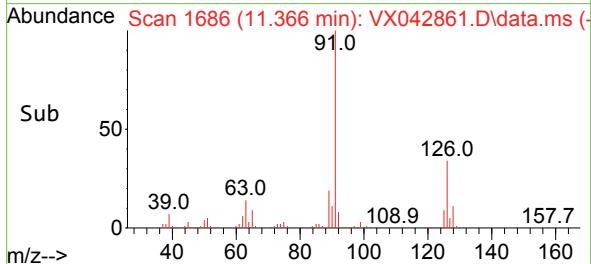
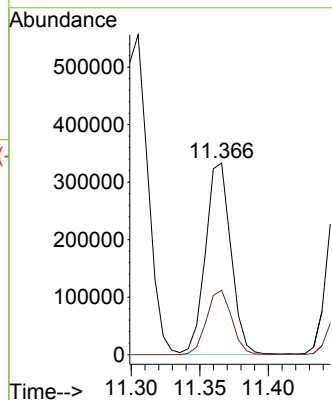
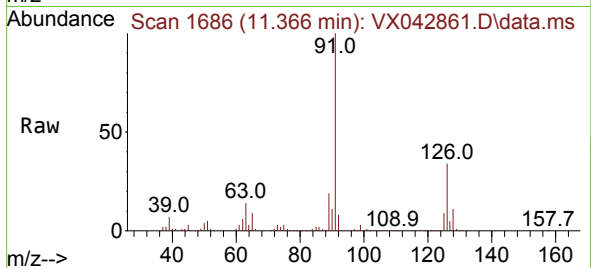
ClientSampleId :

Tgt Ion: 91 Resp: 430674

Ion Ratio Lower Upper

91 100

126 33.3 0.0 66.2



#76

1,3,5-Trimethylbenzene

Concen: 48.868 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.001 min

Lab File: VX042861.D

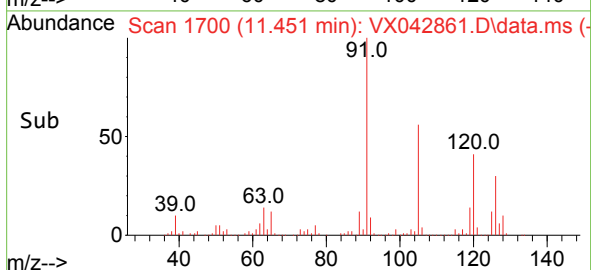
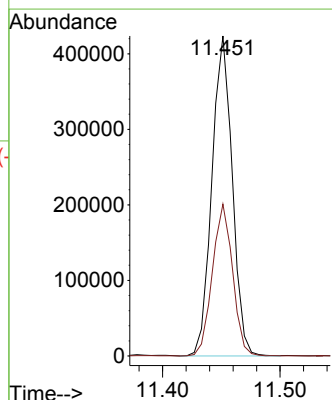
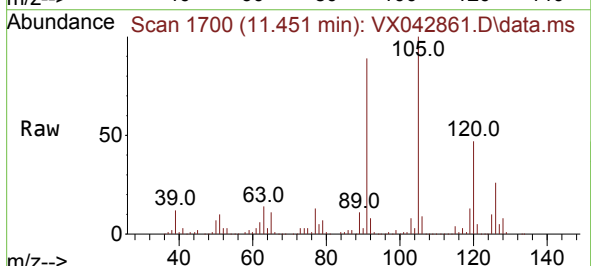
Acq: 06 Aug 2024 10:54

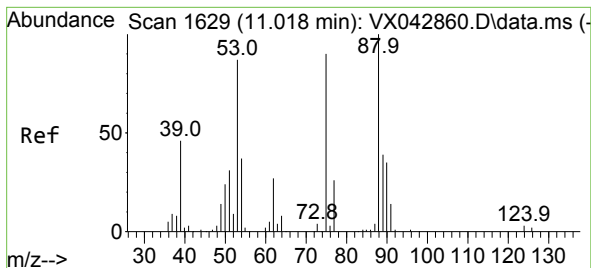
Tgt Ion: 105 Resp: 509101

Ion Ratio Lower Upper

105 100

120 47.1 0.0 94.8

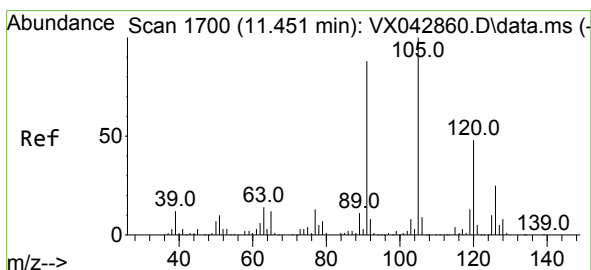
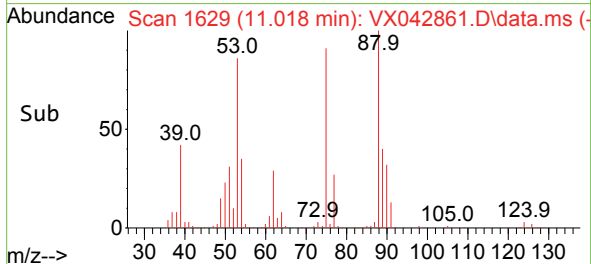
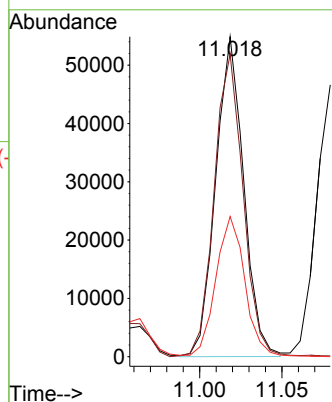
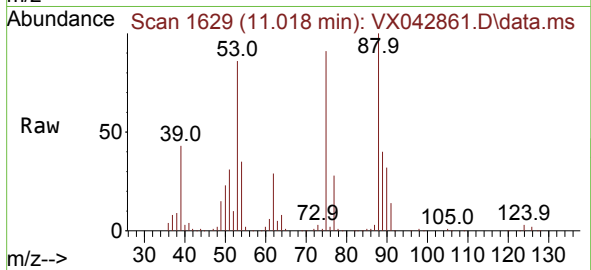




#77
t-1,4-Dichloro-2-butene
Concen: 50.439 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

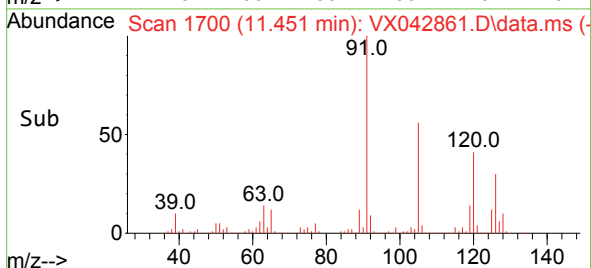
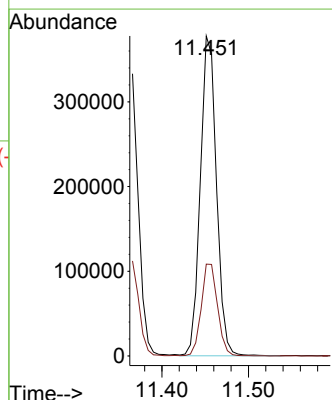
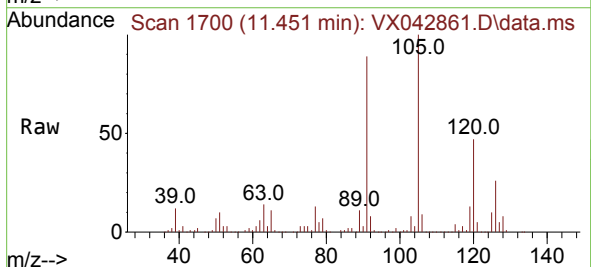
Instrument :
MSVOA_X
ClientSampleId :

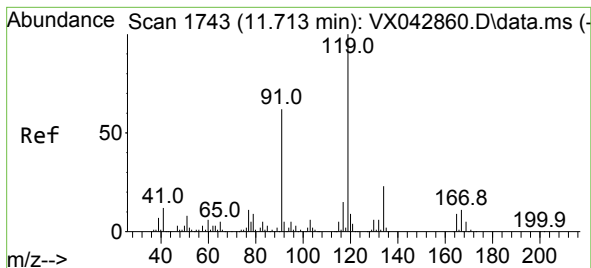
Tgt Ion: 75 Resp: 64940
Ion Ratio Lower Upper
75 100
53 94.6 48.5 145.5
89 43.5 21.9 65.5



#78
4-Chlorotoluene
Concen: 48.519 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

Tgt Ion: 91 Resp: 488348
Ion Ratio Lower Upper
91 100
126 28.9 0.0 59.4





#79

tert-butylbenzene

Concen: 49.021 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.001 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

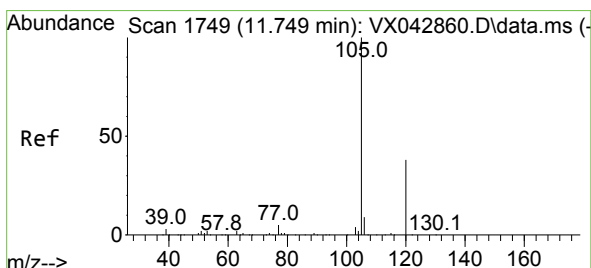
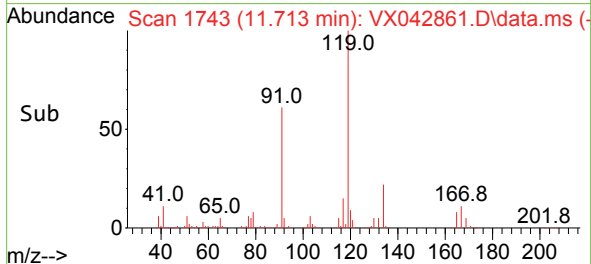
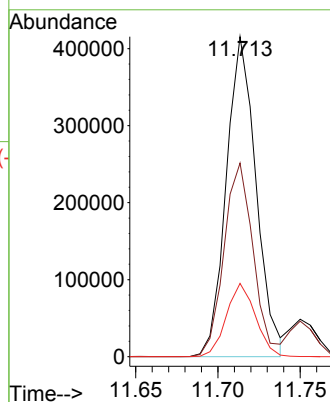
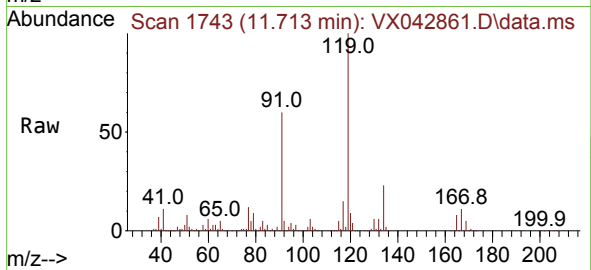
Tgt Ion:119 Resp: 524019

Ion Ratio Lower Upper

119 100

91 59.5 0.0 118.6

134 22.5 0.0 44.4



#80

1,2,4-Trimethylbenzene

Concen: 49.485 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.001 min

Lab File: VX042861.D

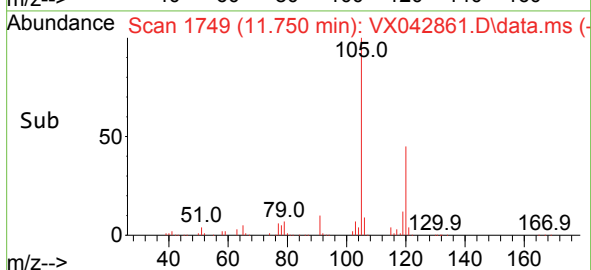
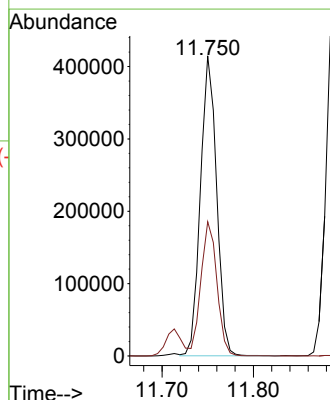
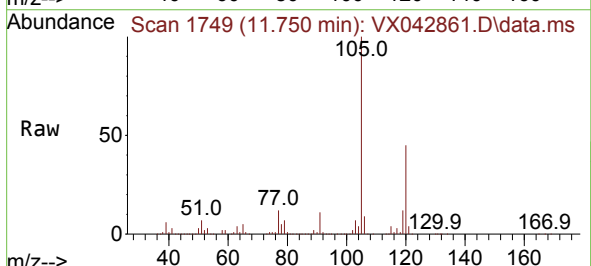
Acq: 06 Aug 2024 10:54

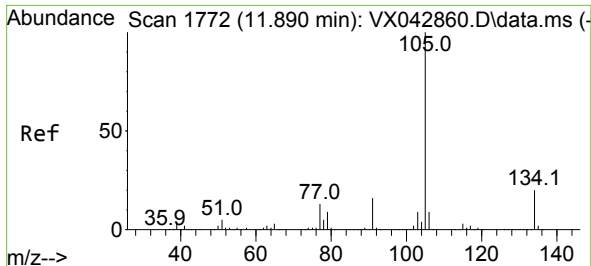
Tgt Ion:105 Resp: 508606

Ion Ratio Lower Upper

105 100

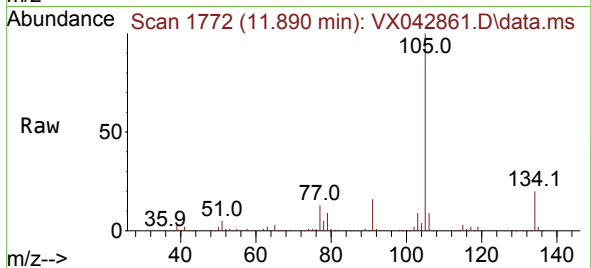
120 43.9 0.0 87.8



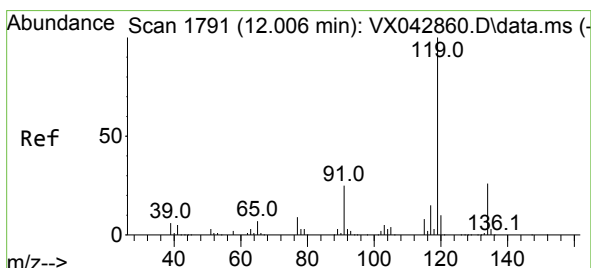
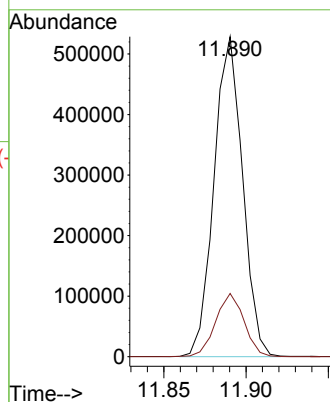
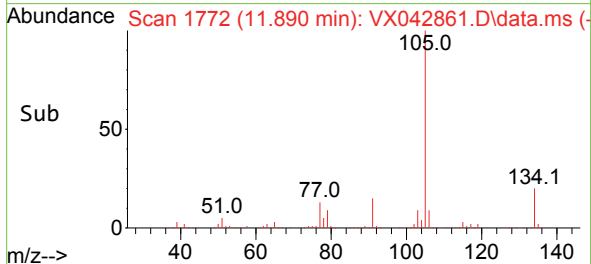


#81
 sec-Butylbenzene
 Concen: 48.645 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.001 min
 Lab File: VX042861.D
 Acq: 06 Aug 2024 10:54

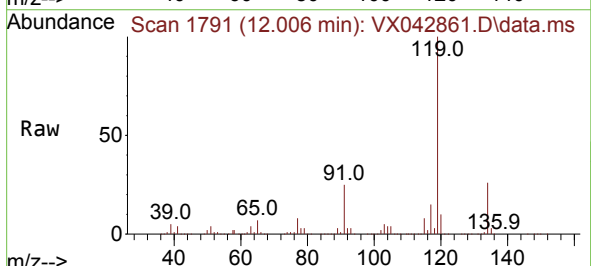
Instrument :
 MSVOA_X
 ClientSampleId :



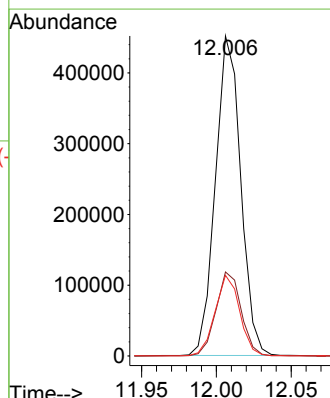
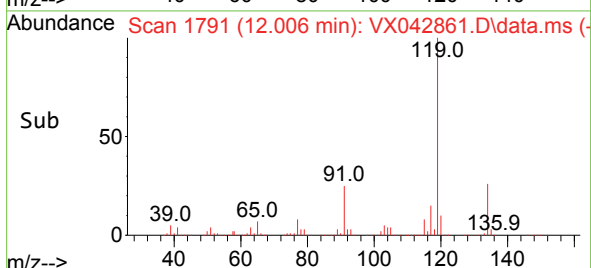
Tgt Ion:105 Resp: 637336
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 40.0

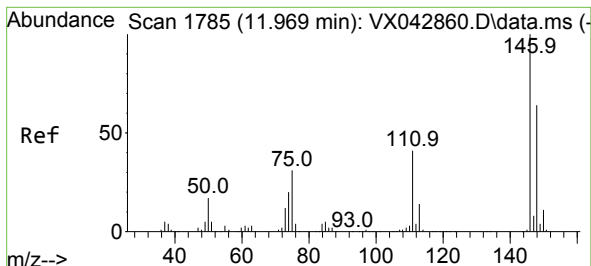


#82
 p-Isopropyltoluene
 Concen: 48.410 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.001 min
 Lab File: VX042861.D
 Acq: 06 Aug 2024 10:54



Tgt Ion:119 Resp: 531148
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 51.8
 91 24.6 0.0 48.4





#83

1,3-Dichlorobenzene

Concen: 48.076 ug/l

RT: 11.970 min Scan# 1785

Delta R.T. 0.001 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

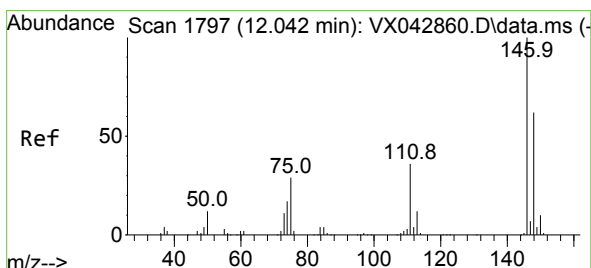
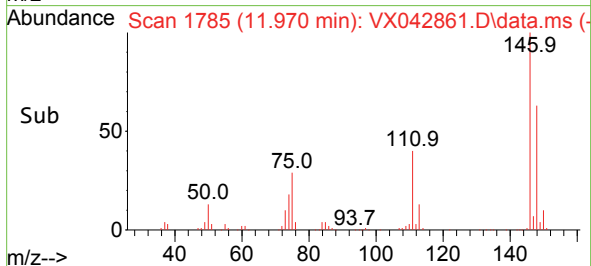
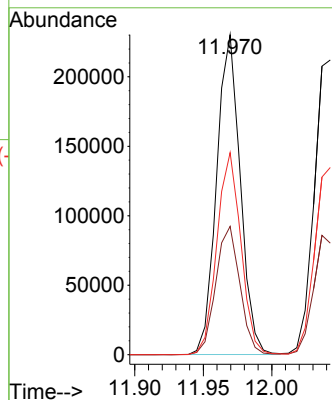
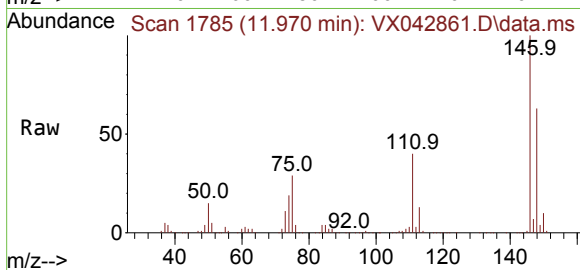
Tgt Ion:146 Resp: 276359

Ion Ratio Lower Upper

146 100

111 41.1 20.3 61.0

148 64.1 31.7 95.1



#84

1,4-Dichlorobenzene

Concen: 47.689 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

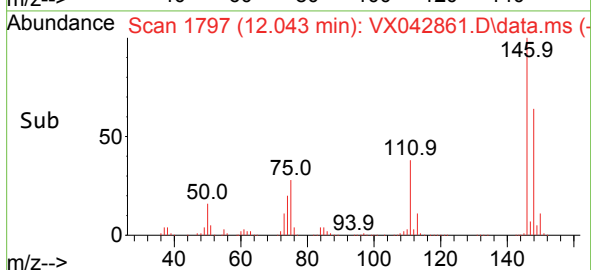
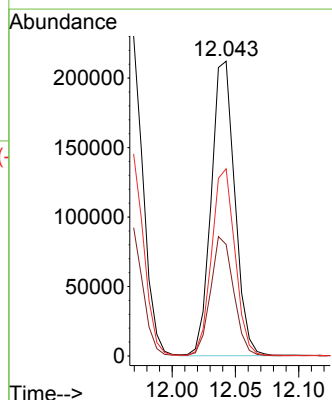
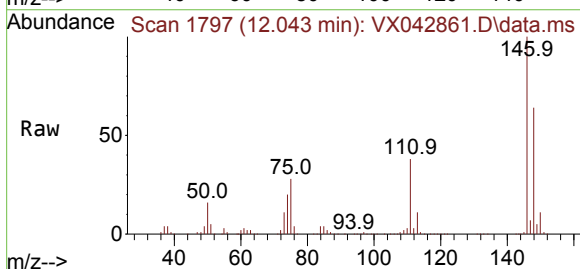
Tgt Ion:146 Resp: 275607

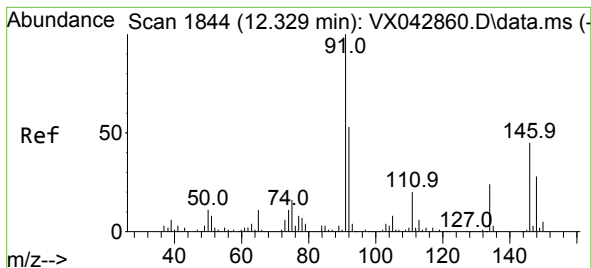
Ion Ratio Lower Upper

146 100

111 39.7 19.4 58.4

148 63.3 31.4 94.2





#85

n-Butylbenzene

Concen: 48.111 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.001 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

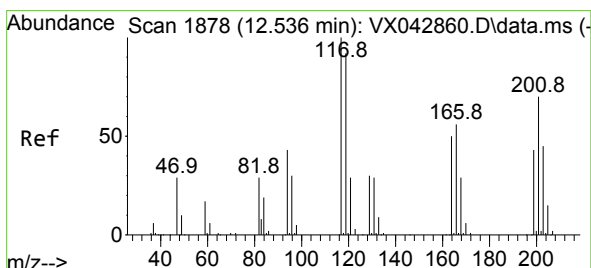
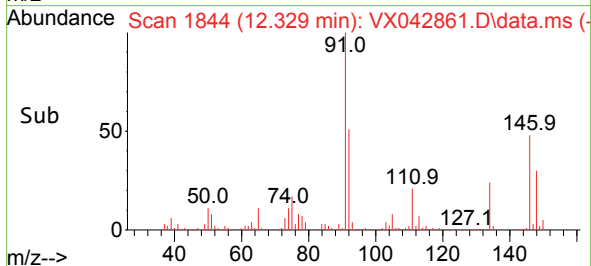
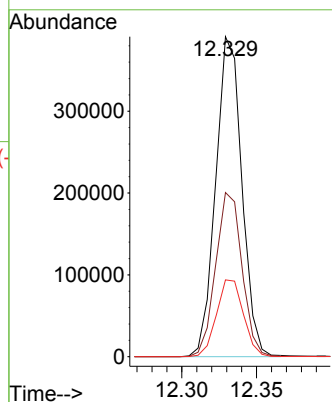
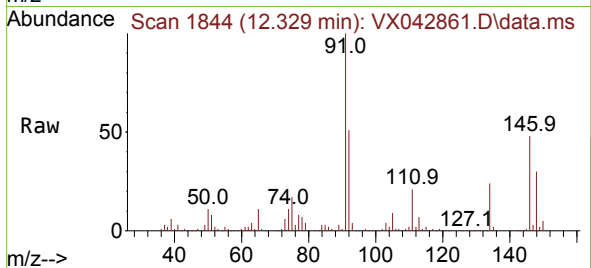
Tgt Ion: 91 Resp: 475767

Ion Ratio Lower Upper

91 100

92 52.0 0.0 106.4

134 24.7 0.0 50.6



#86

Hexachloroethane

Concen: 48.253 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.001 min

Lab File: VX042861.D

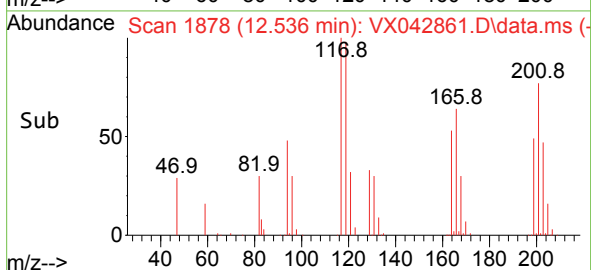
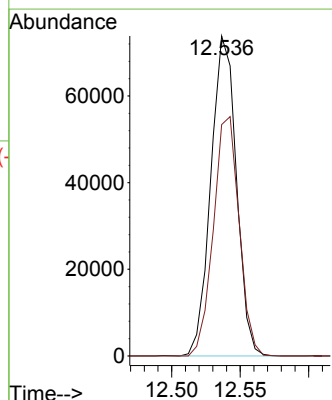
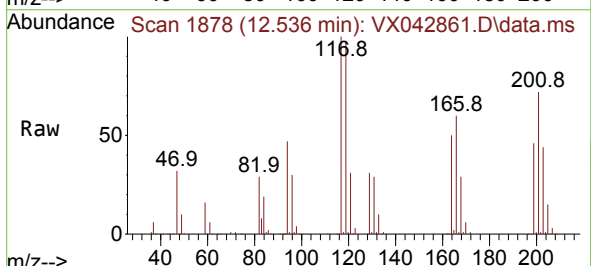
Acq: 06 Aug 2024 10:54

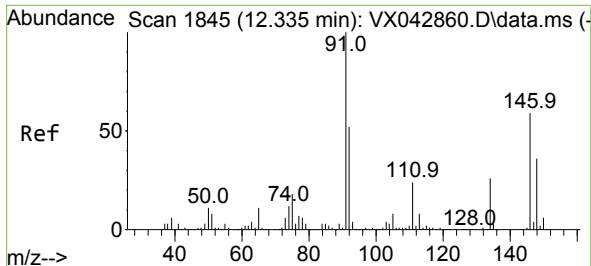
Tgt Ion: 117 Resp: 95550

Ion Ratio Lower Upper

117 100

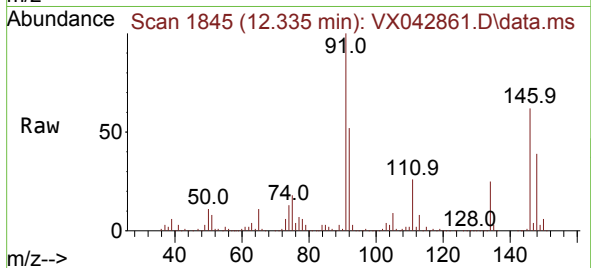
201 75.5 37.5 112.7



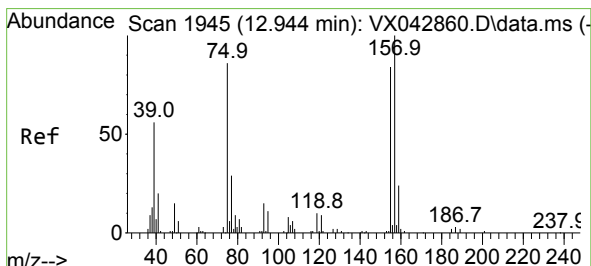
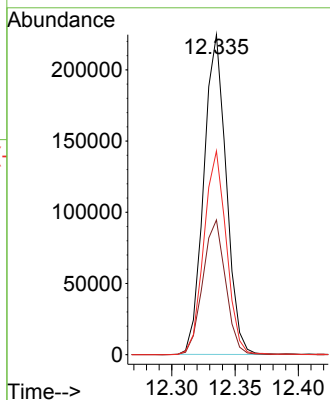
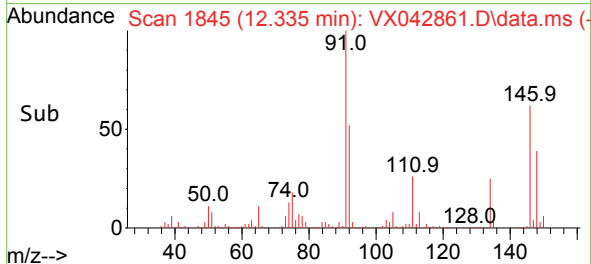


#87
1,2-Dichlorobenzene
Concen: 48.456 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.001 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54

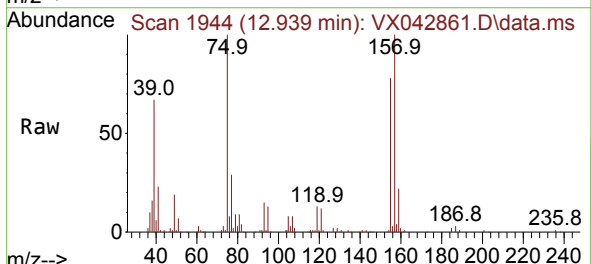
Instrument :
MSVOA_X
ClientSampleId :



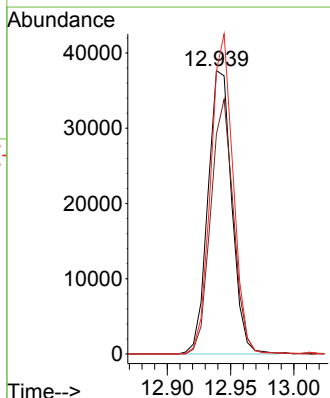
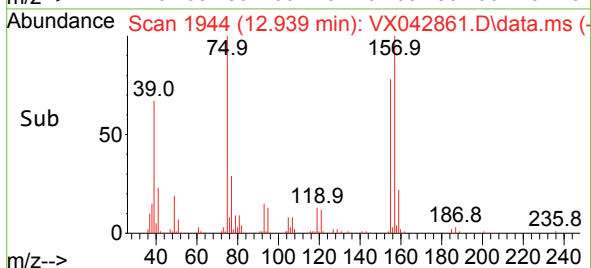
Tgt Ion:146 Resp: 277484
Ion Ratio Lower Upper
146 100
111 42.5 21.0 63.0
148 63.7 30.8 92.4

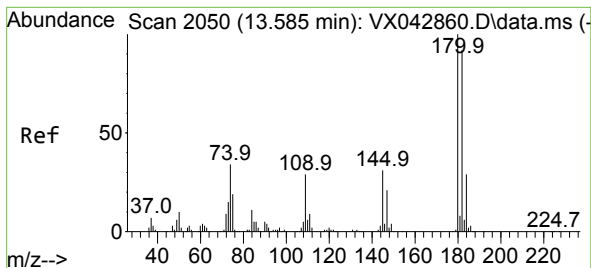


#88
1,2-Dibromo-3-Chloropropane
Concen: 49.240 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX042861.D
Acq: 06 Aug 2024 10:54



Tgt Ion: 75 Resp: 49313
Ion Ratio Lower Upper
75 100
155 85.5 68.7 103.1
157 106.3 86.7 130.1





#89

1,2,4-Trichlorobenzene

Concen: 48.306 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.001 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

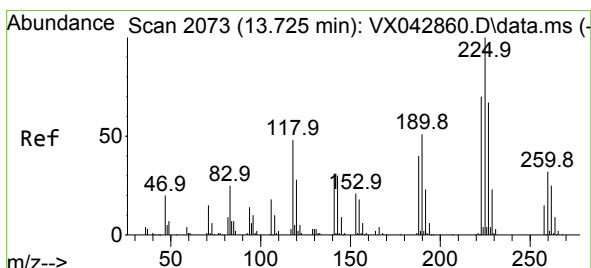
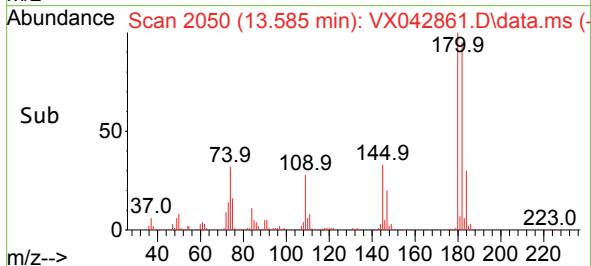
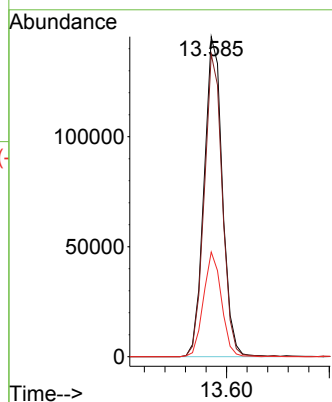
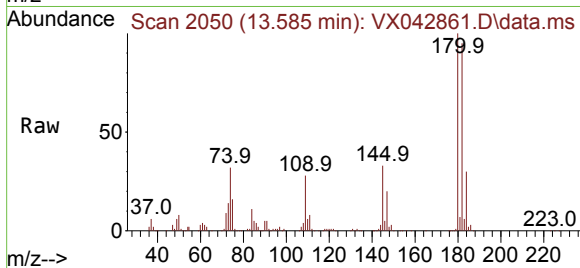
Tgt Ion:180 Resp: 179968

Ion Ratio Lower Upper

180 100

182 93.1 73.1 109.7

145 32.0 24.6 37.0



#90

Hexachlorobutadiene

Concen: 47.793 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.001 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

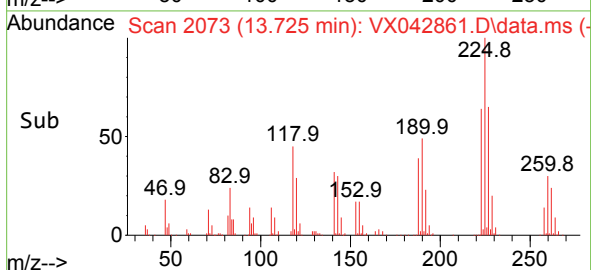
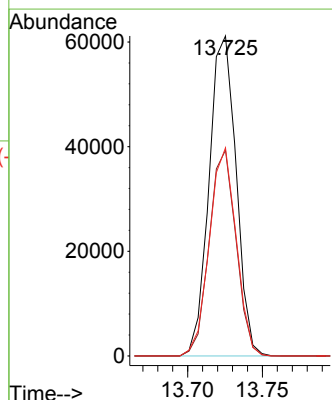
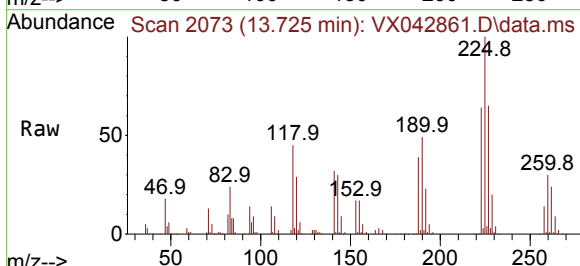
Tgt Ion:225 Resp: 76947

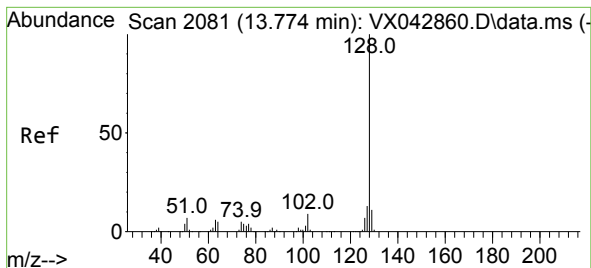
Ion Ratio Lower Upper

225 100

223 63.7 0.0 135.0

227 64.5 0.0 130.4





#91

Naphthalene

Concen: 49.445 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.001 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

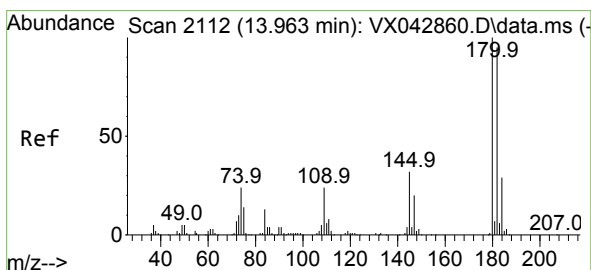
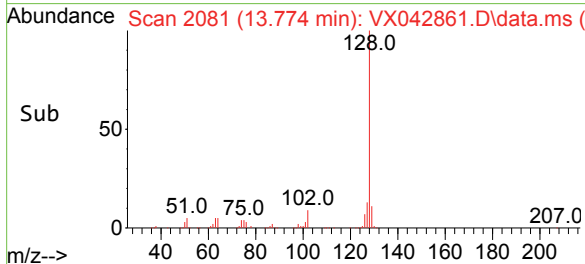
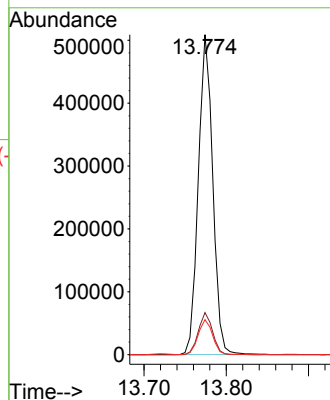
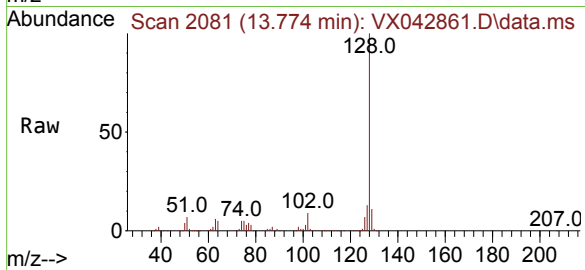
Tgt Ion:128 Resp: 620124

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.9 8.8 13.2



#92

1,2,3-Trichlorobenzene

Concen: 48.691 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.001 min

Lab File: VX042861.D

Acq: 06 Aug 2024 10:54

Tgt Ion:180 Resp: 183191

Ion Ratio Lower Upper

180 100

182 94.4 0.0 185.8

145 33.5 0.0 65.2

