

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035570.D
 Acq On : 08 May 2023 19:08
 Operator : JC/MD
 Sample : 02658-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 509

Quant Time: May 09 03:50:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	258334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	422472	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	387145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	191499	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	153825	49.356	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.720%
35) Dibromofluoromethane	5.385	113	129889	50.092	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.180%
50) Toluene-d8	8.653	98	484781	49.560	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.120%
62) 4-Bromofluorobenzene	11.079	95	195065	53.011	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.020%

Target Compounds						Qvalue
3) Chloromethane	1.294	50	1014	0.408	ug/l #	42
6) Chloroethane	1.685	64	793	0.544	ug/l	88
8) Diethyl Ether	2.130	74	479	0.337	ug/l #	1
11) Tert butyl alcohol	2.989	59	4668	8.226	ug/l #	73
13) Acrolein	2.215	56	447	0.801	ug/l #	1
14) Allyl chloride	2.599	41	146374	33.150	ug/l #	67
15) Acrylonitrile	3.111	53	3325	2.343	ug/l #	37
16) Acetone	2.386	43	2961617	2187.937	ug/l	98
17) Carbon Disulfide	2.514	76	1880	0.313	ug/l #	87
18) Methyl Acetate	2.593	43	376928	72.010	ug/l #	53
19) Methyl tert-butyl Ether	3.111	73	296301	34.422	ug/l	97
20) Methylene Chloride	2.788	84	1365	0.440	ug/l	88
22) Diisopropyl ether	3.763	45	7976	0.913	ug/l #	77
23) Vinyl Acetate	3.763	43	4330	0.721	ug/l #	72
25) 2-Butanone	4.562	43	101699	51.474	ug/l	94
29) Tetrahydrofuran	5.038	42	667	0.527	ug/l #	55
31) Cyclohexane	5.470	56	12285	2.779	ug/l	98
36) 1,1-Dichloropropene	5.550	75	18388	4.542	ug/l #	51
37) Ethyl Acetate	4.721	43	39944	10.802	ug/l	96
38) Carbon Tetrachloride	5.556	117	25770	6.705	ug/l #	15
39) Methylcyclohexane	7.379	83	5685	1.154	ug/l	93
40) Benzene	6.037	78	2159733	185.948	ug/l	100
41) Methacrylonitrile	5.031	41	736	0.347	ug/l #	24
42) 1,2-Dichloroethane	6.037	62	18915	4.567	ug/l #	75
43) Isopropyl Acetate	6.348	43	3995	0.643	ug/l #	53
51) 4-Methyl-2-Pentanone	8.580	43	4868485	1275.309	ug/l	94
52) Toluene	8.726	92	6028850	818.887	ug/l	88
53) t-1,3-Dichloropropene	8.726	75	79335	20.504	ug/l #	1
56) Ethyl methacrylate	9.031	69	116998	26.760	ug/l #	86
59) 2-Hexanone	9.433	43	36465	12.715	ug/l	96
67) Ethyl Benzene	10.195	91	2135874	147.247	ug/l	99
68) m/p-Xylenes	10.305	106	3025187	544.278	ug/l	93
69) o-Xylene	10.640	106	1980329	363.341	ug/l	95
70) Styrene	10.646	104	106438	12.044	ug/l #	1
73) Isopropylbenzene	10.963	105	188285	13.450	ug/l	99
74) N-amyl acetate	10.884	43	2661	0.506	ug/l #	53

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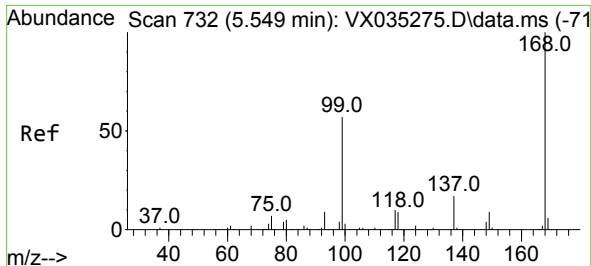
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

76) 1,2,3-Trichloropropane	11.378	75	20279	5.309	ug/l #	1
78) n-propylbenzene	11.305	91	391462	24.349	ug/l	100
79) 2-Chlorotoluene	11.378	91	301435	30.005	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.451	105	747027	63.290	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.006	75	11166	9.467	ug/l #	22
82) 4-Chlorotoluene	11.451	91	81951	7.263	ug/l #	48
83) tert-Butylbenzene	11.756	119	498336	42.078	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.756	105	3895857	328.496	ug/l	97
85) sec-Butylbenzene	11.756	105	3895857	268.183	ug/l #	56
86) p-Isopropyltoluene	12.012	119	16694	1.351	ug/l #	71
87) 1,3-Dichlorobenzene	11.969	146	1555	0.235	ug/l	87
88) 1,4-Dichlorobenzene	11.969	146	1555	0.224	ug/l	87
89) n-Butylbenzene	12.323	91	85138	8.163	ug/l #	12
90) Hexachloroethane	12.615	117	39290	20.774	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	12.963	75	4200	4.821	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	2269	0.546	ug/l #	1
94) Hexachlorobutadiene	13.731	225	862	0.472	ug/l	91
95) Naphthalene	13.774	128	3643638	284.695	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1978	0.473	ug/l #	12

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

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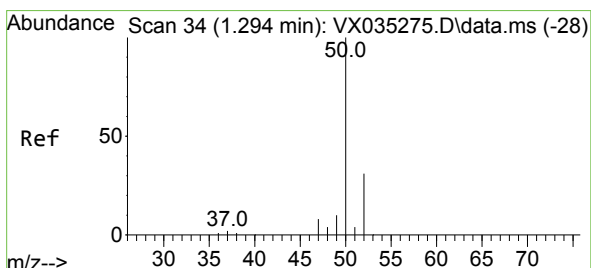
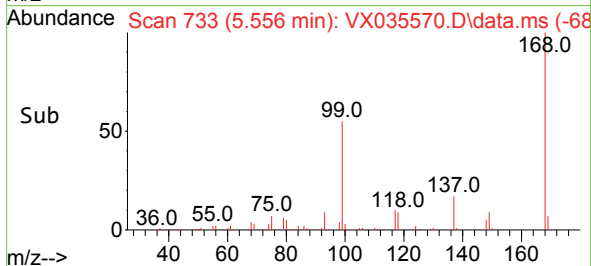
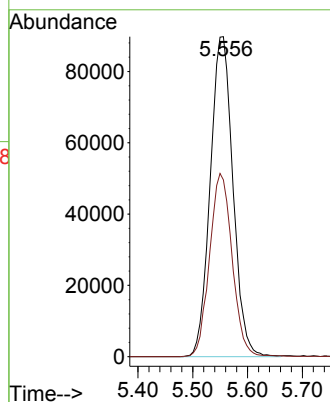
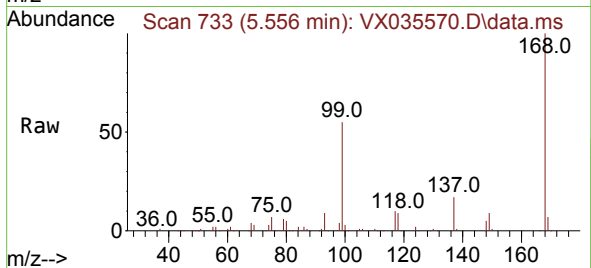




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035570.D
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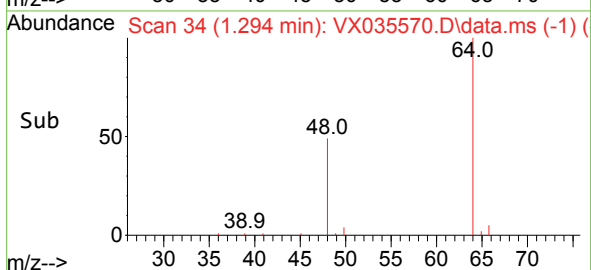
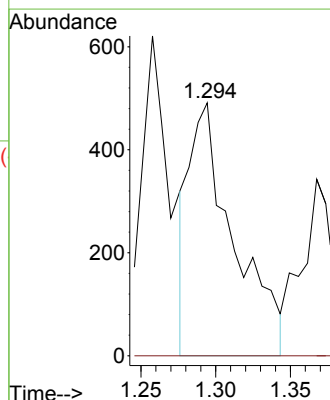
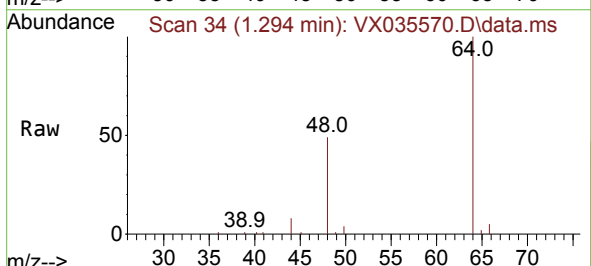
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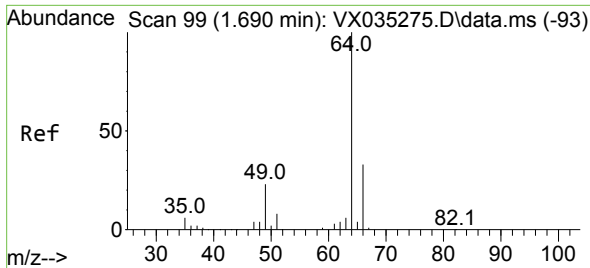
Tgt Ion:168 Resp: 258334
Ion Ratio Lower Upper
168 100
99 55.3 45.7 68.5



#3
Chloromethane
Concen: 0.408 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

Tgt Ion: 50 Resp: 1014
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

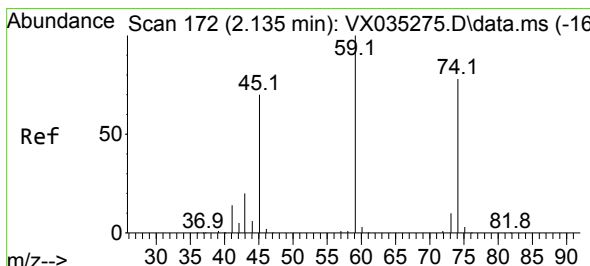
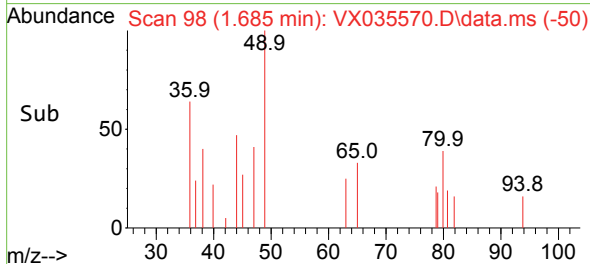
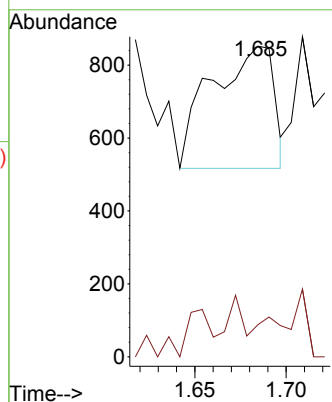
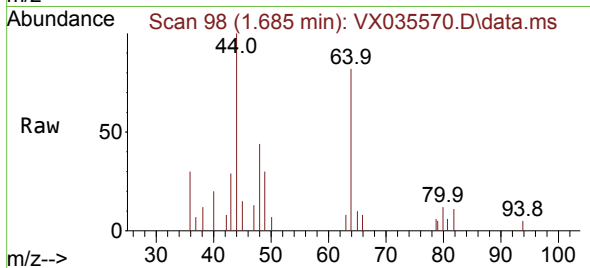




#6
Chloroethane
Concen: 0.544 ug/l
RT: 1.685 min Scan# 99
Delta R.T. -0.005 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

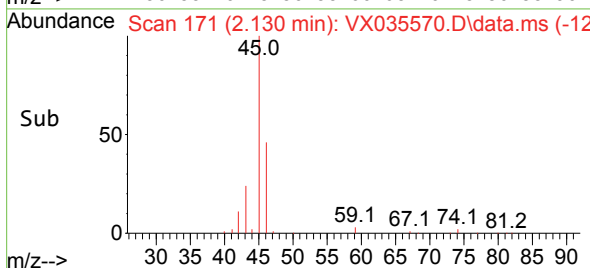
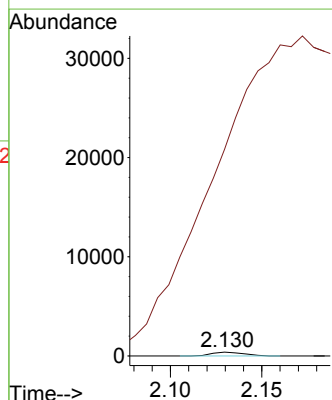
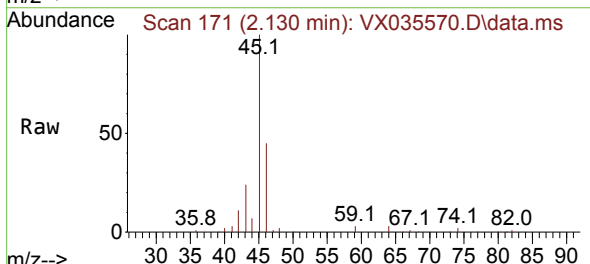
Instrument :
MSVOA_X
ClientSampleId :
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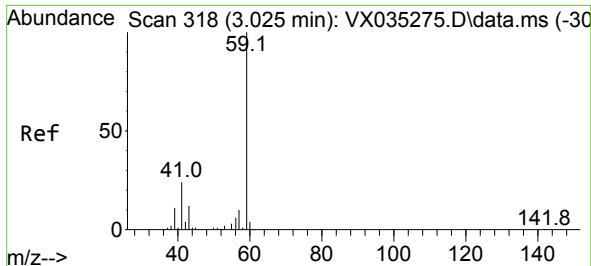
Tgt Ion: 64 Resp: 793
Ion Ratio Lower Upper
64 100
66 26.3 26.2 39.4



#8
Diethyl Ether
Concen: 0.337 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

Tgt Ion: 74 Resp: 479
Ion Ratio Lower Upper
74 100
45 0.0 49.8 149.3#

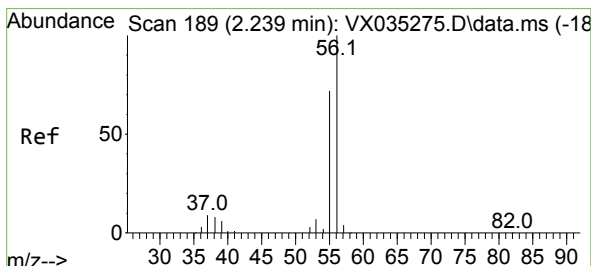
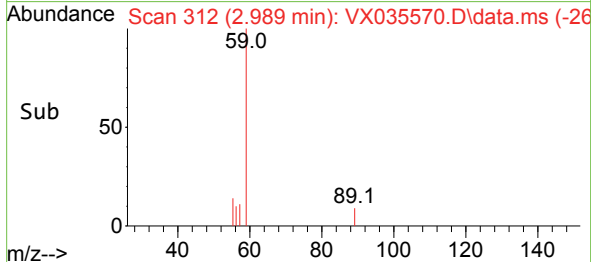
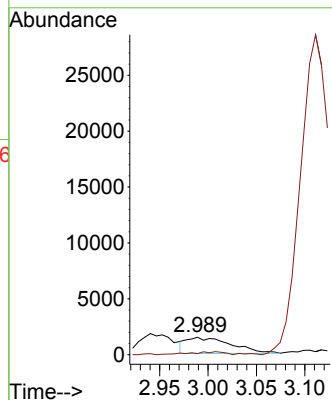
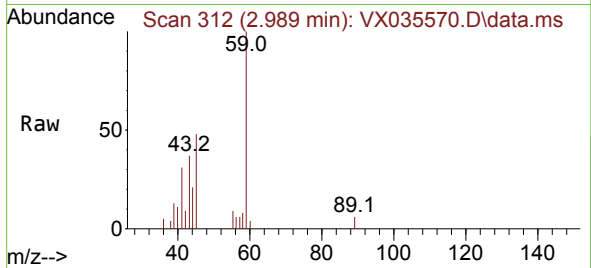




#11
Tert butyl alcohol
Concen: 8.226 ug/l
RT: 2.989 min Scan# 31
Delta R.T. -0.036 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

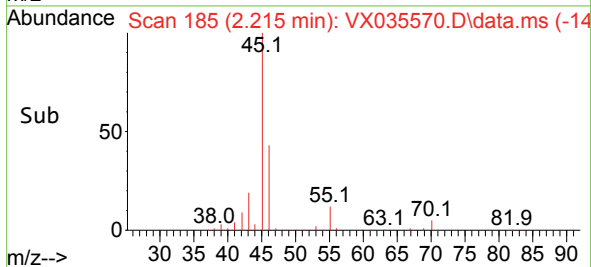
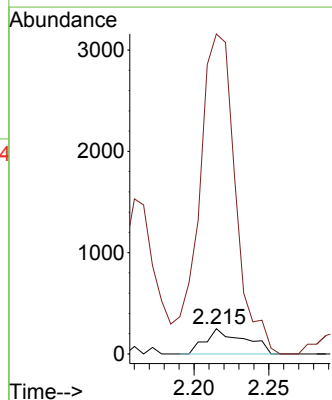
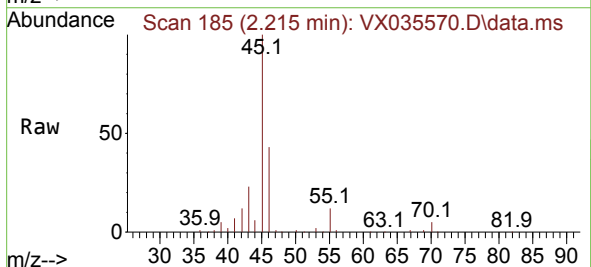
Instrument :
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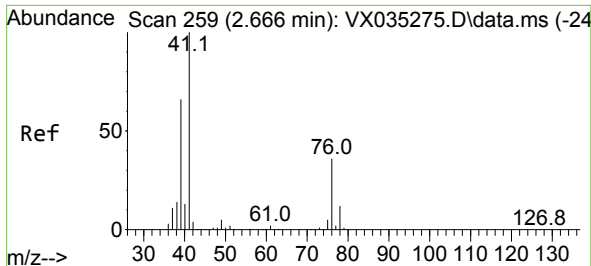
Tgt Ion: 59 Resp: 4668
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 0.801 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.024 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

Tgt Ion: 56 Resp: 447
Ion Ratio Lower Upper
56 100
55 1189.0 56.6 85.0#

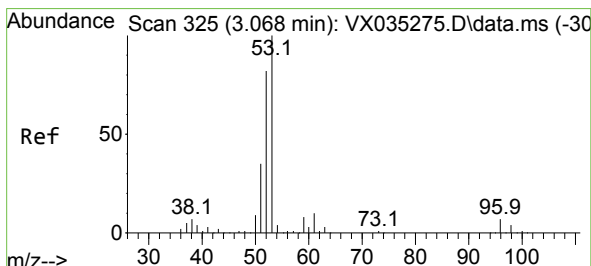
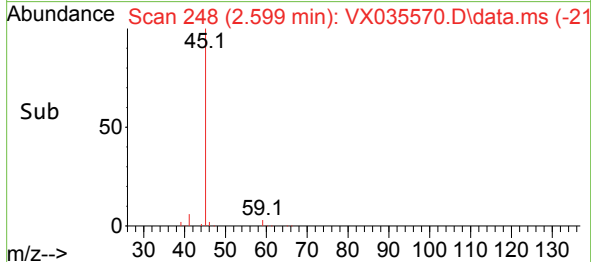
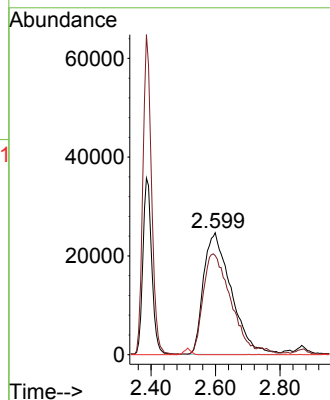
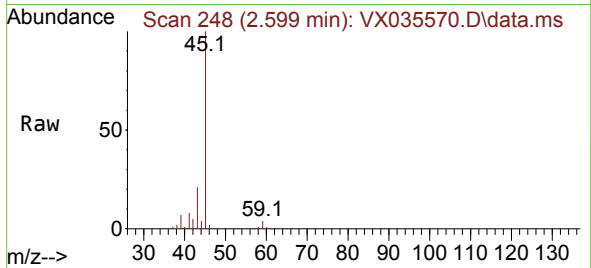




#14
 Allyl chloride
 Concen: 33.150 ug/l
 RT: 2.599 min Scan# 24
 Delta R.T. -0.067 min
 Lab File: VX035570.D
 Acq: 08 May 2023 19:08

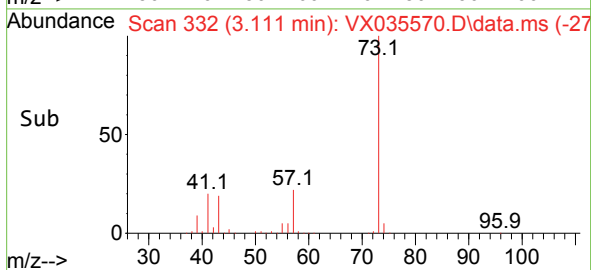
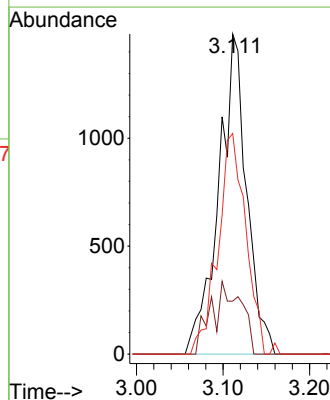
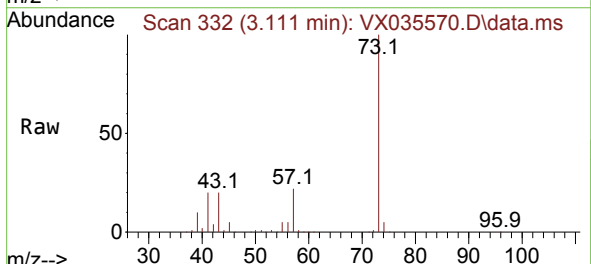
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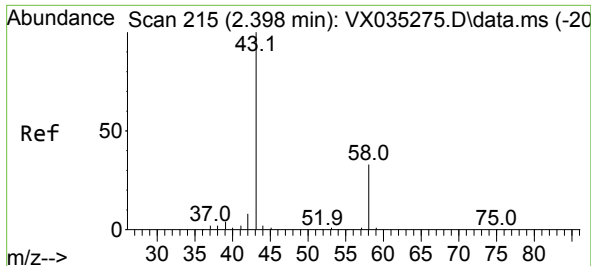
Tgt Ion: 41 Resp: 146374
 Ion Ratio Lower Upper
 41 100
 39 81.6 52.4 78.6#
 76 0.0 26.0 39.0#



#15
 Acrylonitrile
 Concen: 2.343 ug/l
 RT: 3.111 min Scan# 332
 Delta R.T. 0.043 min
 Lab File: VX035570.D
 Acq: 08 May 2023 19:08

Tgt Ion: 53 Resp: 3325
 Ion Ratio Lower Upper
 53 100
 52 23.9 66.2 99.2#
 51 68.5 28.3 42.5#

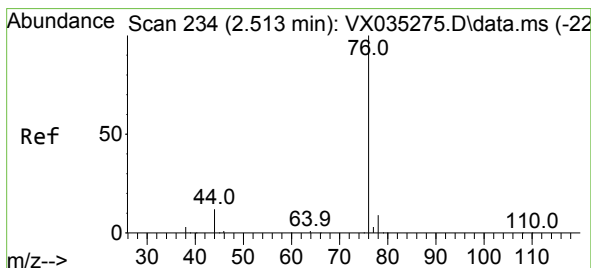
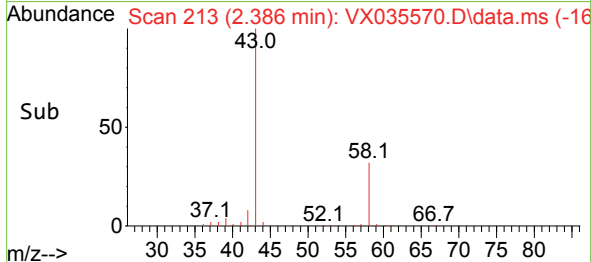
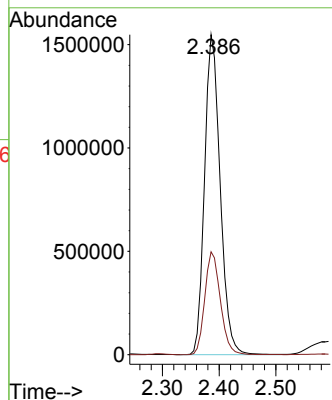
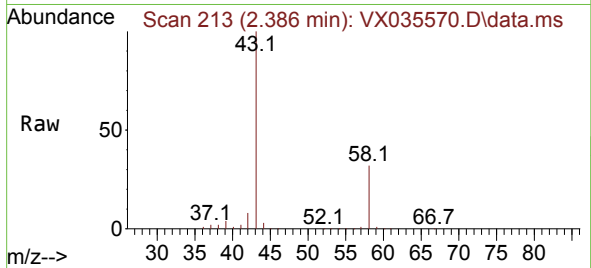




#16
Acetone
Concen: 2187.937 ug/l
RT: 2.386 min Scan# 215
Delta R.T. -0.012 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

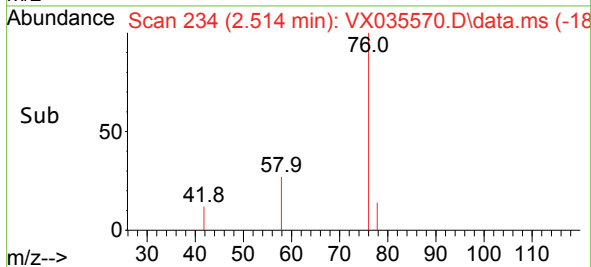
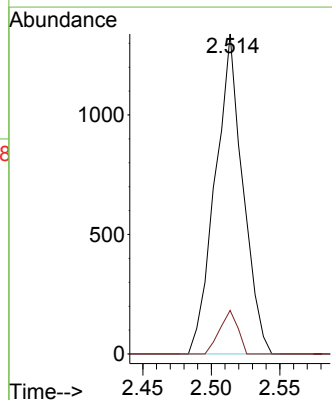
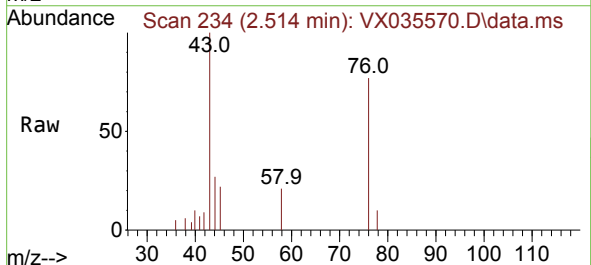
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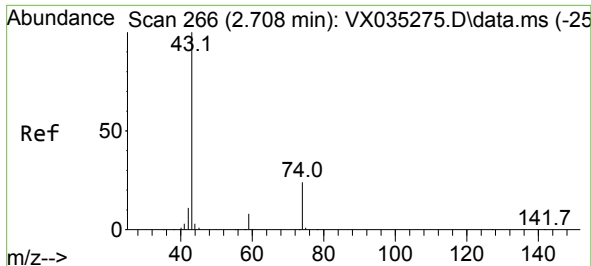
Tgt Ion: 43 Resp: 2961617
Ion Ratio Lower Upper
43 100
58 32.2 24.7 37.1



#17
Carbon Disulfide
Concen: 0.313 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.001 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

Tgt Ion: 76 Resp: 1880
Ion Ratio Lower Upper
76 100
78 13.6 7.2 10.8#

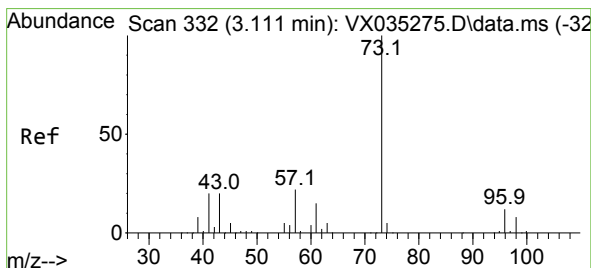
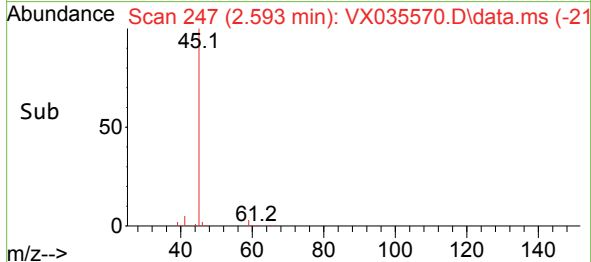
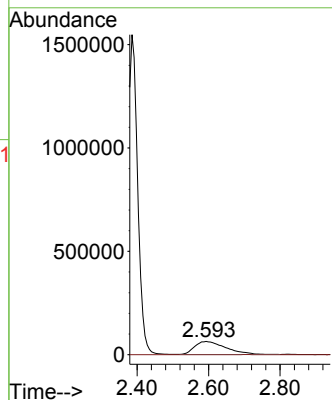
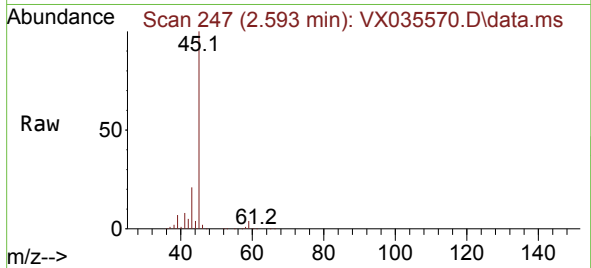




#18
Methyl Acetate
Concen: 72.010 ug/l
RT: 2.593 min Scan# 247
Delta R.T. -0.115 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

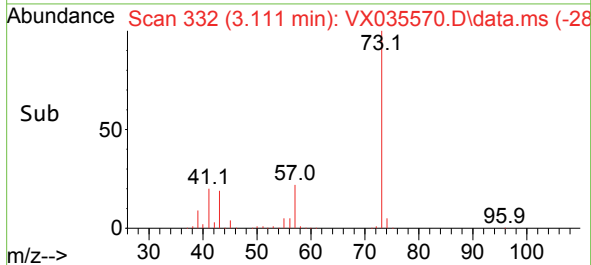
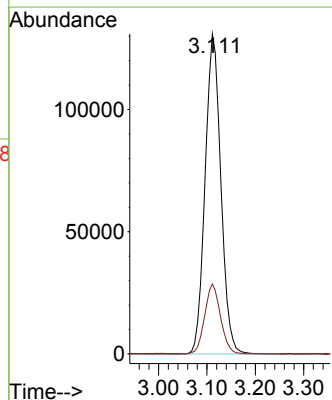
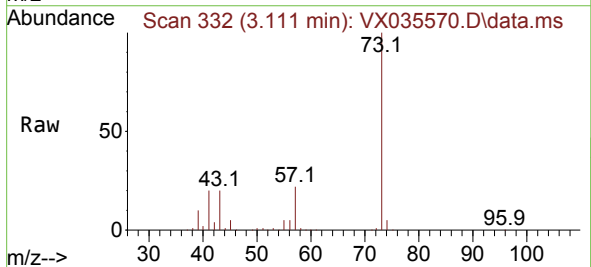
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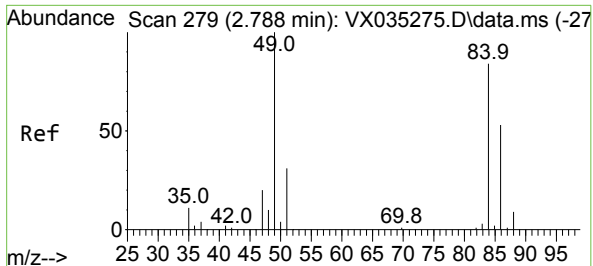
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Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#19
Methyl tert-butyl Ether
Concen: 34.422 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

Tgt Ion: 73 Resp: 296301
Ion Ratio Lower Upper
73 100
57 21.9 18.5 27.7





#20

Methylene Chloride

Concen: 0.440 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX035570.D

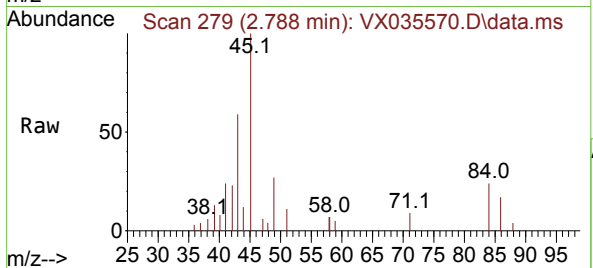
Acq: 08 May 2023 19:08

Instrument :

MSVOA_X

ClientSampleId :

509



Tgt Ion: 84 Resp: 1365

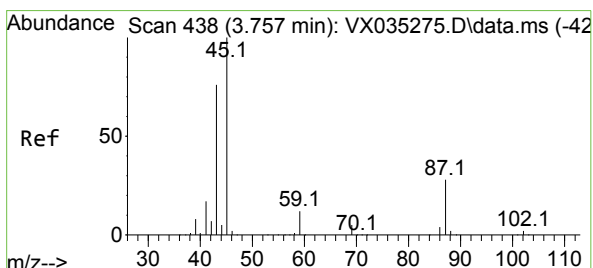
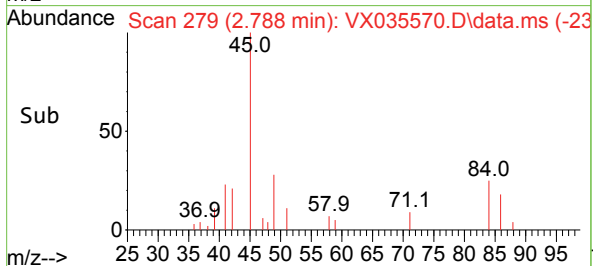
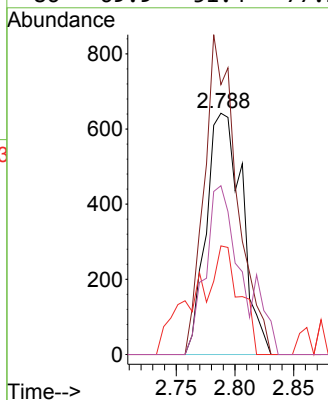
Ion Ratio Lower Upper

84 100

49 111.8 103.8 155.8

51 45.0 31.8 47.8

86 69.9 51.4 77.2



#22

Diisopropyl ether

Concen: 0.913 ug/l

RT: 3.763 min Scan# 439

Delta R.T. 0.006 min

Lab File: VX035570.D

Acq: 08 May 2023 19:08

Tgt Ion: 45 Resp: 7976

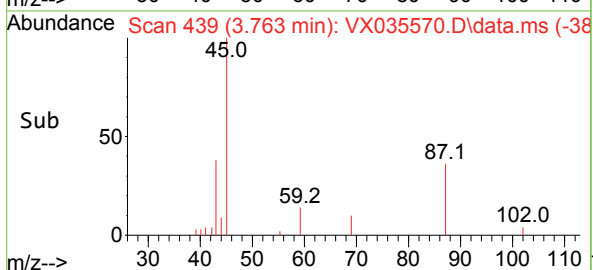
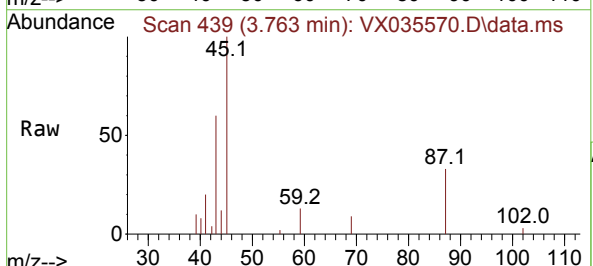
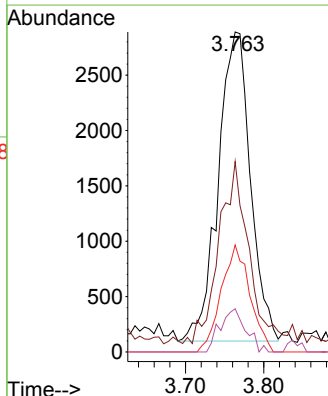
Ion Ratio Lower Upper

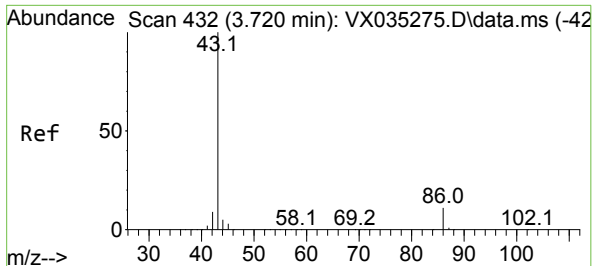
45 100

43 58.1 65.4 98.2#

87 34.6 20.6 31.0#

59 14.0 9.0 13.6#

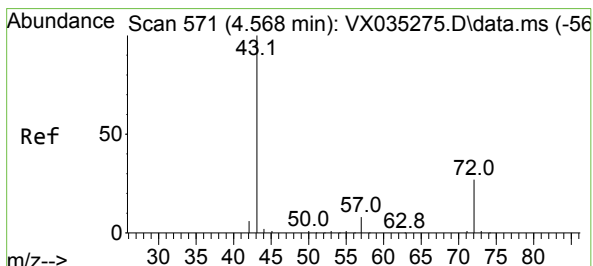
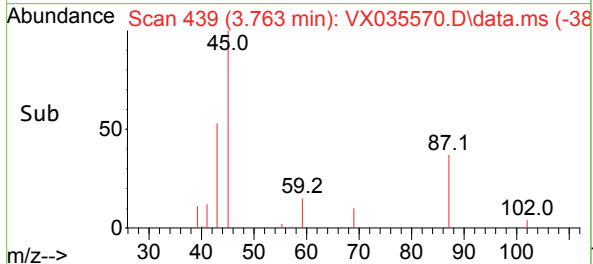
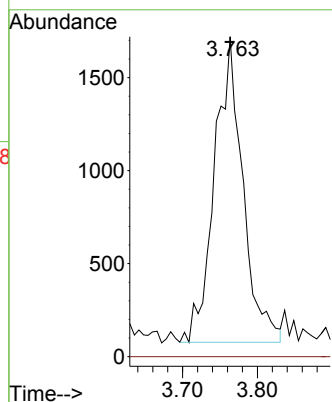
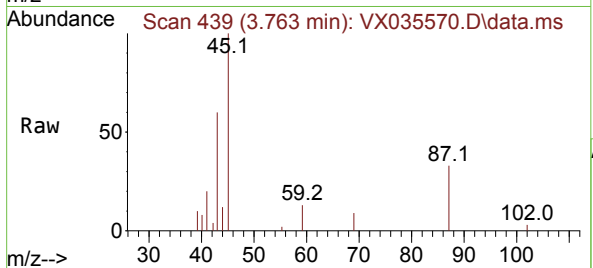




#23
 Vinyl Acetate
 Concen: 0.721 ug/l
 RT: 3.763 min Scan# 41
 Delta R.T. 0.043 min
 Lab File: VX035570.D
 Acq: 08 May 2023 19:08

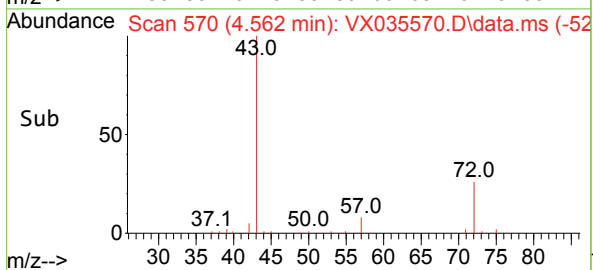
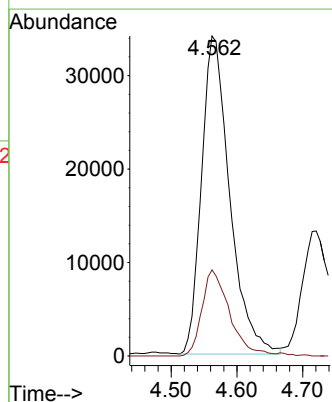
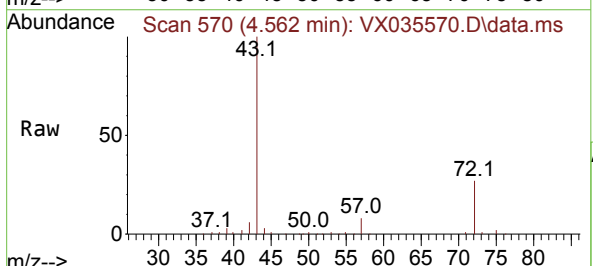
Instrument :
 MSVOA_X
 ClientSampleId :
 509

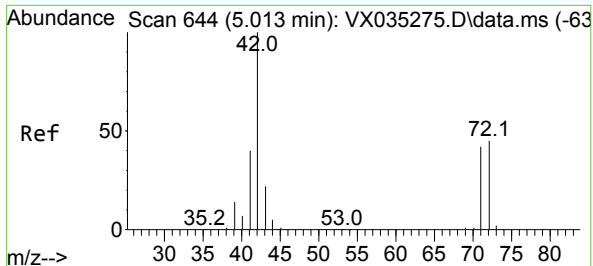
Tgt Ion: 43 Resp: 4330
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#25
 2-Butanone
 Concen: 51.474 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. -0.006 min
 Lab File: VX035570.D
 Acq: 08 May 2023 19:08

Tgt Ion: 43 Resp: 101699
 Ion Ratio Lower Upper
 43 100
 72 27.1 19.3 28.9





#29

Tetrahydrofuran

Concen: 0.527 ug/l

RT: 5.038 min Scan# 644

Delta R.T. 0.025 min

Lab File: VX035570.D

Acq: 08 May 2023 19:08

Instrument :

MSVOA_X

ClientSampleId :

509

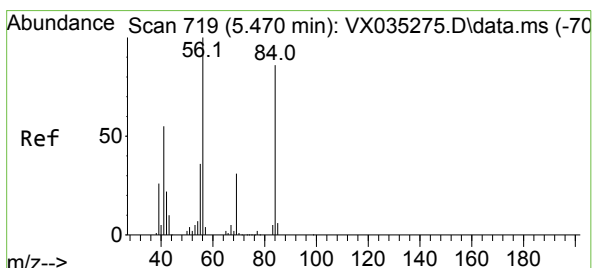
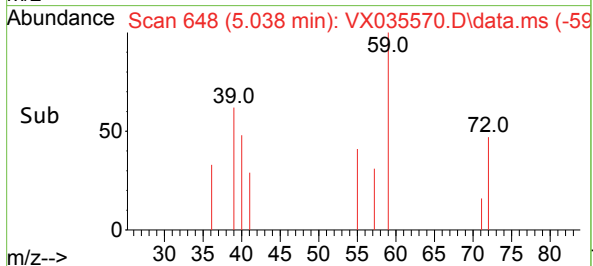
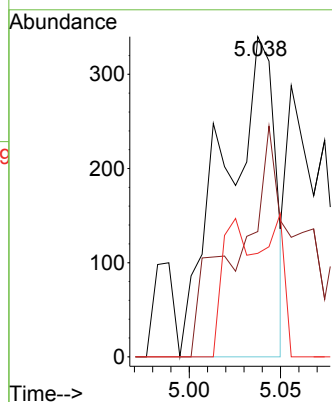
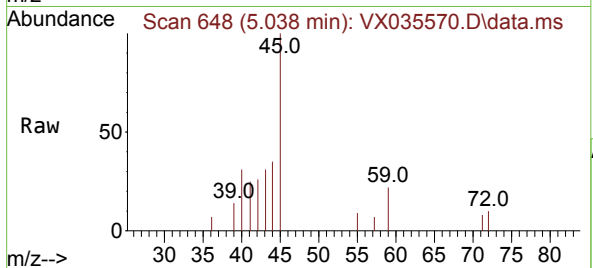
Tgt Ion: 42 Resp: 667

Ion Ratio Lower Upper

42 100

72 97.6 34.5 51.7#

71 41.8 32.1 48.1



#31

Cyclohexane

Concen: 2.779 ug/l

RT: 5.470 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX035570.D

Acq: 08 May 2023 19:08

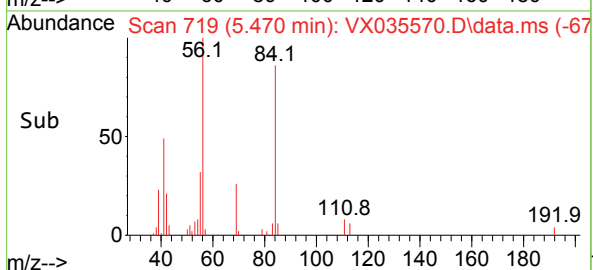
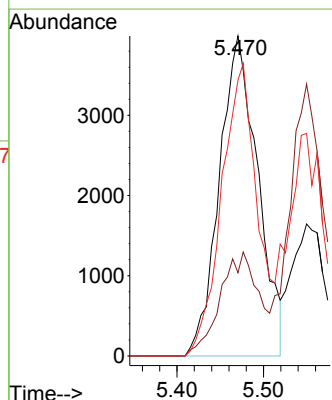
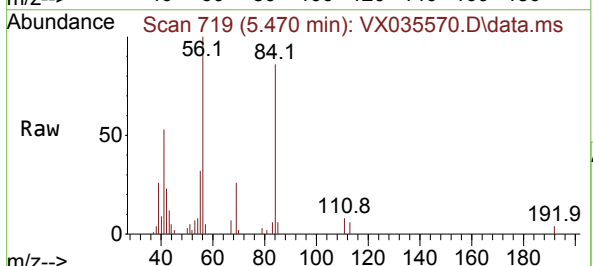
Tgt Ion: 56 Resp: 12285

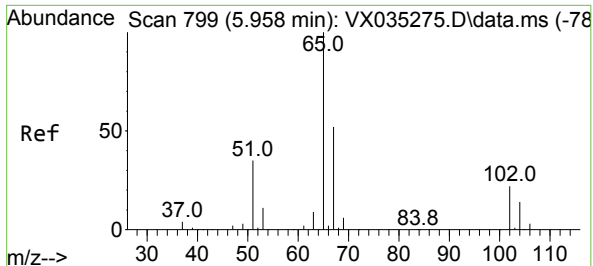
Ion Ratio Lower Upper

56 100

69 26.0 23.7 35.5

84 86.2 68.5 102.7





#33

1,2-Dichloroethane-d4

Concen: 49.356 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035570.D

Acq: 08 May 2023 19:08

Instrument :

MSVOA_X

ClientSampleId :

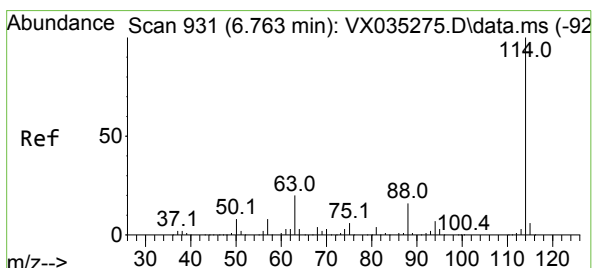
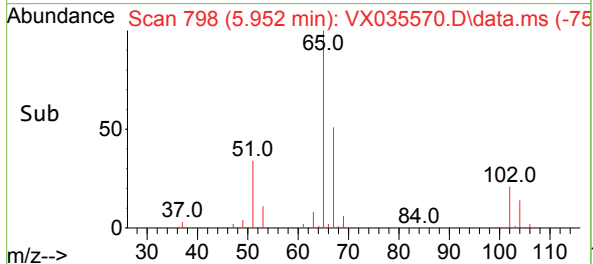
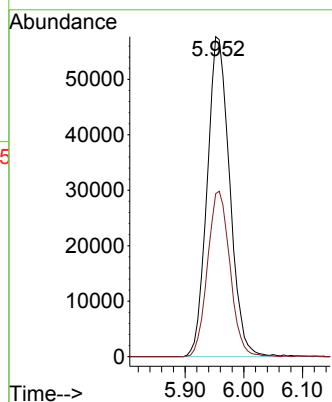
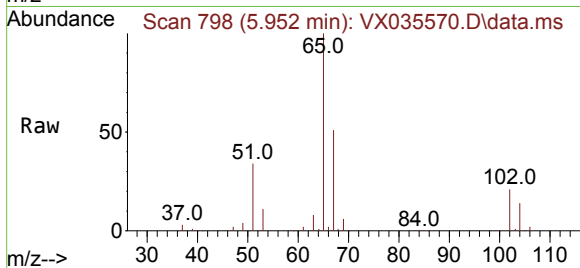
509

Tgt Ion: 65 Resp: 153825

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035570.D

Acq: 08 May 2023 19:08

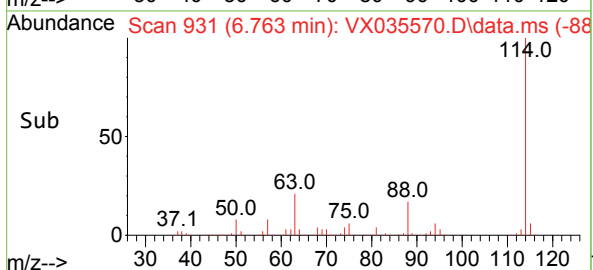
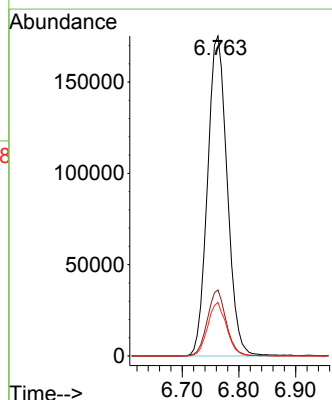
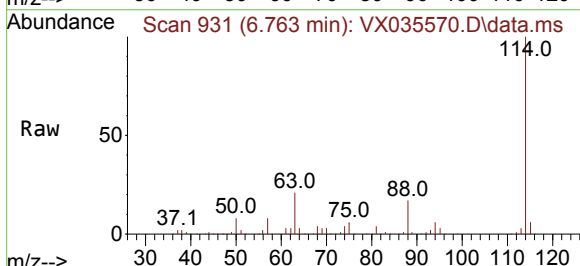
Tgt Ion: 114 Resp: 422472

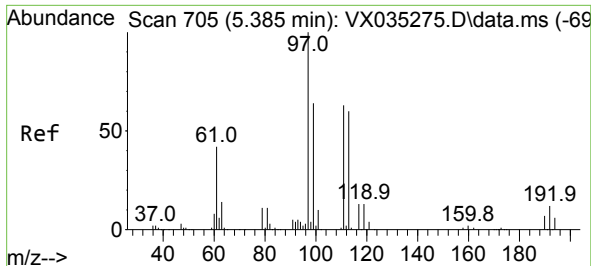
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.2

88 16.7 0.0 33.2

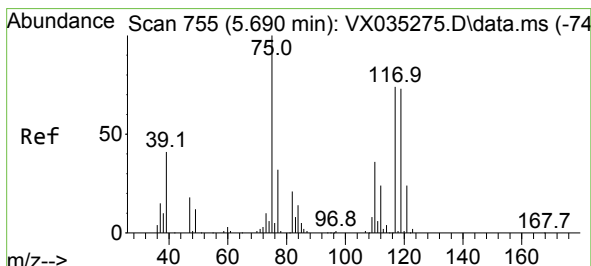
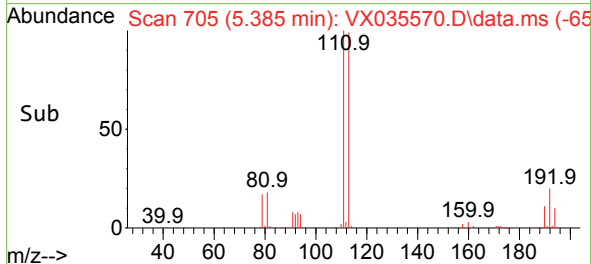
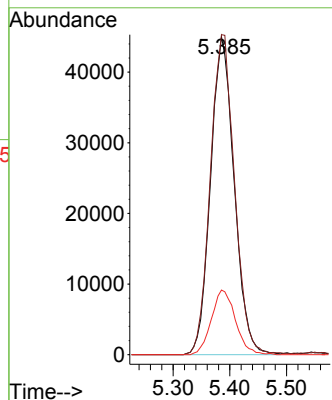
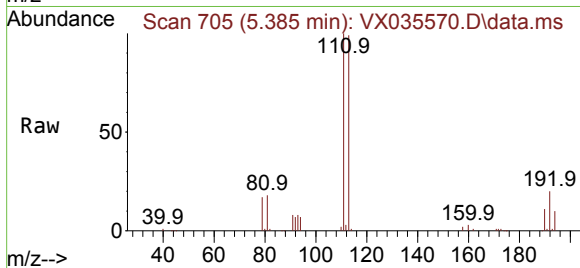




#35
Dibromofluoromethane
Concen: 50.092 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

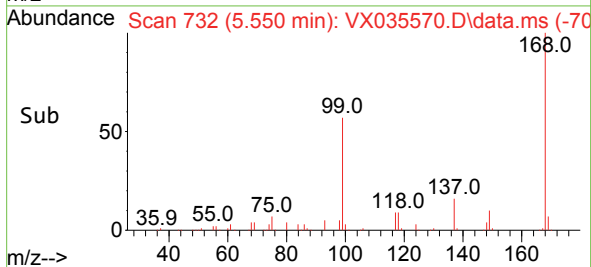
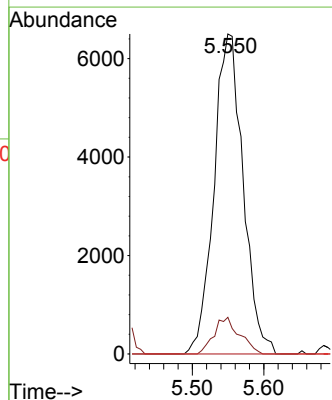
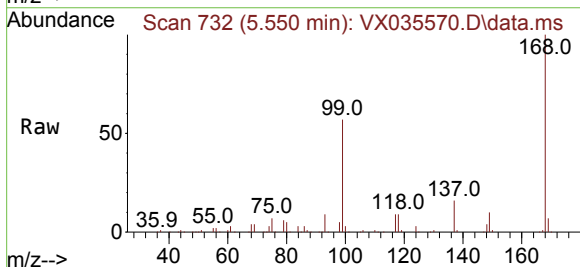
Instrument :
MSVOA_X
ClientSampleId :
509

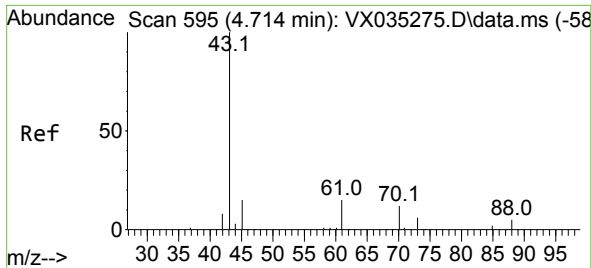
Tgt Ion:113 Resp: 129889
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 20.8 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.542 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

Tgt Ion: 75 Resp: 18388
Ion Ratio Lower Upper
75 100
110 10.0 17.5 52.5#
77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 10.802 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.007 min

Lab File: VX035570.D

Acq: 08 May 2023 19:08

Instrument :

MSVOA_X

ClientSampleId :

509

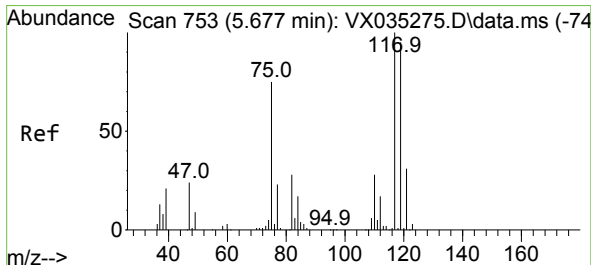
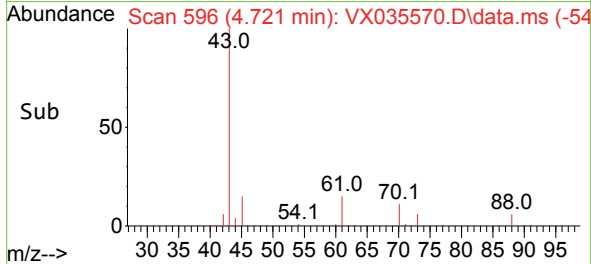
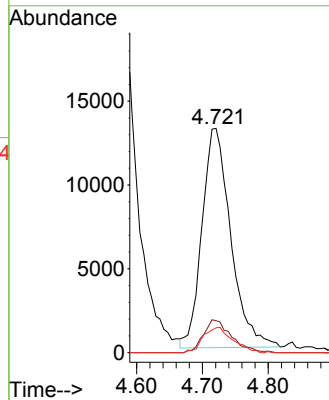
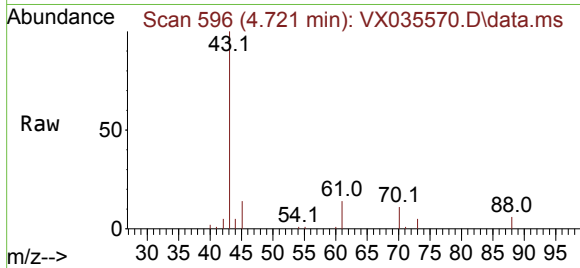
Tgt Ion: 43 Resp: 39944

Ion Ratio Lower Upper

43 100

61 14.6 10.2 15.4

70 11.7 8.2 12.4



#38

Carbon Tetrachloride

Concen: 6.705 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.121 min

Lab File: VX035570.D

Acq: 08 May 2023 19:08

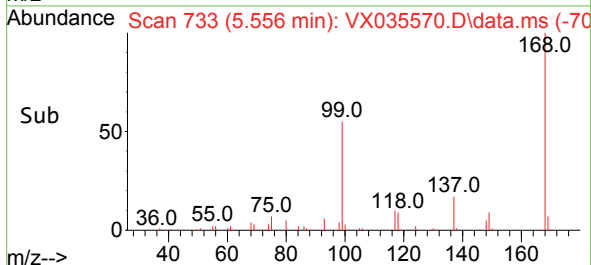
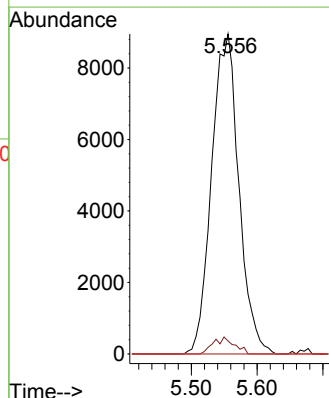
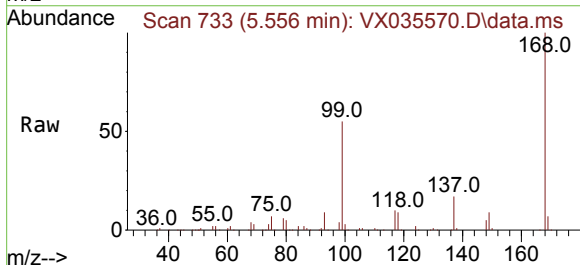
Tgt Ion: 117 Resp: 25770

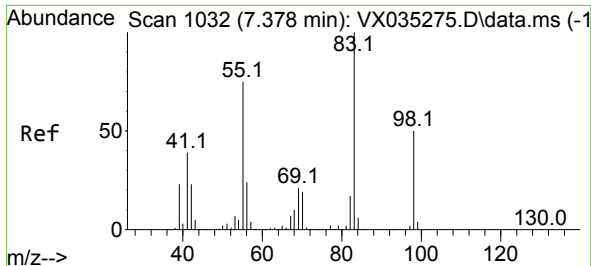
Ion Ratio Lower Upper

117 100

119 4.0 76.6 114.8#

121 0.0 23.8 35.6#





#39

Methylcyclohexane

Concen: 1.154 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX035570.D

Acq: 08 May 2023 19:08

Instrument :

MSVOA_X

ClientSampleId :

509

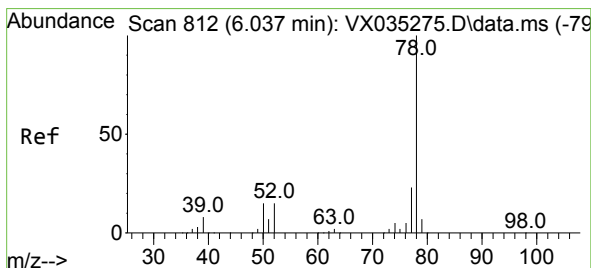
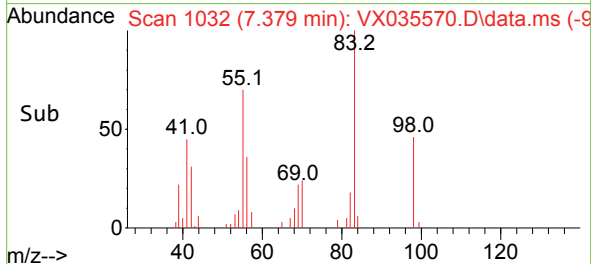
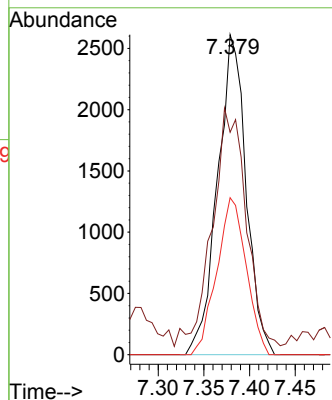
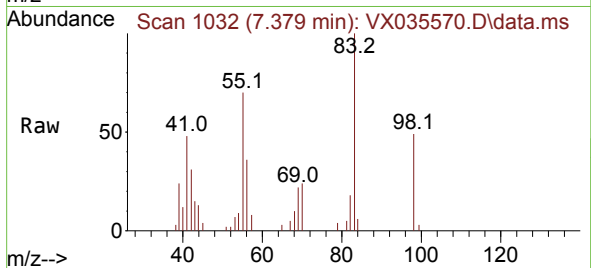
Tgt Ion: 83 Resp: 5685

Ion Ratio Lower Upper

83 100

55 66.7 60.5 90.7

98 49.0 40.4 60.6



#40

Benzene

Concen: 185.948 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX035570.D

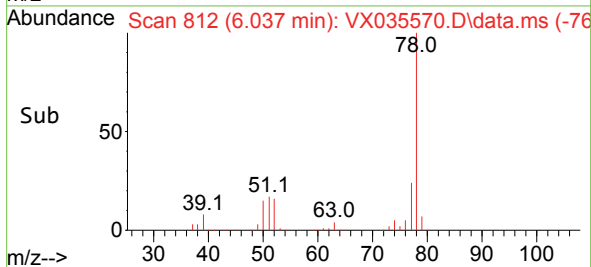
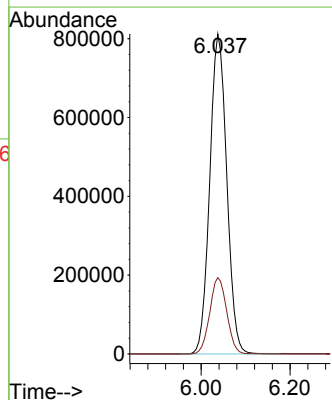
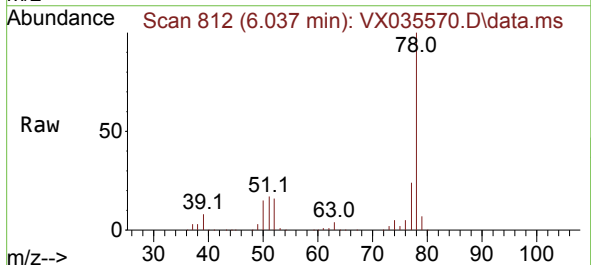
Acq: 08 May 2023 19:08

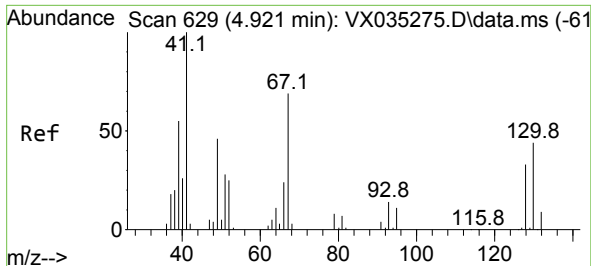
Tgt Ion: 78 Resp: 2159733

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.4

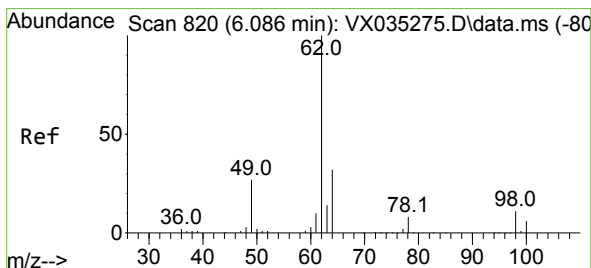
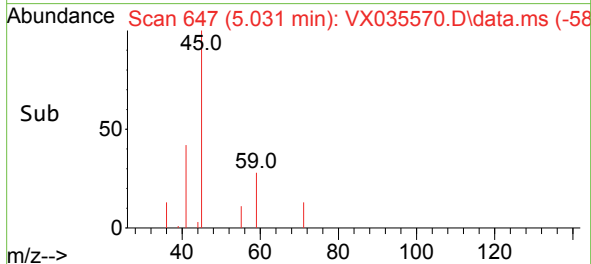
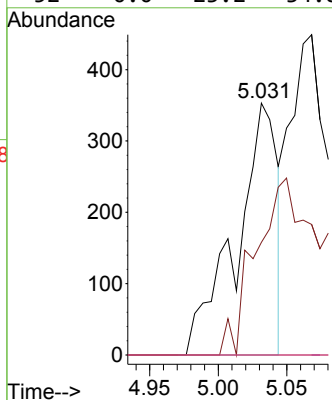
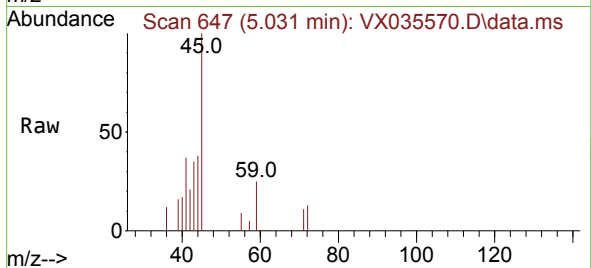




#41
Methacrylonitrile
Concen: 0.347 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.110 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

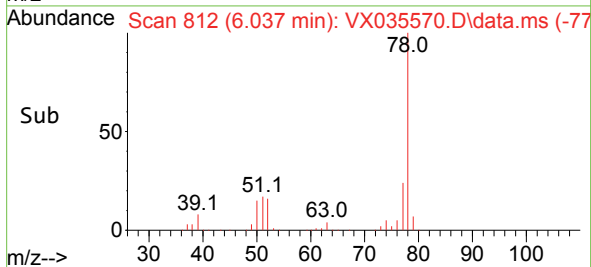
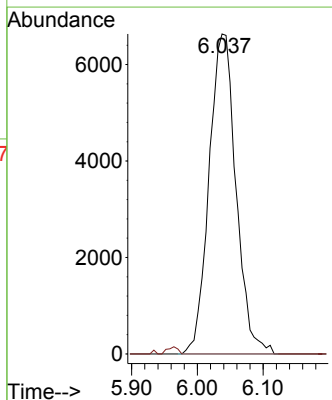
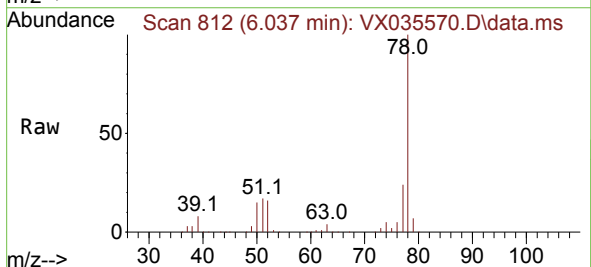
Instrument :
MSVOA_X
ClientSampleId :
509

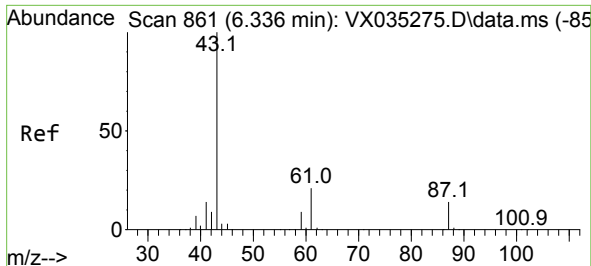
Tgt Ion:	41	Resp:	736
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.0	67.6#
67	0.0	55.6	83.4#
52	0.0	23.2	34.8#



#42
1,2-Dichloroethane
Concen: 4.567 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.049 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

Tgt Ion:	62	Resp:	18915
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.0

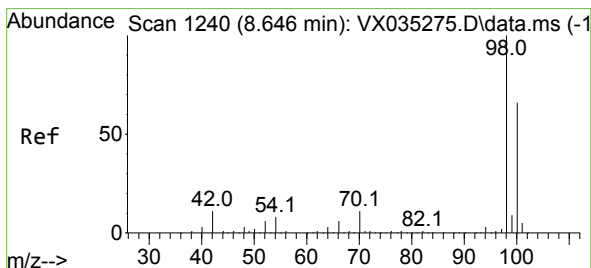
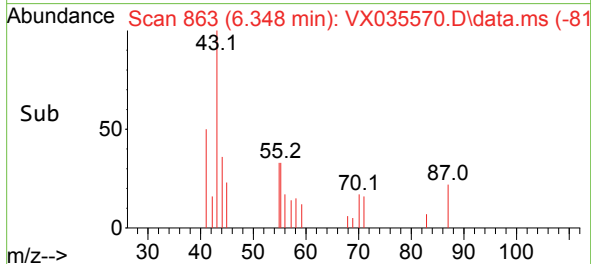
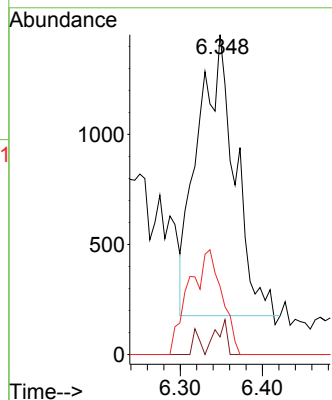
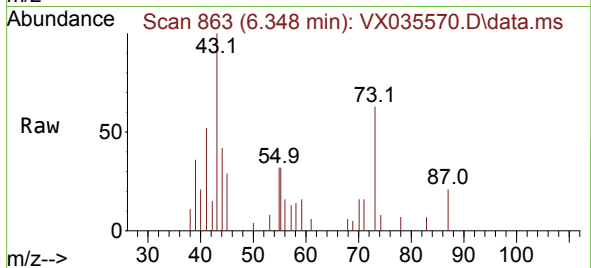




#43
Isopropyl Acetate
Concen: 0.643 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

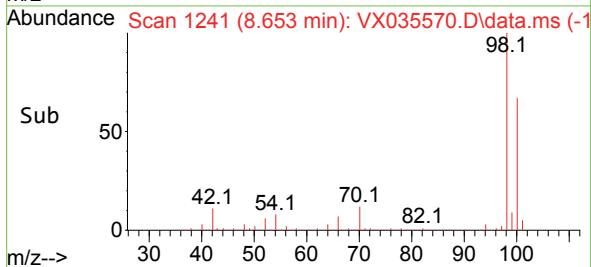
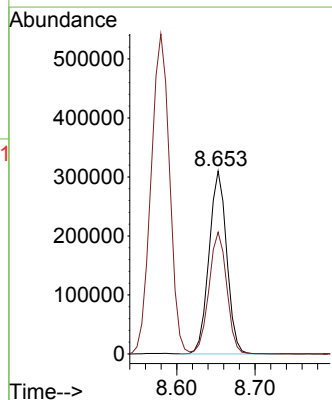
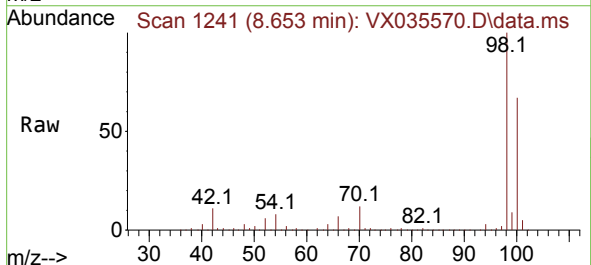
Instrument :
MSVOA_X
ClientSampleId :
509

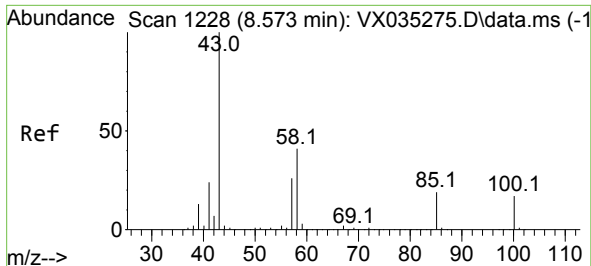
Tgt Ion: 43 Resp: 3995
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 33.2 9.8 14.8#



#50
Toluene-d8
Concen: 49.560 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

Tgt Ion: 98 Resp: 484781
Ion Ratio Lower Upper
98 100
100 67.2 52.5 78.7

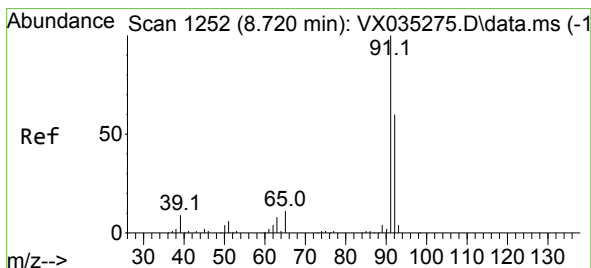
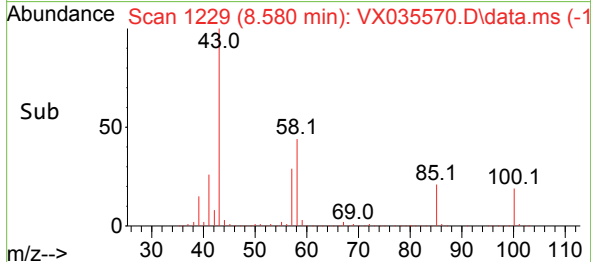
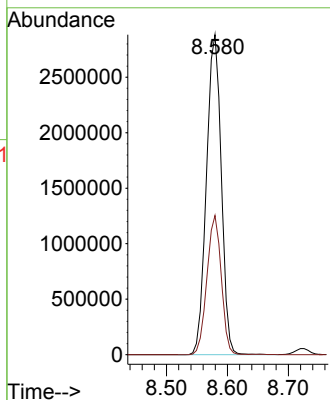
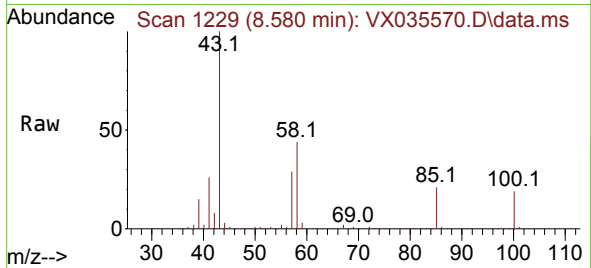




#51
4-Methyl-2-Pentanone
Concen: 1275.309 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.007 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

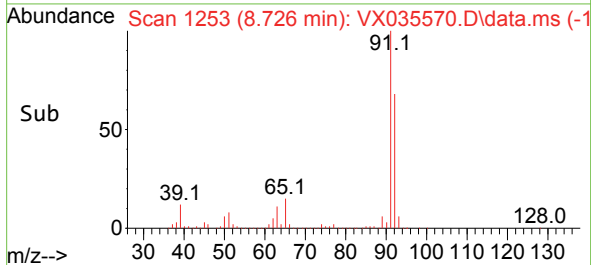
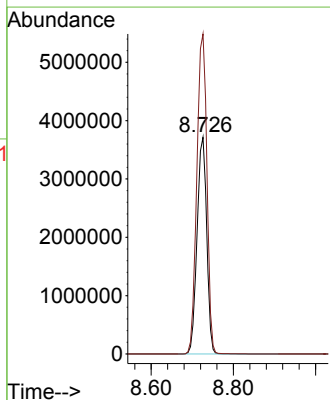
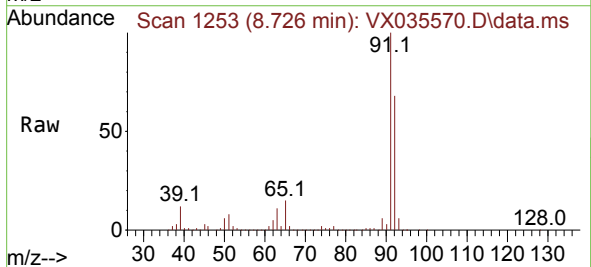
Instrument :
MSVOA_X
ClientSampleId :
509

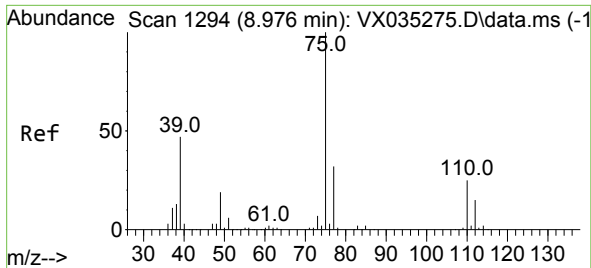
Tgt Ion: 43 Resp: 4868485
Ion Ratio Lower Upper
43 100
58 42.1 30.6 46.0



#52
Toluene
Concen: 818.887 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

Tgt Ion: 92 Resp: 6028850
Ion Ratio Lower Upper
92 100
91 154.6 136.8 205.2

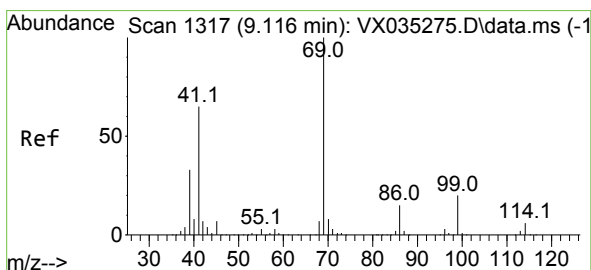
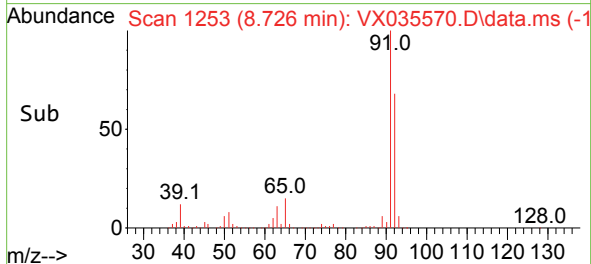
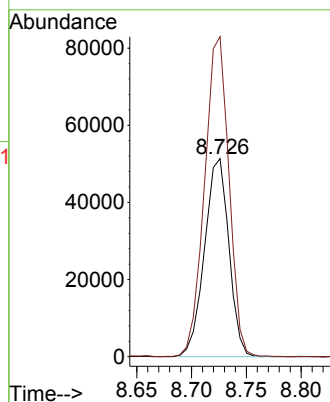
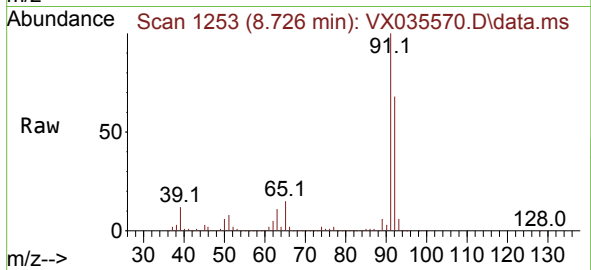




#53
t-1,3-Dichloropropene
Concen: 20.504 ug/l
RT: 8.726 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

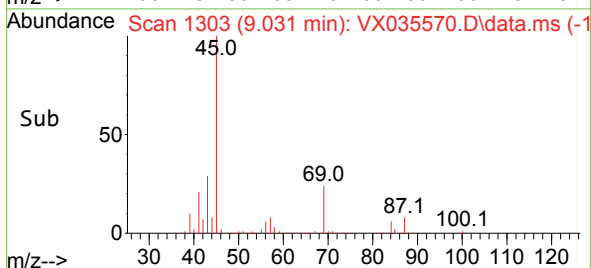
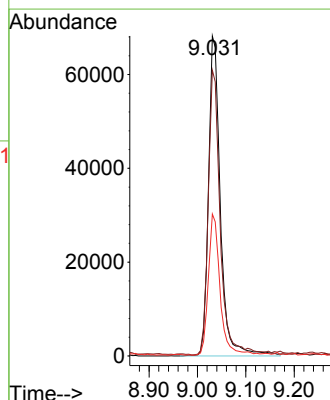
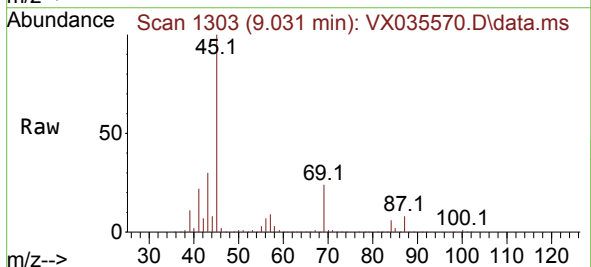
Instrument :
MSVOA_X
ClientSampleId :
509

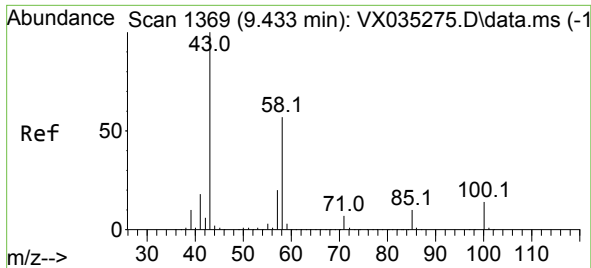
Tgt Ion: 75 Resp: 79335
Ion Ratio Lower Upper
75 100
77 161.4 25.4 38.2#



#56
Ethyl methacrylate
Concen: 26.760 ug/l
RT: 9.031 min Scan# 1303
Delta R.T. -0.085 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

Tgt Ion: 69 Resp: 116998
Ion Ratio Lower Upper
69 100
41 89.6 57.4 86.0#
39 43.4 33.7 50.5

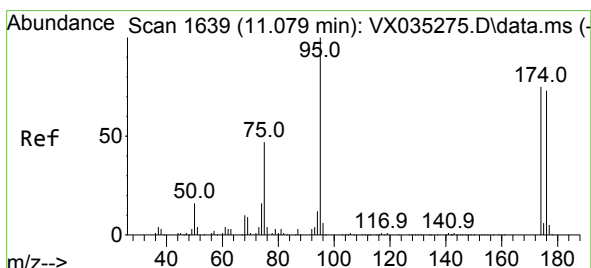
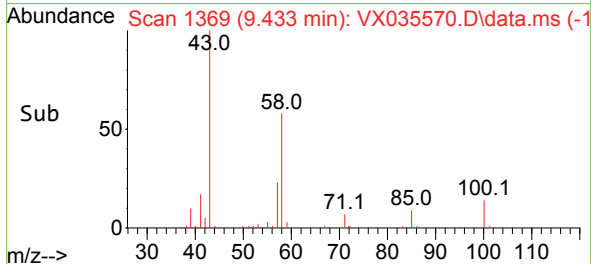
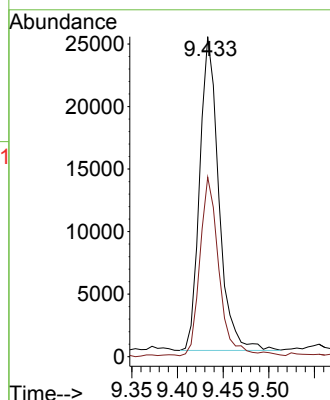
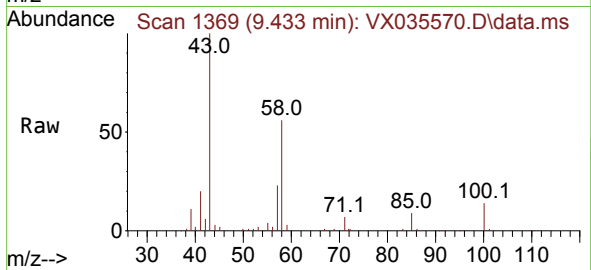




#59
2-Hexanone
Concen: 12.715 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

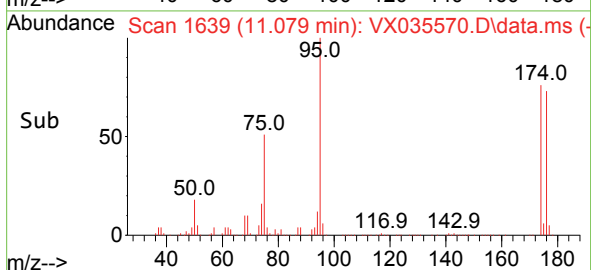
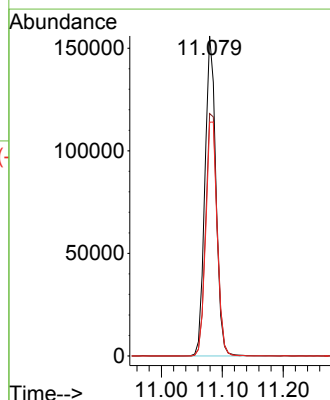
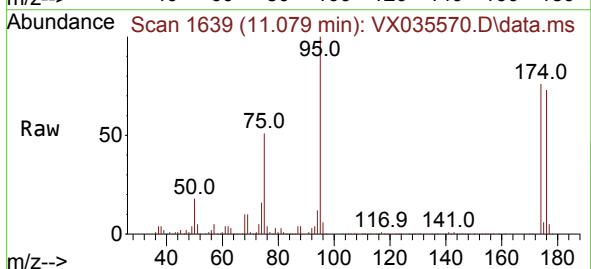
Instrument :
MSVOA_X
ClientSampleId :
509

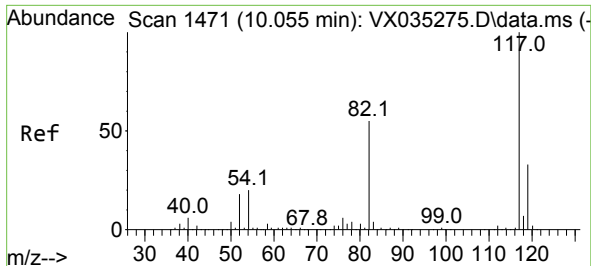
Tgt Ion: 43 Resp: 36465
Ion Ratio Lower Upper
43 100
58 55.7 26.3 78.9



#62
4-Bromofluorobenzene
Concen: 53.011 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

Tgt Ion: 95 Resp: 195065
Ion Ratio Lower Upper
95 100
174 79.7 0.0 147.4
176 76.7 0.0 140.6

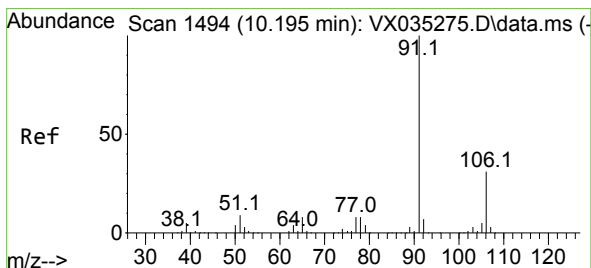
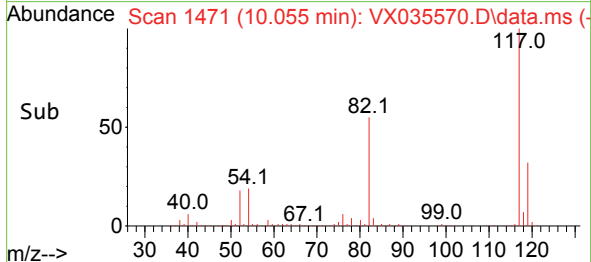
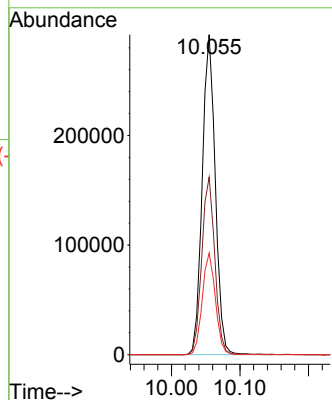
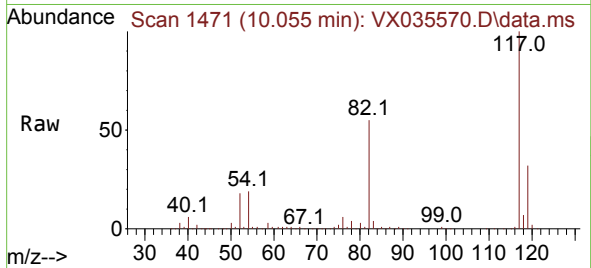




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

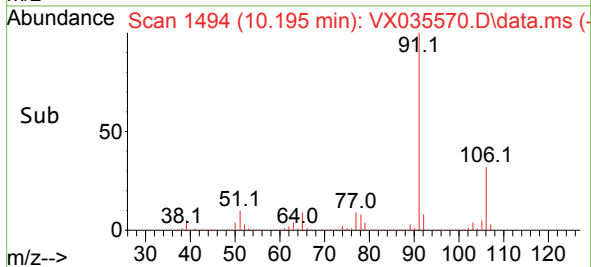
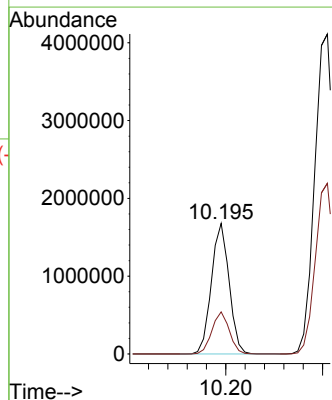
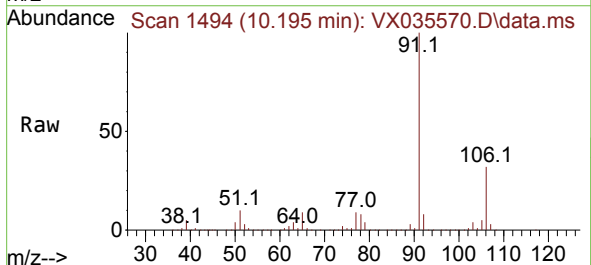
Instrument :
MSVOA_X
ClientSampleId :
509

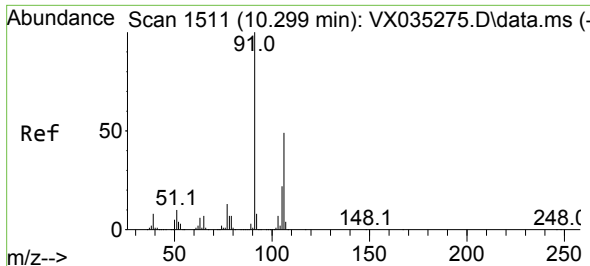
Tgt Ion:117 Resp: 387145
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.4
119 31.8 26.0 39.0



#67
Ethyl Benzene
Concen: 147.247 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

Tgt Ion: 91 Resp: 2135874
Ion Ratio Lower Upper
91 100
106 32.3 25.6 38.4

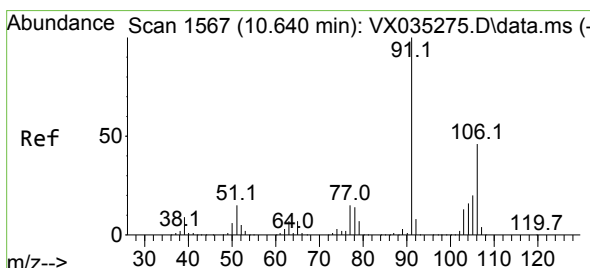
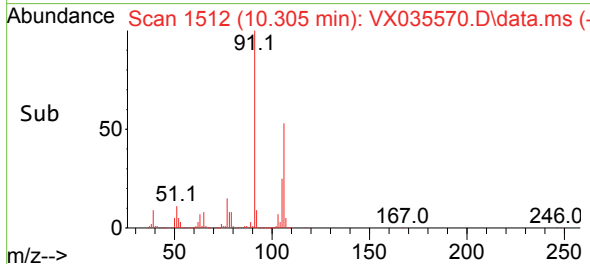
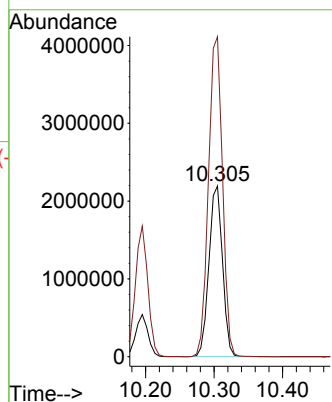
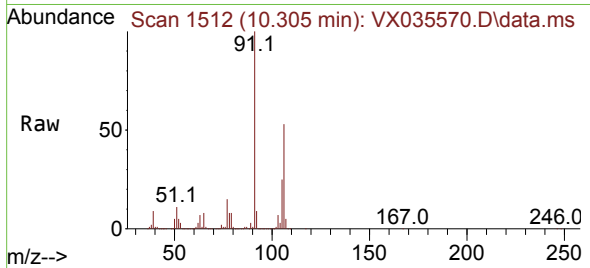




#68
m/p-Xylenes
Concen: 544.278 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

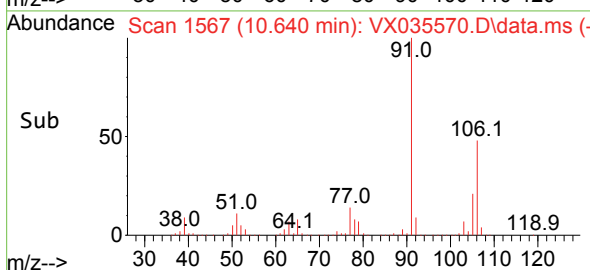
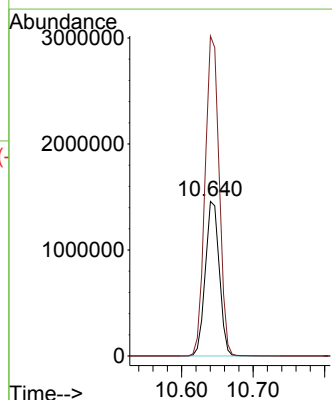
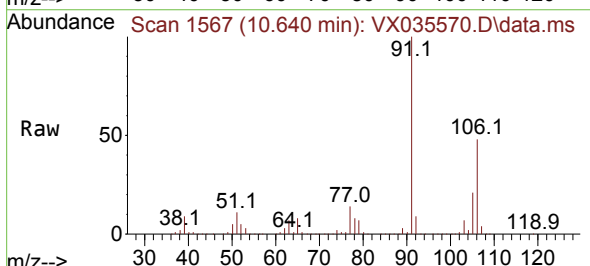
Instrument :
MSVOA_X
ClientSampleId :
509

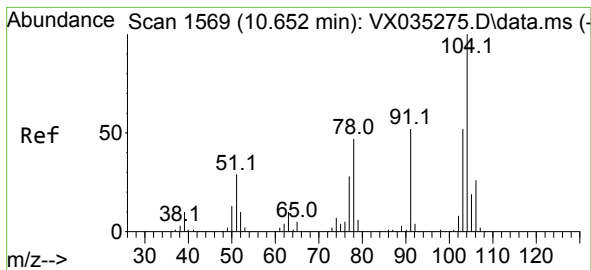
Tgt Ion:106 Resp: 3025187
Ion Ratio Lower Upper
106 100
91 193.9 164.0 246.0



#69
o-Xylene
Concen: 363.341 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

Tgt Ion:106 Resp: 1980329
Ion Ratio Lower Upper
106 100
91 209.2 108.5 325.3





#70

Styrene

Concen: 12.044 ug/l

RT: 10.646 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX035570.D

Acq: 08 May 2023 19:08

Instrument :

MSVOA_X

ClientSampleId :

509

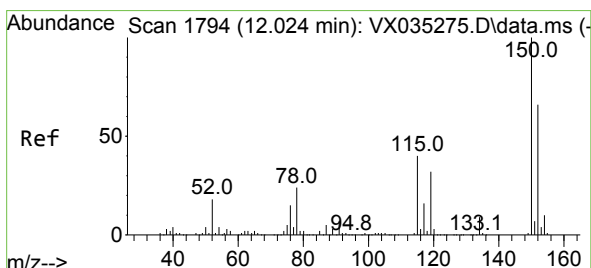
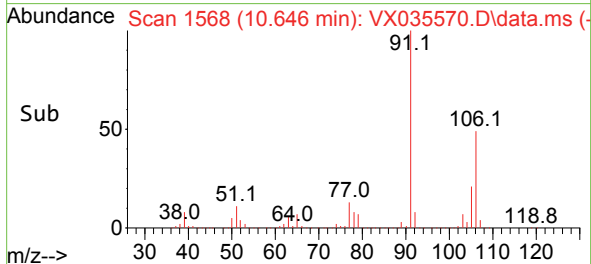
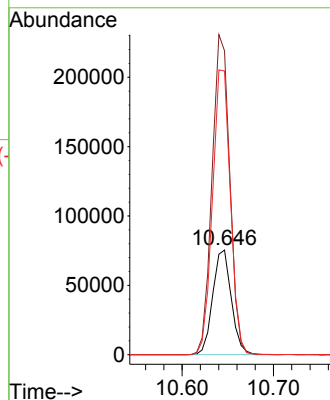
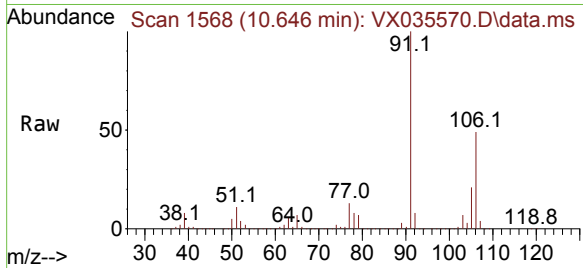
Tgt Ion:104 Resp: 106438

Ion Ratio Lower Upper

104 100

78 292.1 43.4 65.2#

103 263.7 44.2 66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035570.D

Acq: 08 May 2023 19:08

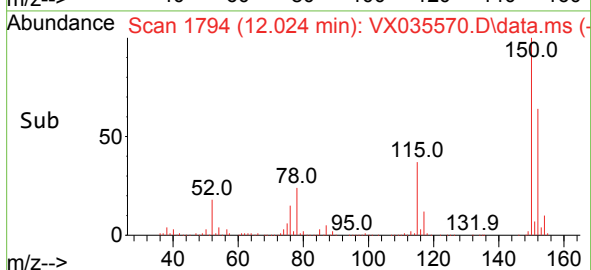
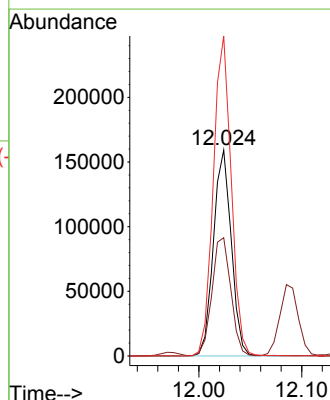
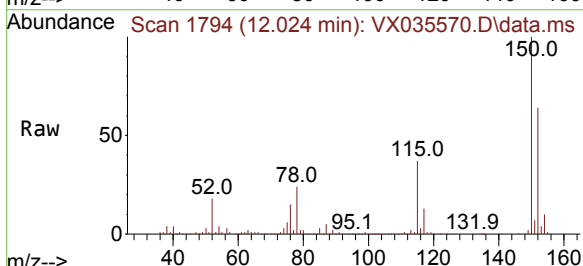
Tgt Ion:152 Resp: 191499

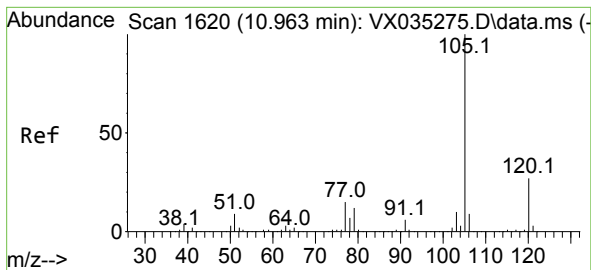
Ion Ratio Lower Upper

152 100

115 60.4 45.0 135.0

150 156.0 0.0 352.4





#73

Isopropylbenzene

Concen: 13.450 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035570.D

Acq: 08 May 2023 19:08

Instrument :

MSVOA_X

ClientSampleId :

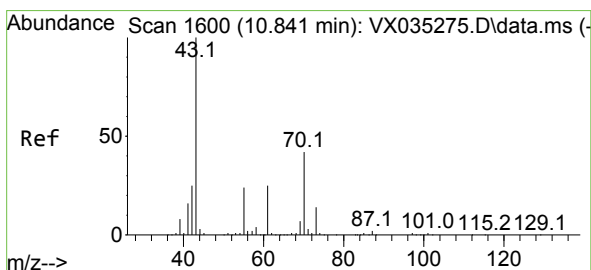
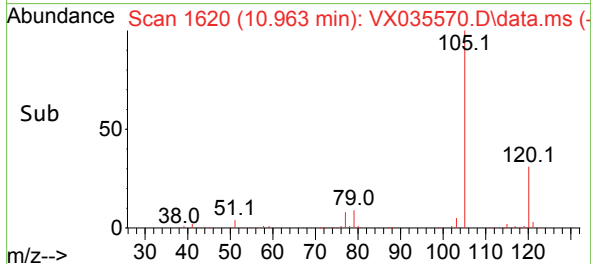
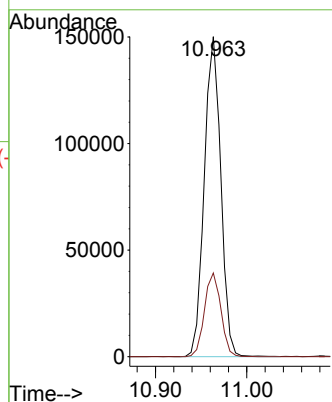
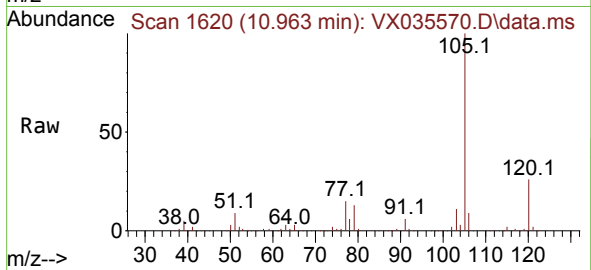
509

Tgt Ion:105 Resp: 188285

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.9



#74

N-ethyl acetate

Concen: 0.506 ug/l

RT: 10.884 min Scan# 1607

Delta R.T. 0.043 min

Lab File: VX035570.D

Acq: 08 May 2023 19:08

Tgt Ion: 43 Resp: 2661

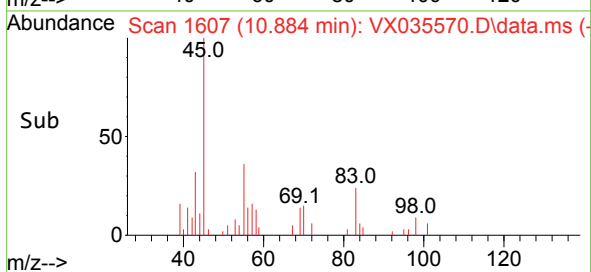
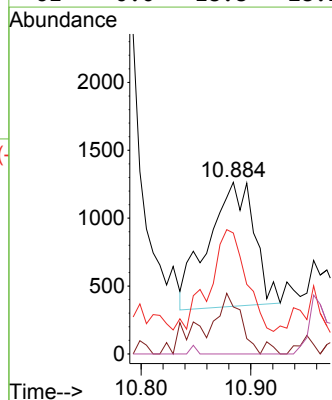
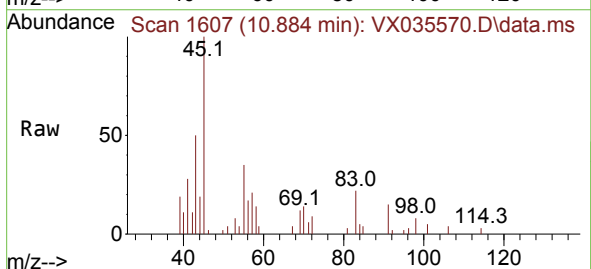
Ion Ratio Lower Upper

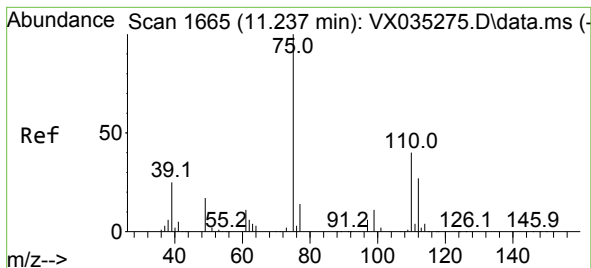
43 100

70 25.1 32.1 48.1#

55 64.9 18.3 27.5#

61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 5.309 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. 0.141 min

Lab File: VX035570.D

Acq: 08 May 2023 19:08

Instrument :

MSVOA_X

ClientSampleId :

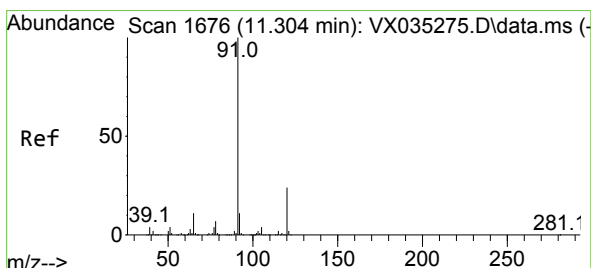
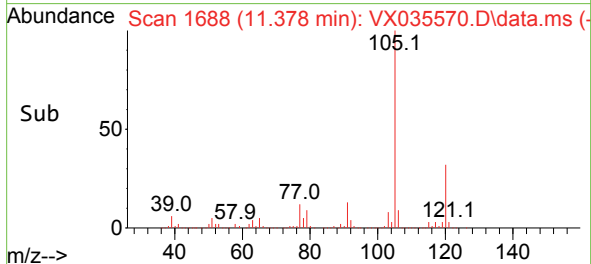
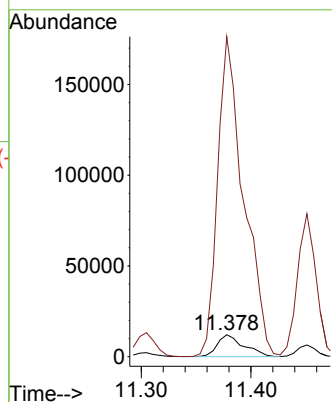
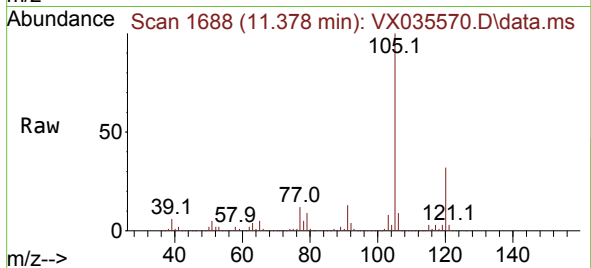
509

Tgt Ion: 75 Resp: 20279

Ion Ratio Lower Upper

75 100

77 1437.6 21.6 64.8#



#78

n-propylbenzene

Concen: 24.349 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.001 min

Lab File: VX035570.D

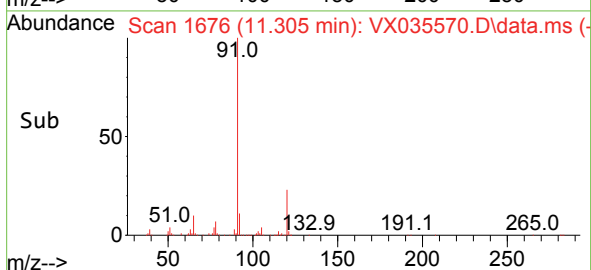
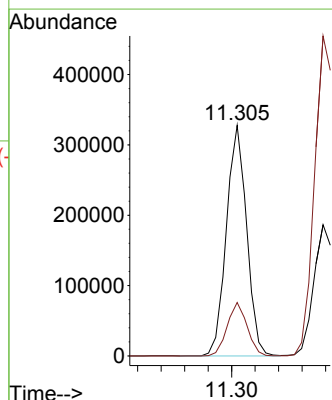
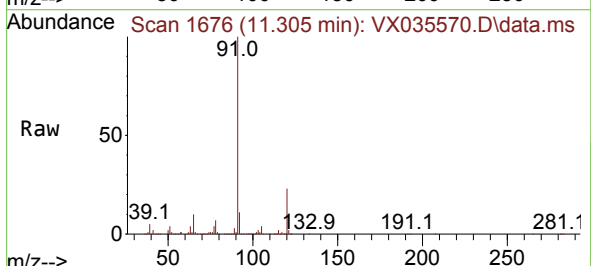
Acq: 08 May 2023 19:08

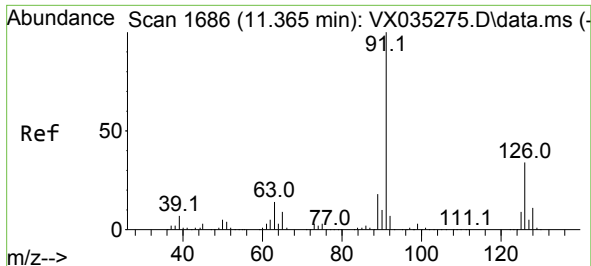
Tgt Ion: 91 Resp: 391462

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.5





#79

2-Chlorotoluene

Concen: 30.005 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.013 min

Lab File: VX035570.D

Acq: 08 May 2023 19:08

Instrument :

MSVOA_X

ClientSampleId :

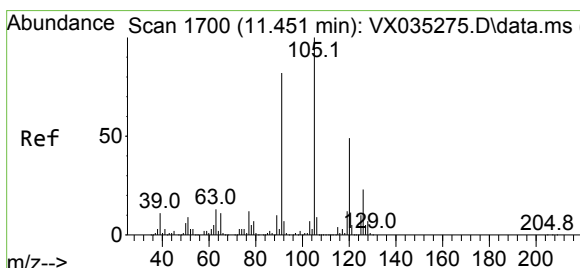
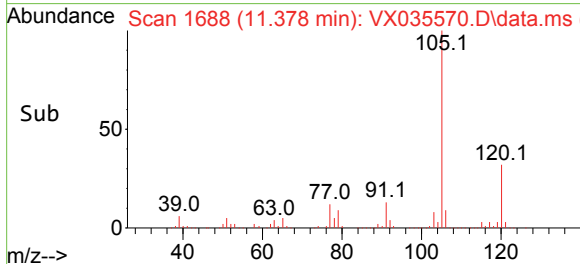
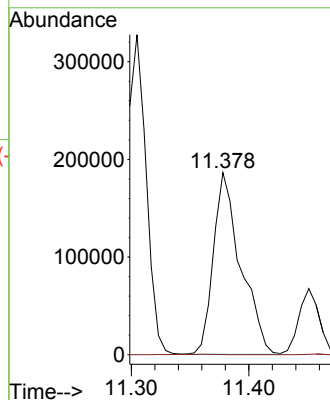
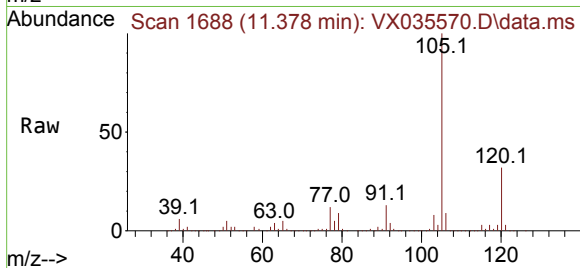
509

Tgt Ion: 91 Resp: 301435

Ion Ratio Lower Upper

91 100

126 0.3 16.3 48.9#



#80

1,3,5-Trimethylbenzene

Concen: 63.290 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035570.D

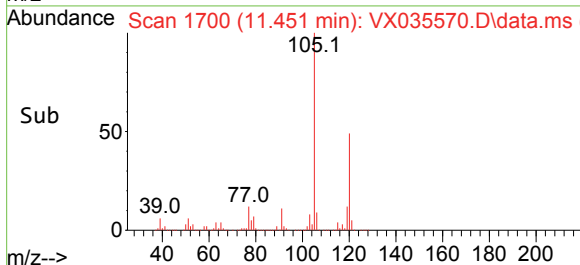
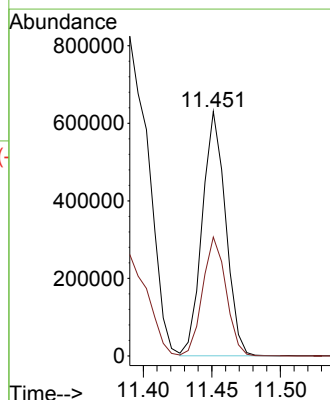
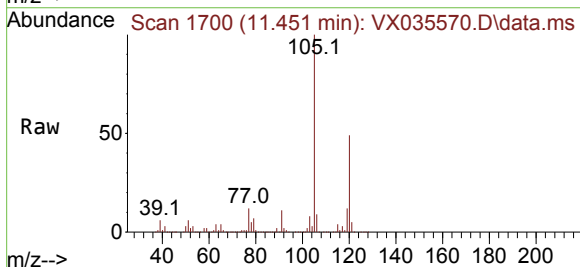
Acq: 08 May 2023 19:08

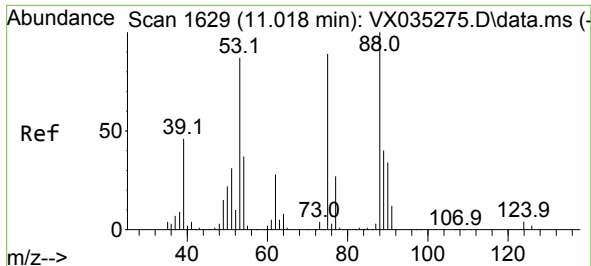
Tgt Ion:105 Resp: 747027

Ion Ratio Lower Upper

105 100

120 48.7 23.7 71.1

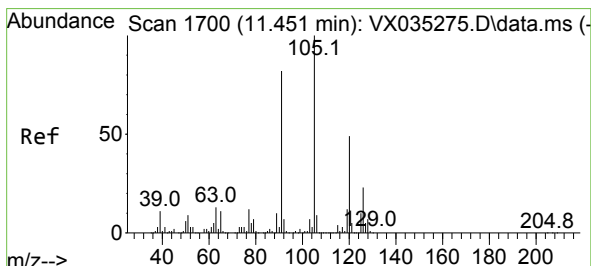
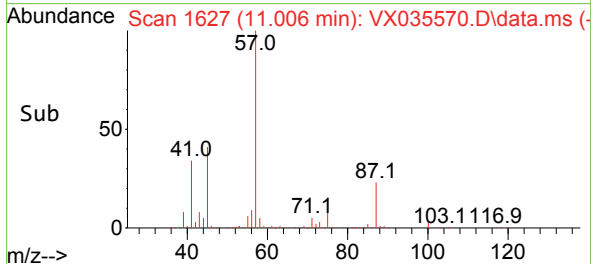
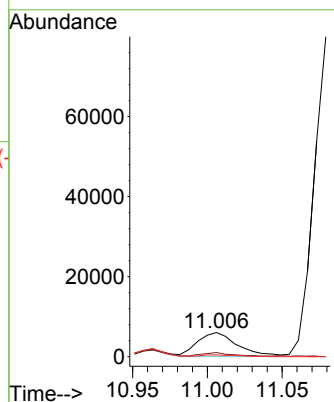
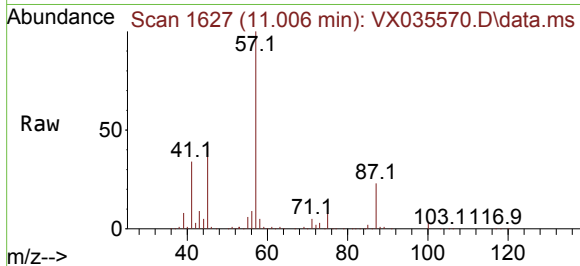




#81
trans-1,4-Dichloro-2-butene
Concen: 9.467 ug/l
RT: 11.006 min Scan# 11166
Delta R.T. -0.012 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

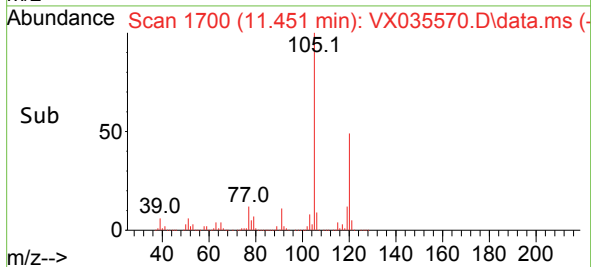
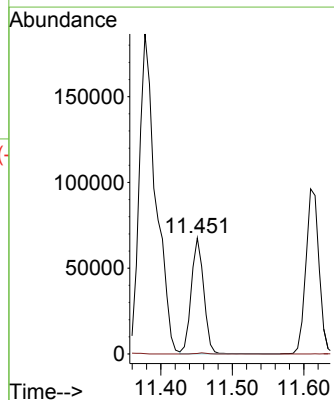
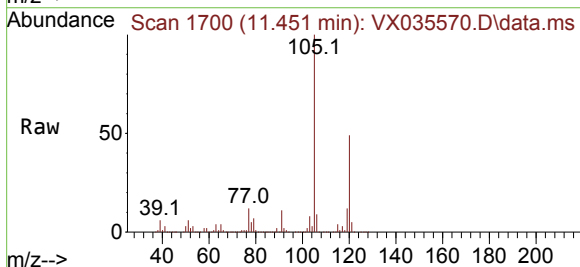
Instrument : MSVOA_X
ClientSampleId : 509

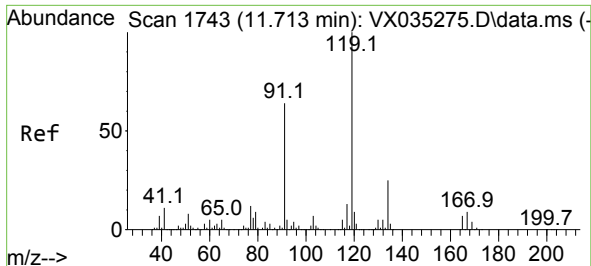
Tgt Ion: 75 Resp: 11166
Ion Ratio Lower Upper
75 100
53 14.9 82.6 124.0#
89 6.8 36.9 55.3#



#82
4-Chlorotoluene
Concen: 7.263 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035570.D
Acq: 08 May 2023 19:08

Tgt Ion: 91 Resp: 81951
Ion Ratio Lower Upper
91 100
126 0.7 14.2 42.6#

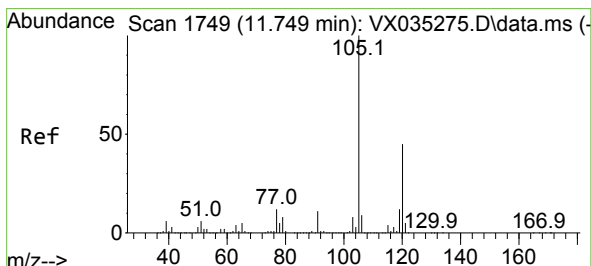
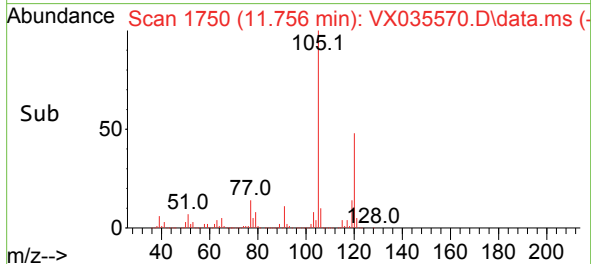
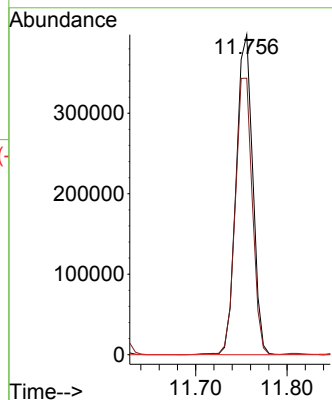
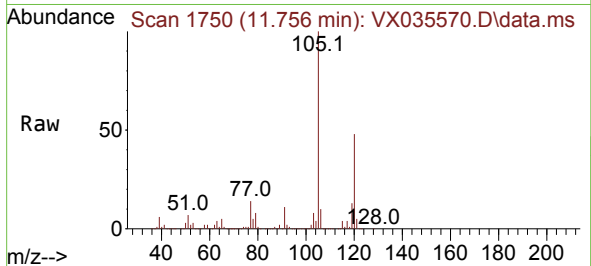




#83
 tert-Butylbenzene
 Concen: 42.078 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.043 min
 Lab File: VX035570.D
 Acq: 08 May 2023 19:08

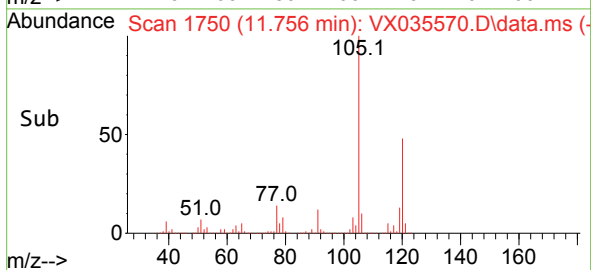
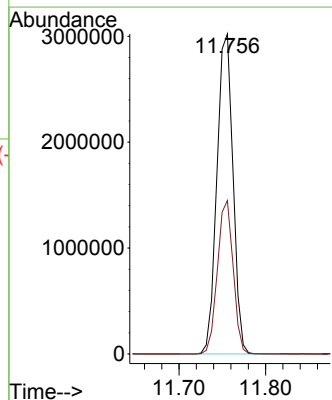
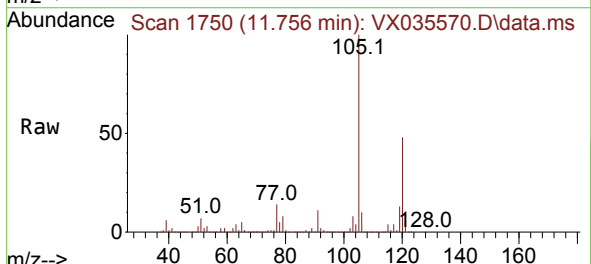
Instrument :
 MSVOA_X
 ClientSampleId :
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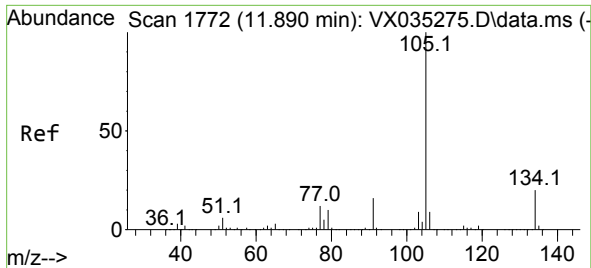
Tgt Ion:119 Resp: 498336
 Ion Ratio Lower Upper
 119 100
 91 88.7 30.6 92.0
 134 0.0 11.8 35.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 328.496 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.007 min
 Lab File: VX035570.D
 Acq: 08 May 2023 19:08

Tgt Ion:105 Resp: 3895857
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.4 67.0

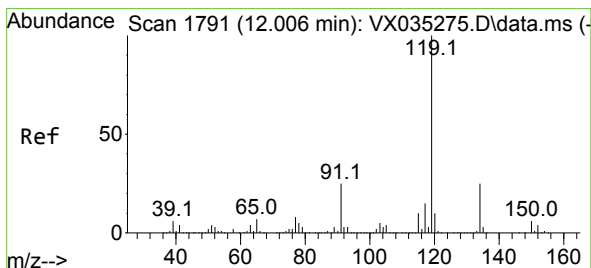
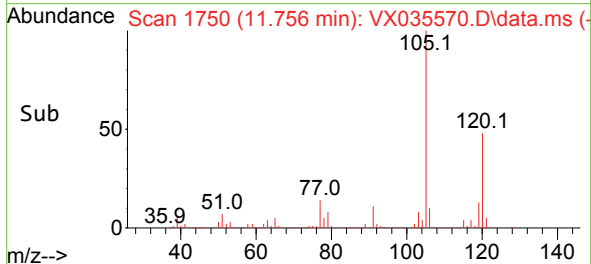
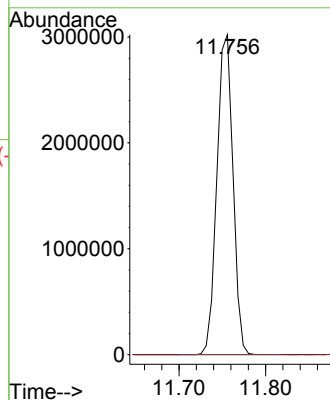
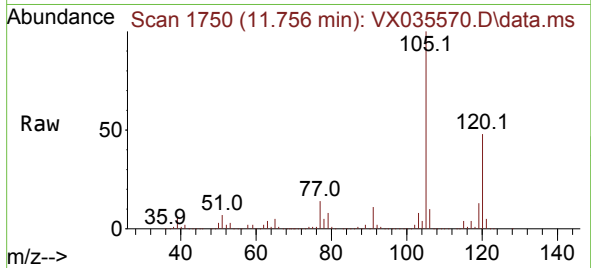




#85
 sec-Butylbenzene
 Concen: 268.183 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.134 min
 Lab File: VX035570.D
 Acq: 08 May 2023 19:08

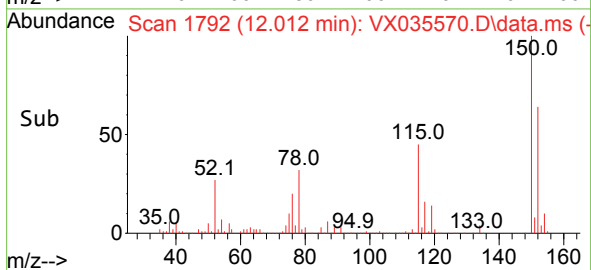
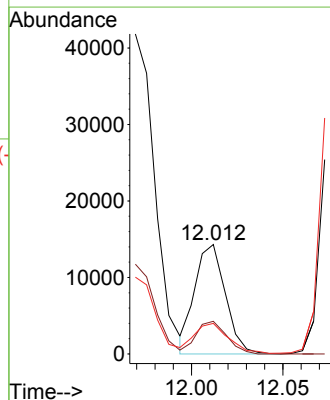
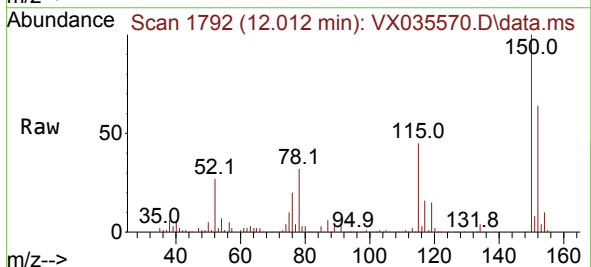
Instrument :
 MSVOA_X
 ClientSampleId :
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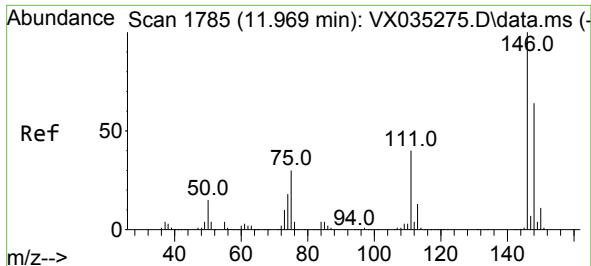
Tgt Ion:105 Resp: 3895857
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 1.351 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035570.D
 Acq: 08 May 2023 19:08

Tgt Ion:119 Resp: 16694
 Ion Ratio Lower Upper
 119 100
 134 29.9 13.2 39.5
 91 0.0 12.9 38.7#





#87

1,3-Dichlorobenzene

Concen: 0.235 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035570.D

Acq: 08 May 2023 19:08

Instrument :

MSVOA_X

ClientSampleId :

509

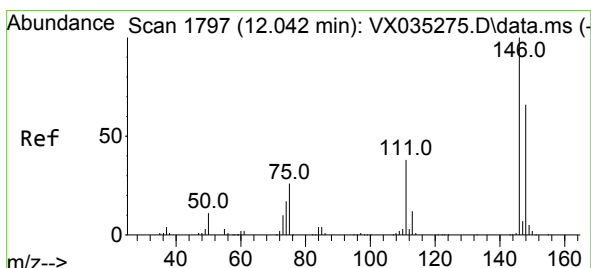
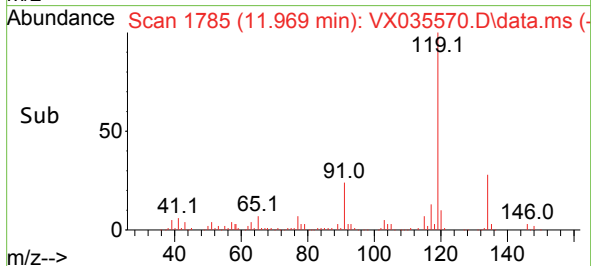
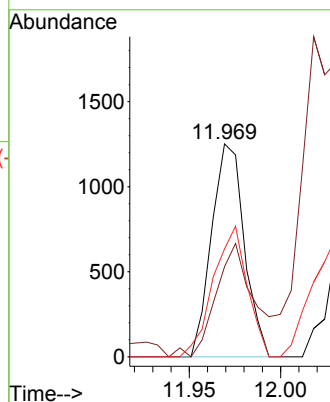
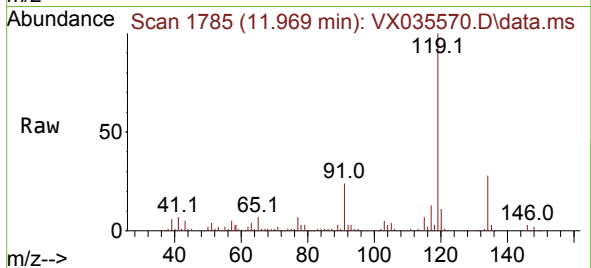
Tgt Ion:146 Resp: 1555

Ion Ratio Lower Upper

146 100

111 61.2 20.9 62.8

148 63.9 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.224 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX035570.D

Acq: 08 May 2023 19:08

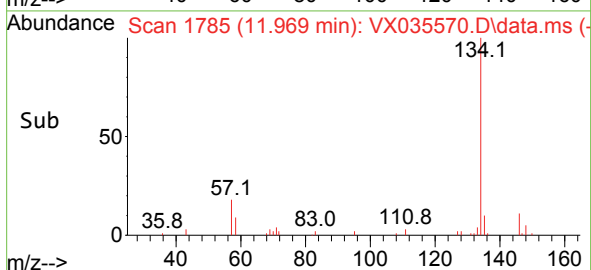
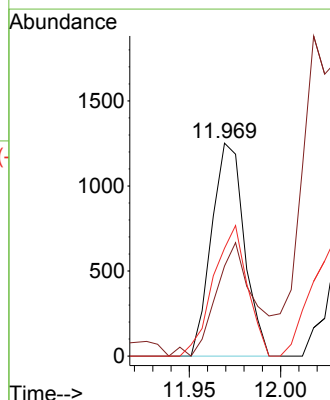
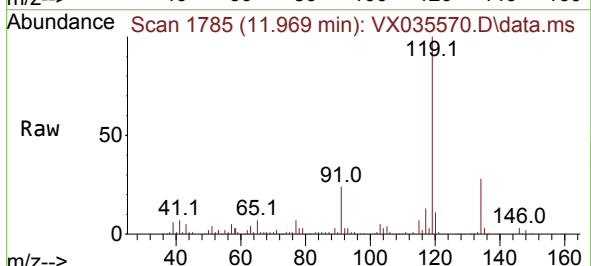
Tgt Ion:146 Resp: 1555

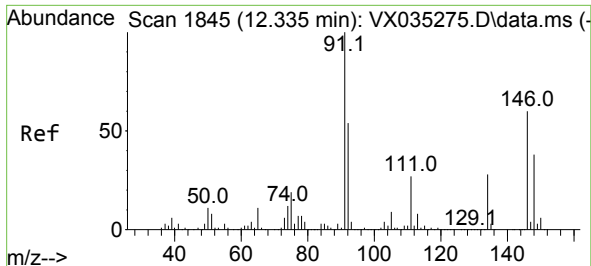
Ion Ratio Lower Upper

146 100

111 61.2 20.6 61.9

148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 8.163 ug/l

RT: 12.323 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX035570.D

Acq: 08 May 2023 19:08

Instrument :

MSVOA_X

ClientSampleId :

509

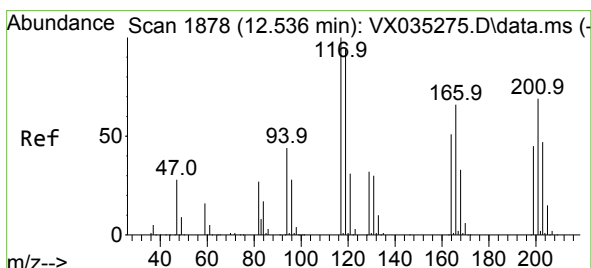
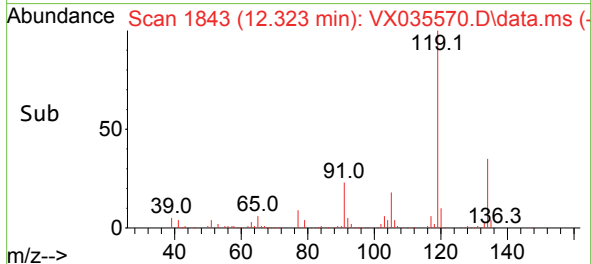
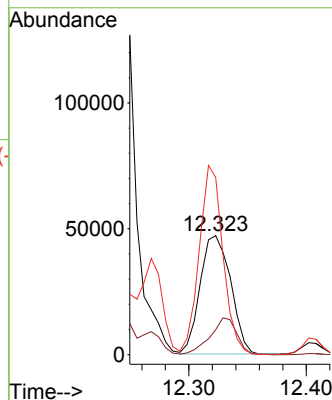
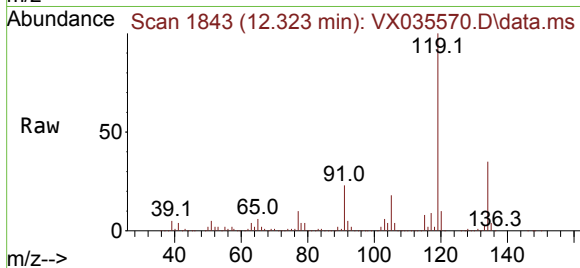
Tgt Ion: 91 Resp: 85138

Ion Ratio Lower Upper

91 100

92 27.1 27.7 83.0#

134 124.2 13.0 38.9#



#90

Hexachloroethane

Concen: 20.774 ug/l

RT: 12.615 min Scan# 1891

Delta R.T. 0.079 min

Lab File: VX035570.D

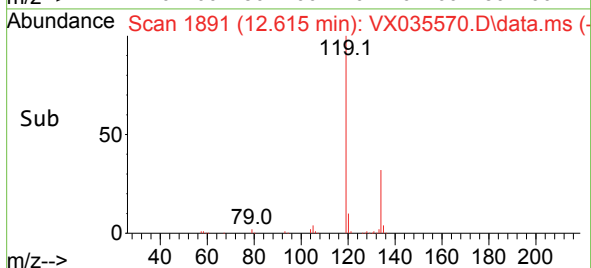
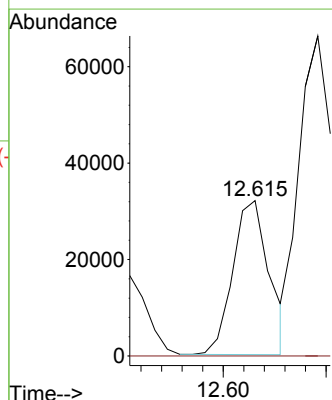
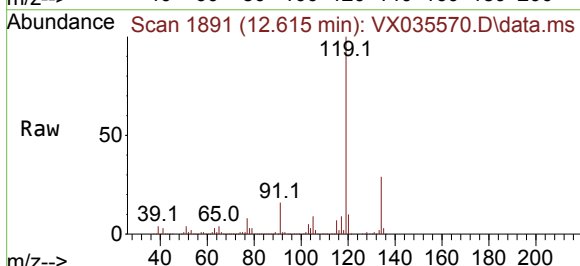
Acq: 08 May 2023 19:08

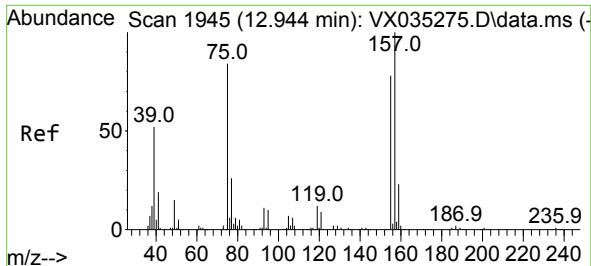
Tgt Ion:117 Resp: 39290

Ion Ratio Lower Upper

117 100

201 0.0 34.4 103.1#

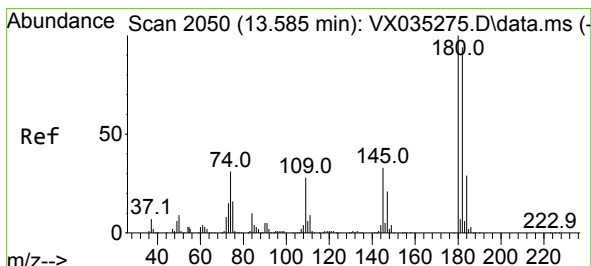
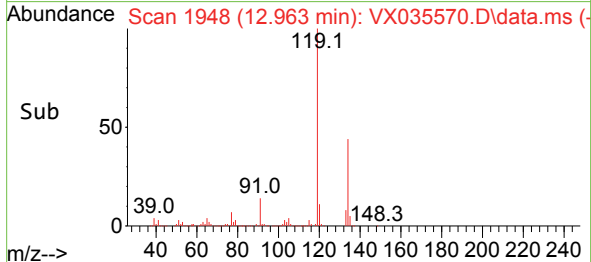
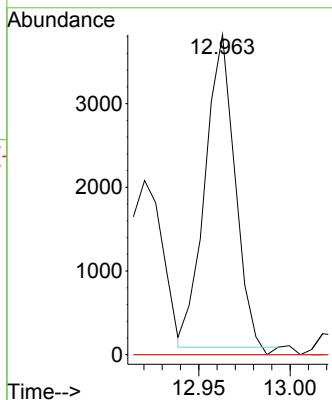
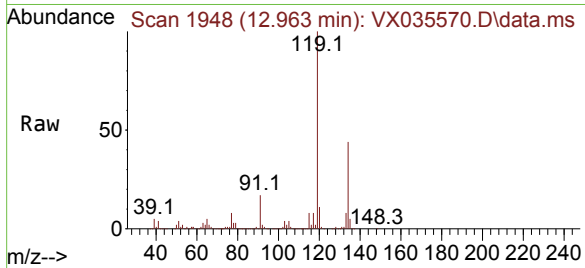




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.821 ug/l
 RT: 12.963 min Scan# 1948
 Delta R.T. 0.019 min
 Lab File: VX035570.D
 Acq: 08 May 2023 19:08

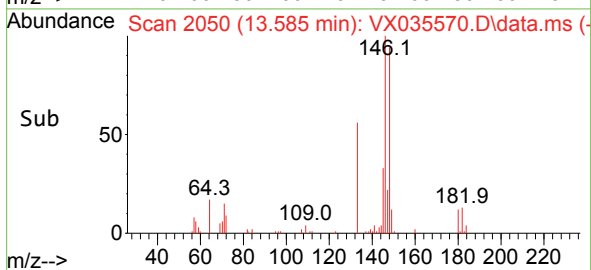
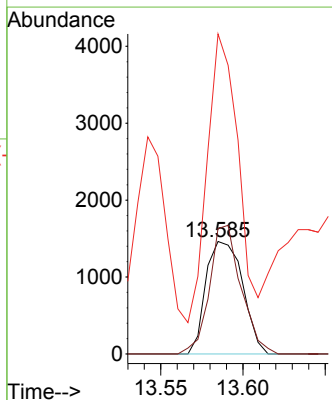
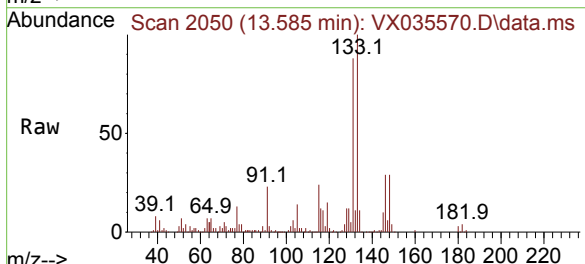
Instrument :
 MSVOA_X
 ClientSampleId :
 509

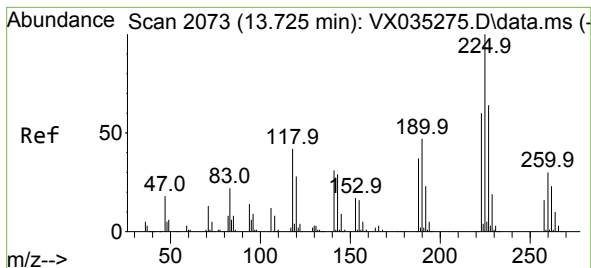
Tgt Ion: 75 Resp: 4200
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.4 115.1#
 157 0.0 49.9 149.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.546 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX035570.D
 Acq: 08 May 2023 19:08

Tgt Ion: 180 Resp: 2269
 Ion Ratio Lower Upper
 180 100
 182 98.2 47.0 141.0
 145 251.0 15.9 47.7#





#94

Hexachlorobutadiene

Concen: 0.472 ug/l

RT: 13.731 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VX035570.D

Acq: 08 May 2023 19:08

Instrument :

MSVOA_X

ClientSampleId :

509

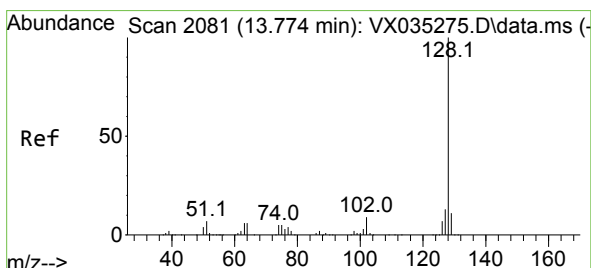
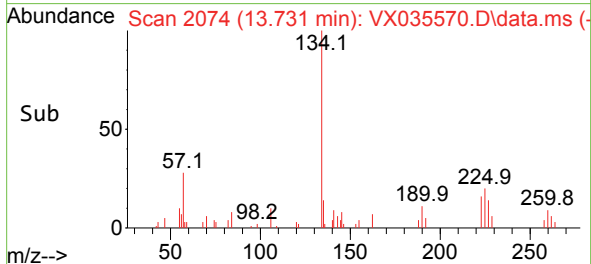
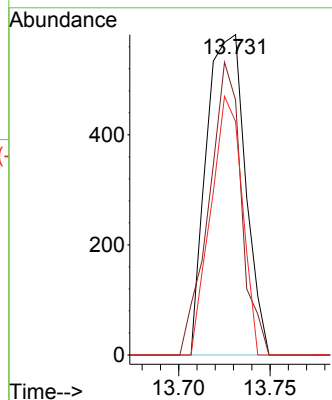
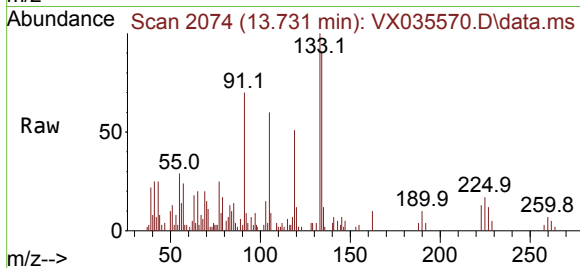
Tgt Ion:225 Resp: 862

Ion Ratio Lower Upper

225 100

223 76.3 32.1 96.5

227 64.8 31.8 95.4



#95

Naphthalene

Concen: 284.695 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035570.D

Acq: 08 May 2023 19:08

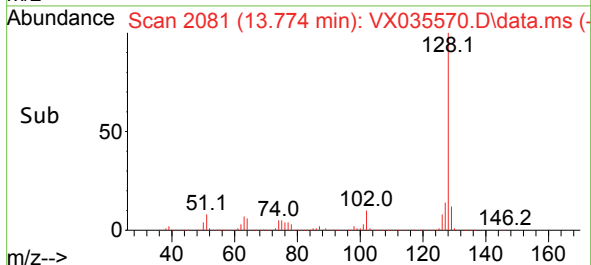
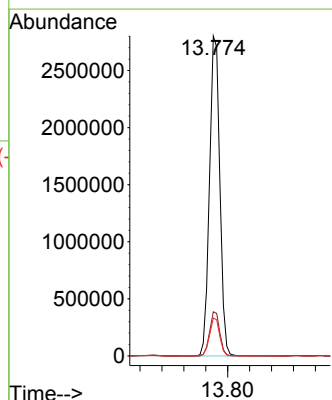
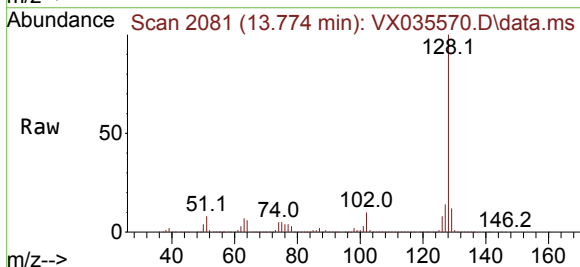
Tgt Ion:128 Resp: 3643638

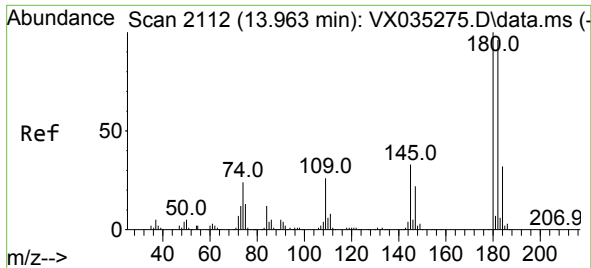
Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

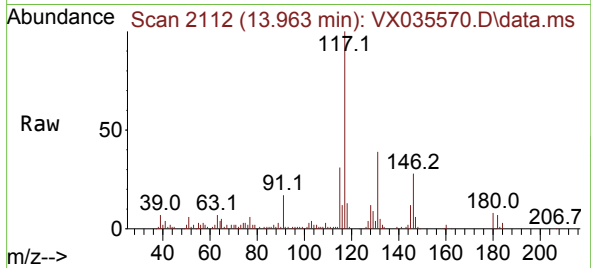
129 11.6 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.473 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX035570.D
 Acq: 08 May 2023 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 509



Tgt Ion:180 Resp: 1978
 Ion Ratio Lower Upper
 180 100
 182 90.7 48.0 144.2
 145 216.5 17.7 53.1#

