

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042123\
 Data File : VX035231.D
 Acq On : 21 Apr 2023 15:16
 Operator : JC/MD
 Sample : 02429-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 230419084-02-VOA

Quant Time: Apr 22 01:05:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	257274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	428222	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	384379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156422	39.755	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.520%
35) Dibromofluoromethane	5.391	113	130688	46.141	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.280%
50) Toluene-d8	8.647	98	506961	48.493	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.980%
62) 4-Bromofluorobenzene	11.079	95	186835	46.183	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1285	0.501	ug/l	94
4) Vinyl Chloride	1.374	62	1150	0.362	ug/l	95
6) Chloroethane	1.691	64	1445	0.698	ug/l	97
8) Diethyl Ether	2.130	74	20723	11.494	ug/l	98
11) Tert butyl alcohol	2.995	59	169440	245.443	ug/l	99
13) Acrolein	2.239	56	215	0.303	ug/l #	1
14) Allyl chloride	2.666	41	2725	0.527	ug/l #	42
16) Acetone	2.392	43	9739	6.093	ug/l	94
17) Carbon Disulfide	2.514	76	2006	0.303	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	6614	0.676	ug/l #	89
21) trans-1,2-Dichloroethene	3.093	96	773	0.268	ug/l	85
24) 1,1-Dichloroethane	3.611	63	2292	0.408	ug/l #	93
25) 2-Butanone	4.574	43	11918	5.126	ug/l #	85
26) 2,2-Dichloropropane	4.568	77	14477	3.134	ug/l #	53
27) cis-1,2-Dichloroethene	4.495	96	1869	0.548	ug/l	69
29) Tetrahydrofuran	5.007	42	259760	178.340	ug/l	99
36) 1,1-Dichloropropene	5.556	75	19141	4.562	ug/l #	51
37) Ethyl Acetate	4.721	43	1474	0.336	ug/l #	70
38) Carbon Tetrachloride	5.550	117	26326	6.654	ug/l #	16
40) Benzene	6.043	78	10838	0.900	ug/l	97
41) Methacrylonitrile	5.013	41	142396	59.676	ug/l #	45
43) Isopropyl Acetate	6.354	43	2672	0.364	ug/l #	62
49) 1,4-Dioxane	7.702	88	15353	206.659	ug/l	92
51) 4-Methyl-2-Pentanone	8.561	43	5098	1.173	ug/l #	61
52) Toluene	8.720	92	5531	0.704	ug/l	92
59) 2-Hexanone	9.561	43	2191	0.667	ug/l	97
65) Chlorobenzene	10.079	112	71507	8.941	ug/l	100
67) Ethyl Benzene	10.195	91	93868	6.479	ug/l	100
68) m/p-Xylenes	10.305	106	26950	4.870	ug/l	100
69) o-Xylene	10.640	106	19831	3.658	ug/l	99
70) Styrene	10.659	104	3063	0.354	ug/l #	10
73) Isopropylbenzene	10.963	105	15109	1.185	ug/l	98
74) N-amyl acetate	10.890	43	2968	0.518	ug/l #	48
76) 1,2,3-Trichloropropane	11.079	75	91725	26.159	ug/l #	35
78) n-propylbenzene	11.305	91	8489	0.576	ug/l	99
79) 2-Chlorotoluene	11.366	91	7845	0.844	ug/l	97

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

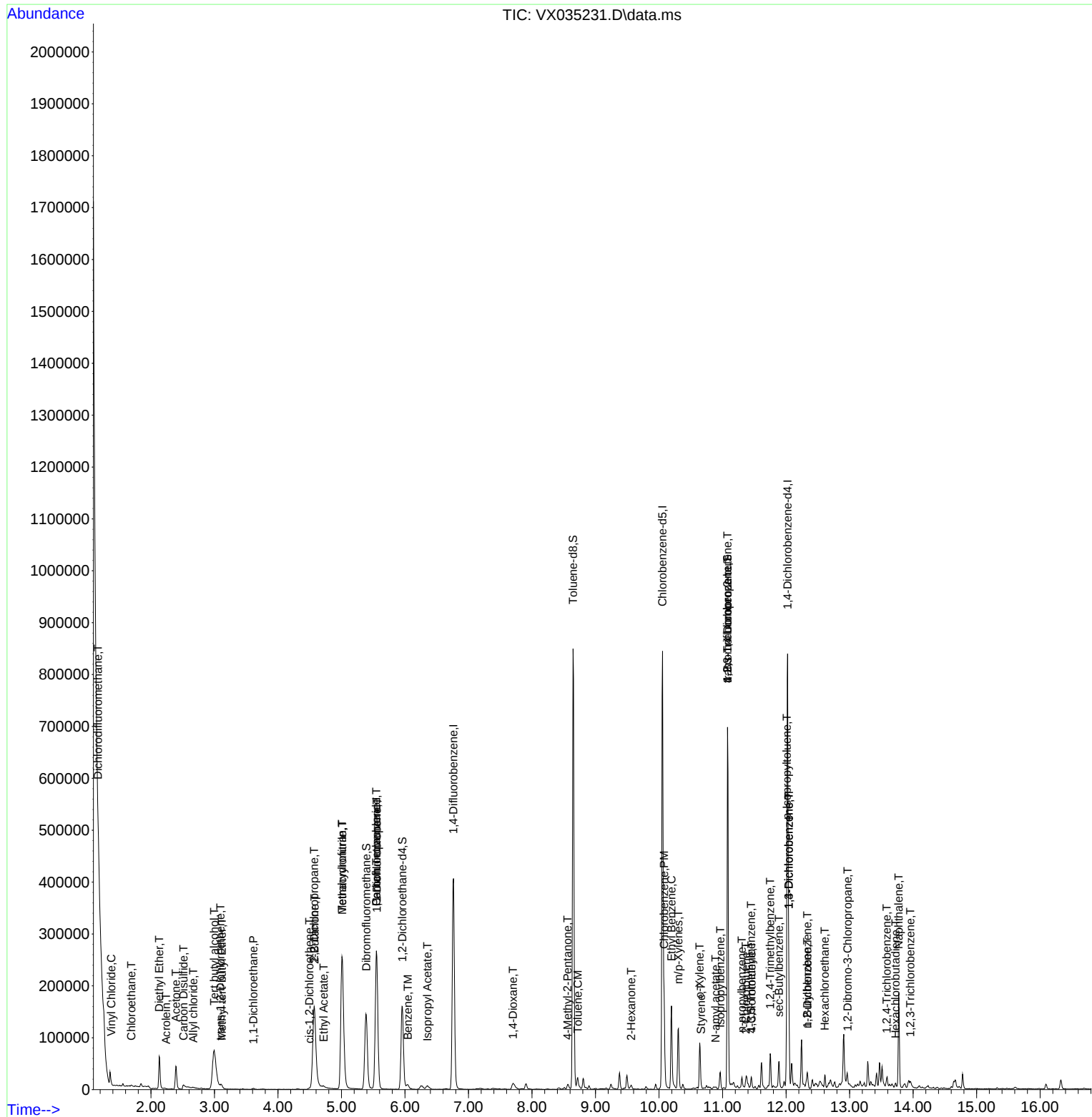
80) 1,3,5-Trimethylbenzene	11.451	105	7460	0.700	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.079	75	91725	78.398	ug/l #	9
82) 4-Chlorotoluene	11.457	91	2358	0.218	ug/l	83
84) 1,2,4-Trimethylbenzene	11.750	105	30147	2.781	ug/l	99
85) sec-Butylbenzene	11.890	105	3954	0.325	ug/l	91
86) p-Isopropyltoluene	12.012	119	9077	0.894	ug/l	92
87) 1,3-Dichlorobenzene	12.042	146	73698	12.812	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	73698	12.267	ug/l	100
89) n-Butylbenzene	12.335	91	4009	0.452	ug/l #	74
90) Hexachloroethane	12.609	117	1112	0.707	ug/l #	15
91) 1,2-Dichlorobenzene	12.335	146	6722	1.167	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.969	75	271	0.311	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	2789	0.856	ug/l	91
94) Hexachlorobutadiene	13.725	225	1092	0.762	ug/l	98
95) Naphthalene	13.774	128	111298	9.613	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	1771	0.539	ug/l	94

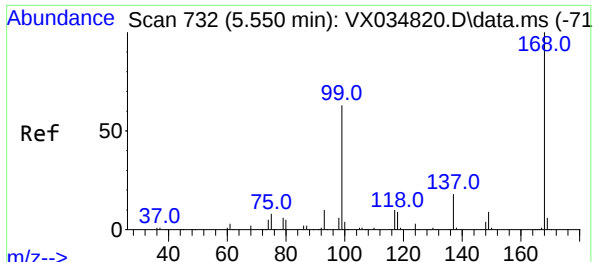
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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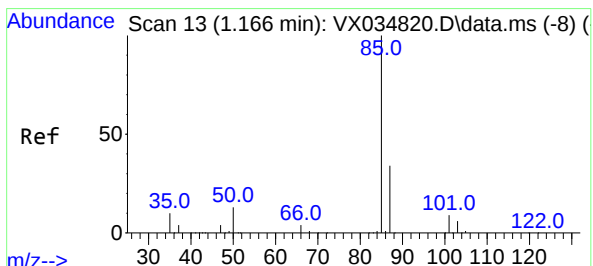
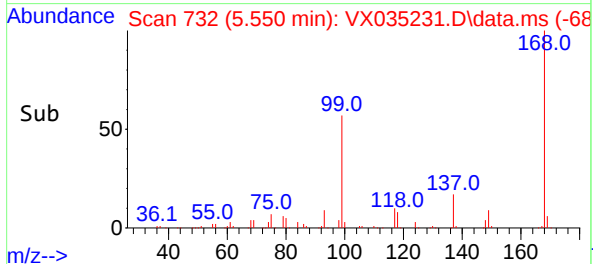
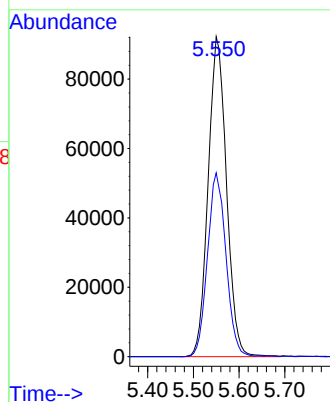
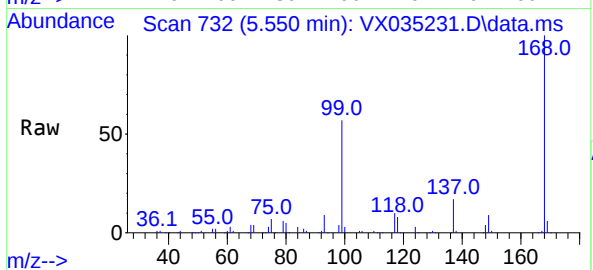




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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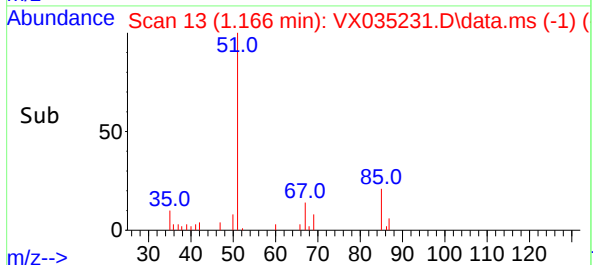
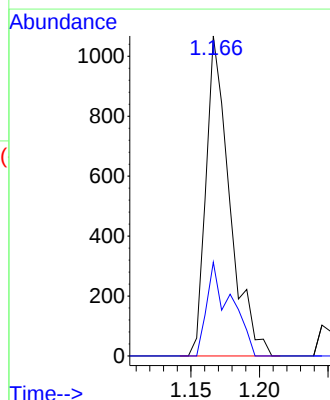
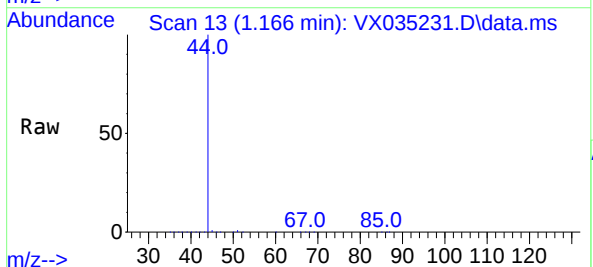
Instrument :
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ClientSampleId :
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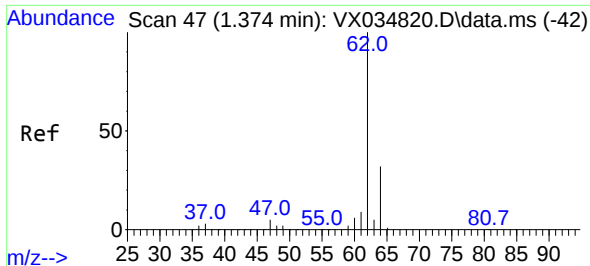
Tgt Ion:168 Resp: 257274
Ion Ratio Lower Upper
168 100
99 57.5 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 0.501 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Tgt Ion: 85 Resp: 1285
Ion Ratio Lower Upper
85 100
87 29.3 16.4 49.1

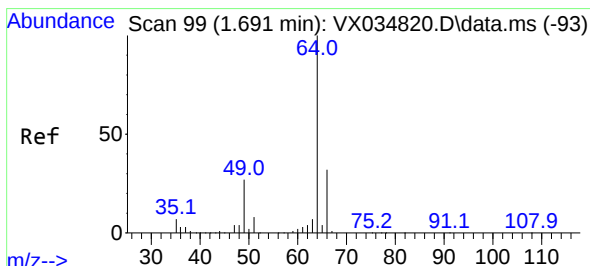
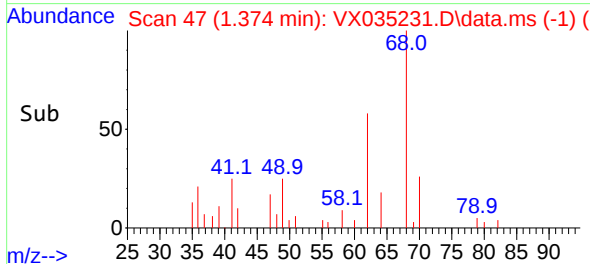
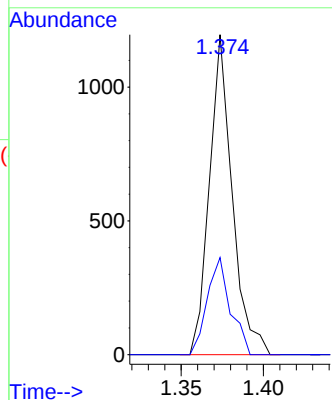
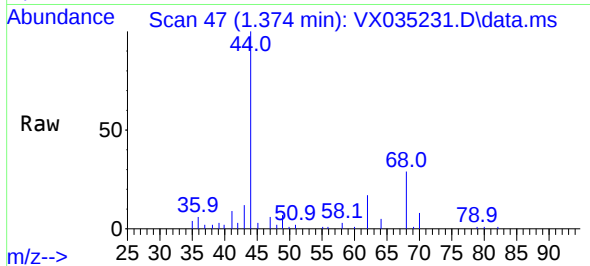




#4
Vinyl Chloride
Concen: 0.362 ug/l
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

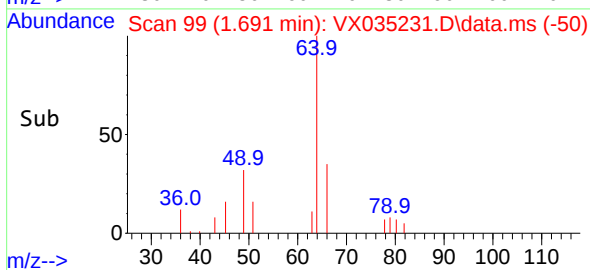
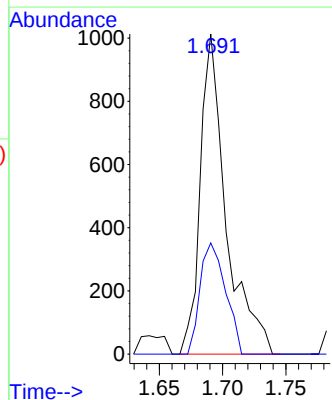
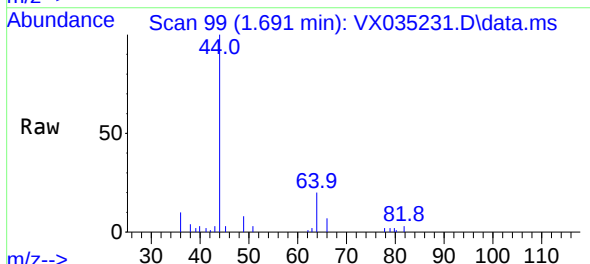
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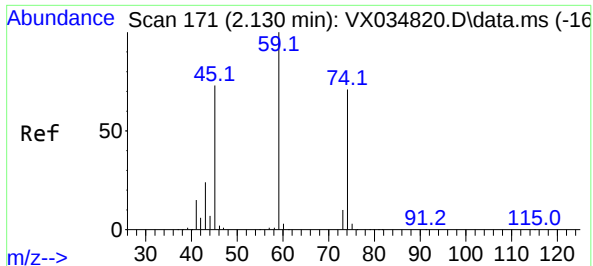
Tgt Ion: 62 Resp: 1150
Ion Ratio Lower Upper
62 100
64 30.4 26.4 39.6



#6
Chloroethane
Concen: 0.698 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Tgt Ion: 64 Resp: 1445
Ion Ratio Lower Upper
64 100
66 34.7 26.2 39.4

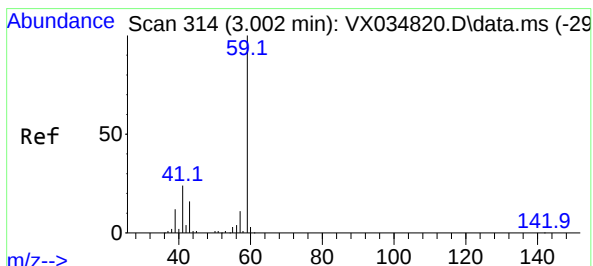
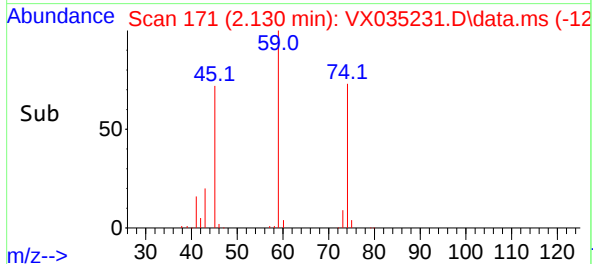
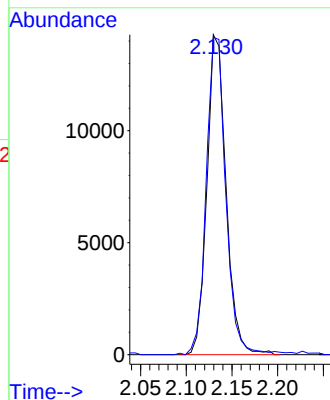
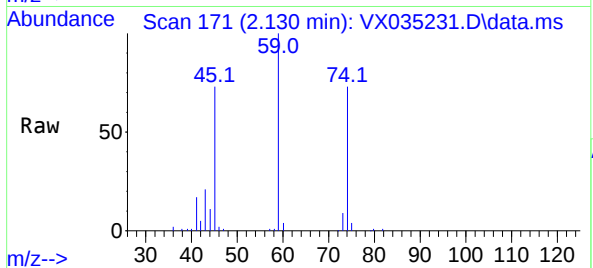




#8
Diethyl Ether
Concen: 11.494 ug/l
RT: 2.130 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

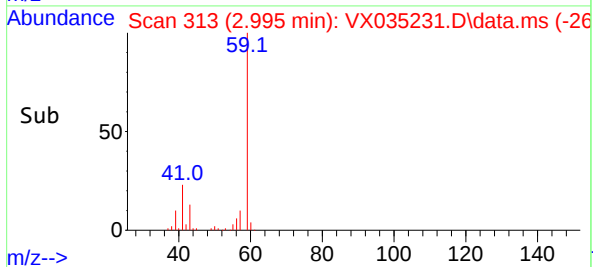
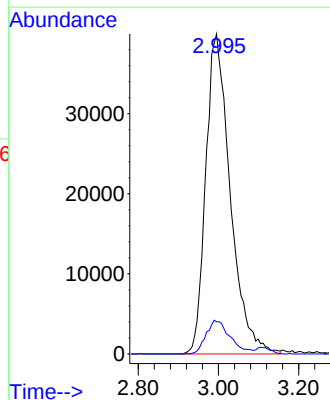
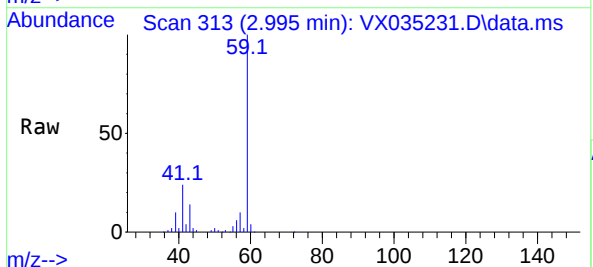
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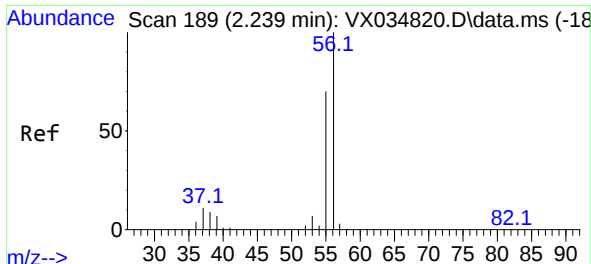
Tgt Ion: 74 Resp: 20723
Ion Ratio Lower Upper
74 100
45 101.8 49.8 149.3



#11
Tert butyl alcohol
Concen: 245.443 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.006 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Tgt Ion: 59 Resp: 169440
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1

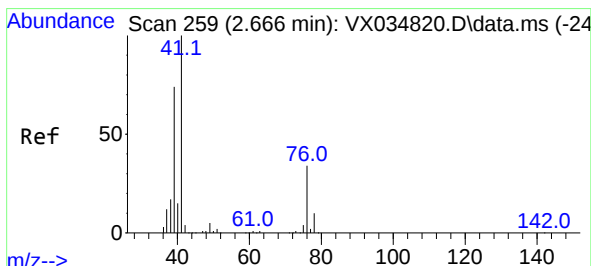
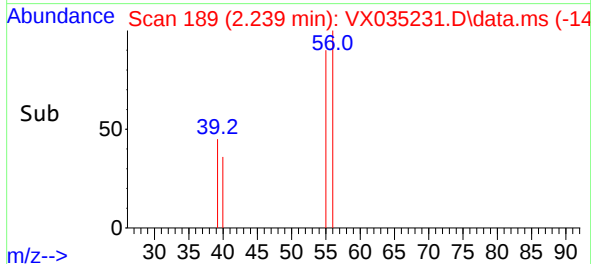
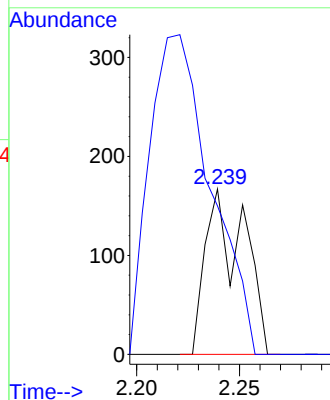
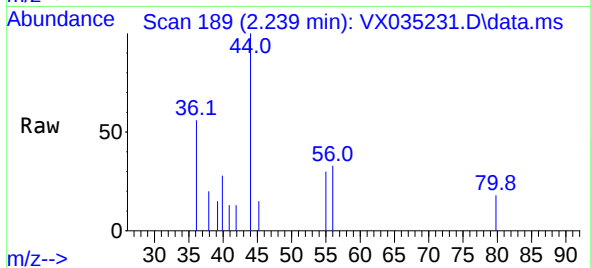




#13
Acrolein
Concen: 0.303 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

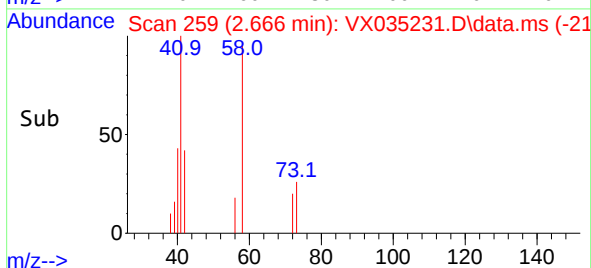
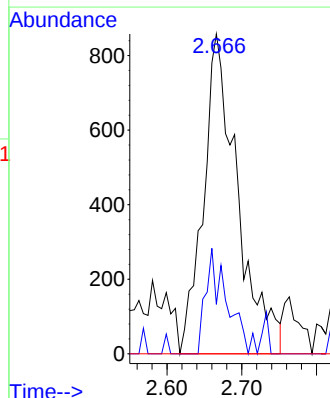
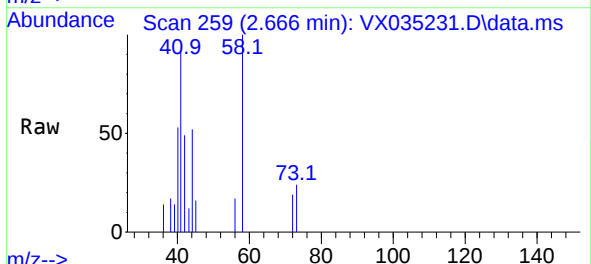
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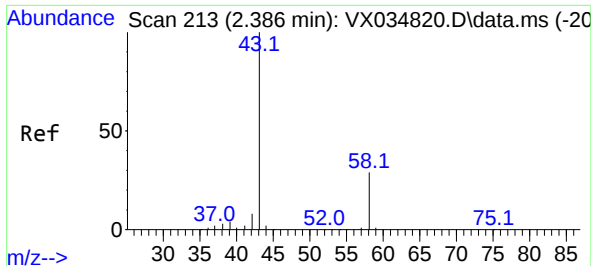
Tgt Ion: 56 Resp: 215
Ion Ratio Lower Upper
56 100
55 311.2 56.6 85.0#



#14
Allyl chloride
Concen: 0.527 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Tgt Ion: 41 Resp: 2725
Ion Ratio Lower Upper
41 100
39 19.9 52.4 78.6#
76 0.0 26.0 39.0#

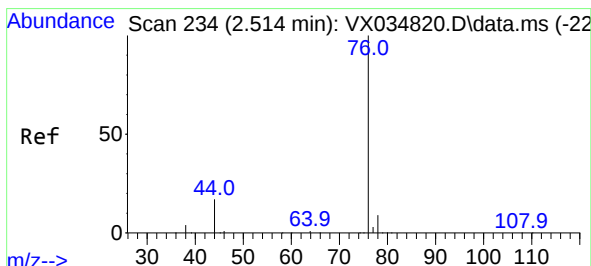
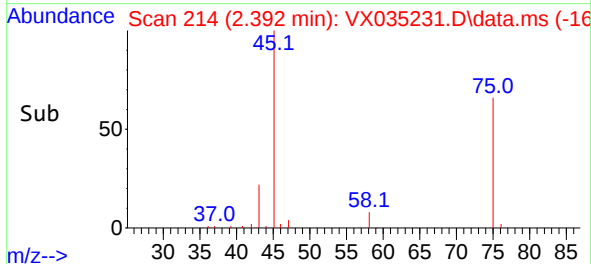
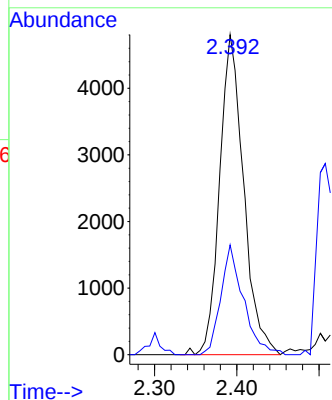
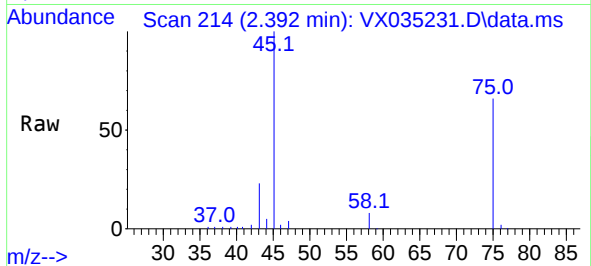




#16
Acetone
Concen: 6.093 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX035231.D
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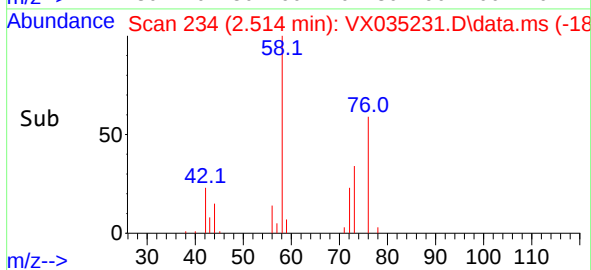
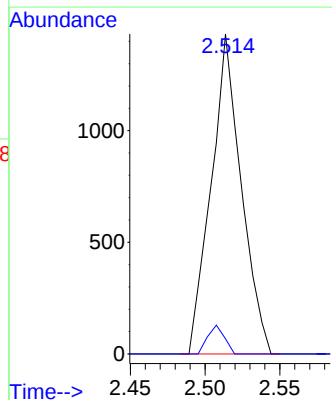
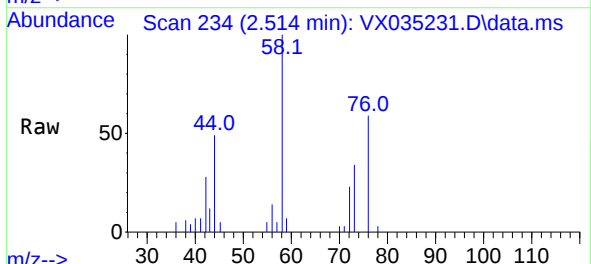
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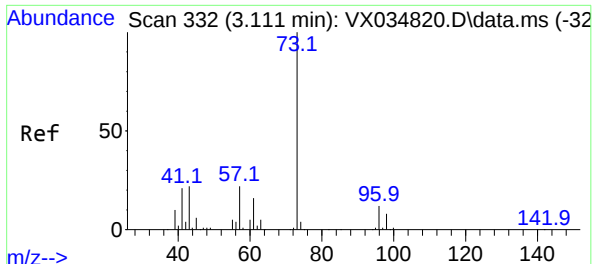
Tgt Ion: 43 Resp: 9739
Ion Ratio Lower Upper
43 100
58 34.3 24.7 37.1



#17
Carbon Disulfide
Concen: 0.303 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Tgt Ion: 76 Resp: 2006
Ion Ratio Lower Upper
76 100
78 4.7 7.2 10.8#

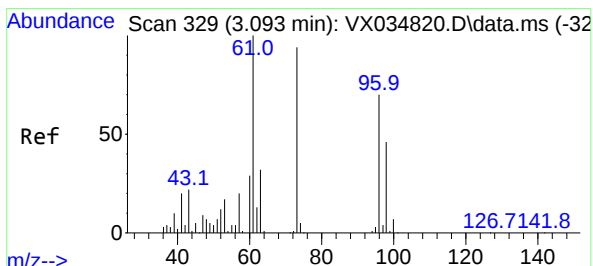
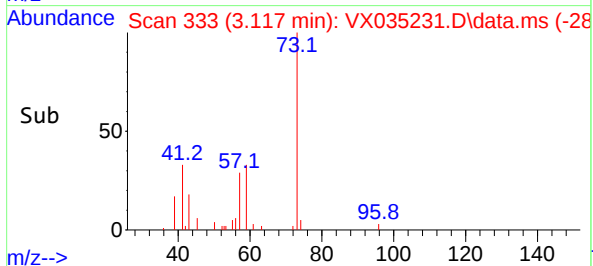
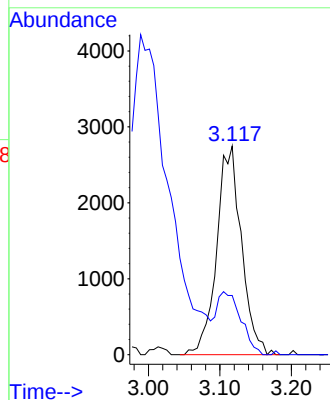
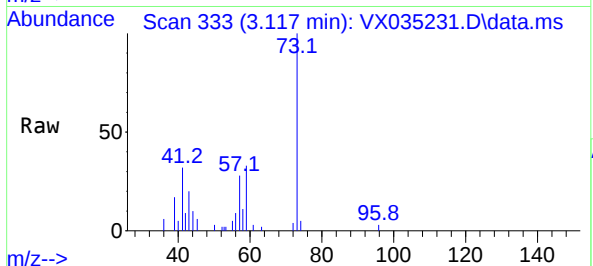




#19
Methyl tert-butyl Ether
Concen: 0.676 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
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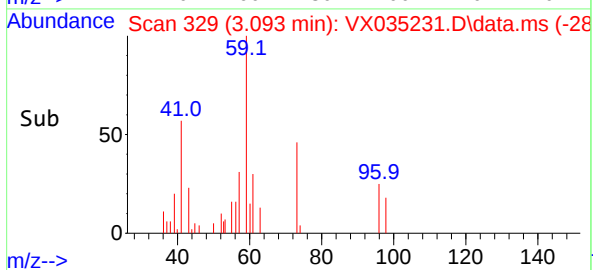
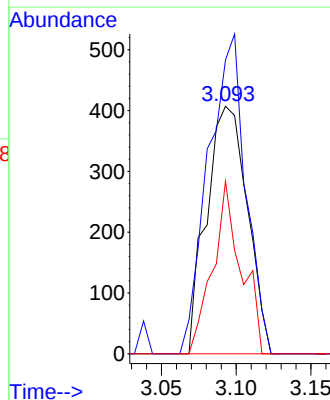
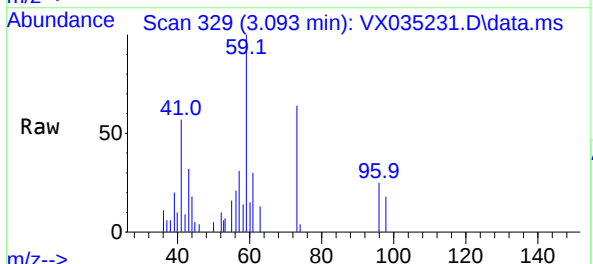
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MSVOA_X
ClientSampleId :
230419084-02-VOA

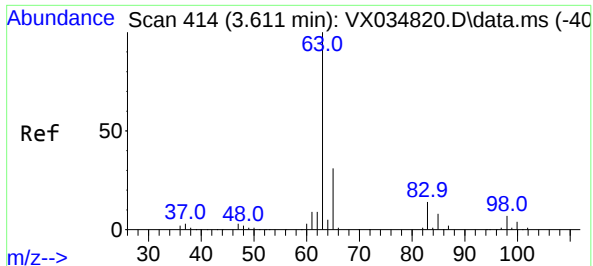
Tgt Ion: 73 Resp: 6614
Ion Ratio Lower Upper
73 100
57 28.4 18.5 27.7#



#21
trans-1,2-Dichloroethene
Concen: 0.268 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Tgt Ion: 96 Resp: 773
Ion Ratio Lower Upper
96 100
61 118.7 113.0 169.6
98 69.8 52.1 78.1

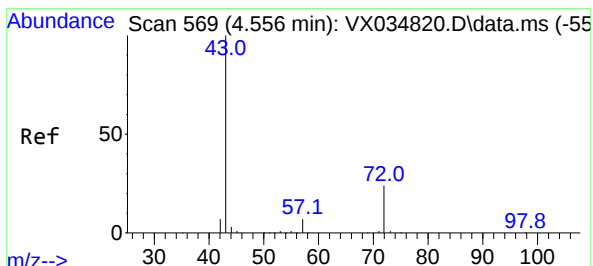
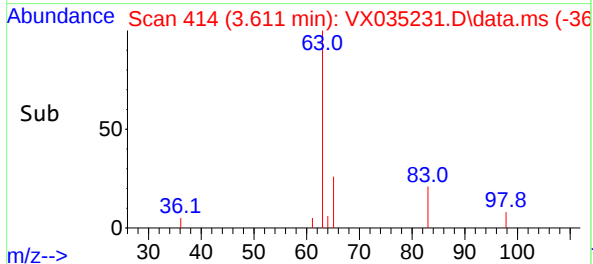
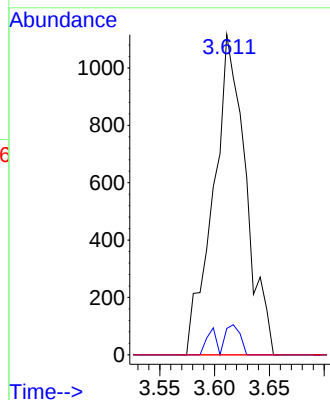
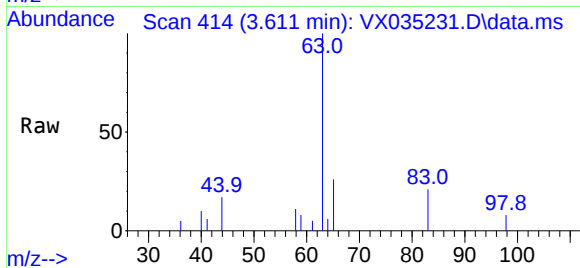




#24
1,1-Dichloroethane
Concen: 0.408 ug/l
RT: 3.611 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

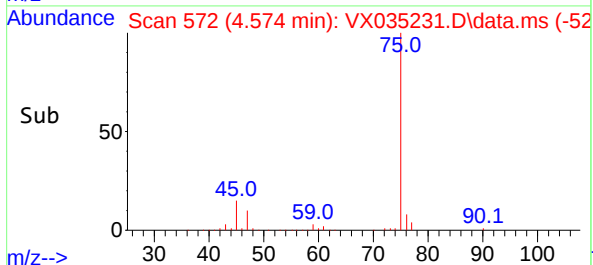
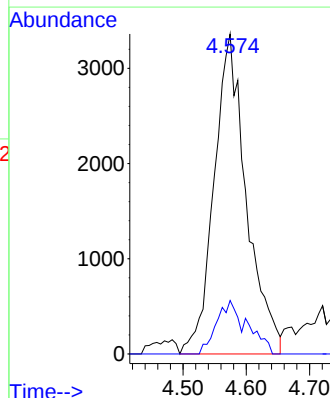
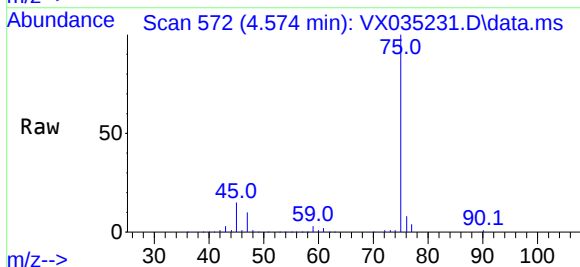
Instrument :
MSVOA_X
ClientSampleId :
230419084-02-VOA

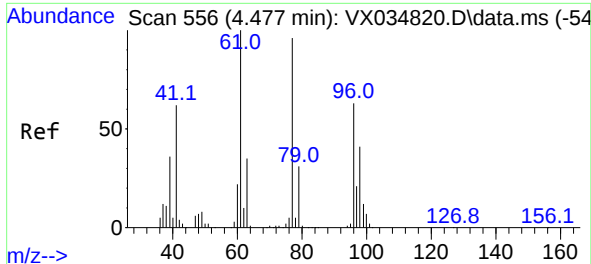
Tgt Ion: 63 Resp: 2292
Ion Ratio Lower Upper
63 100
98 8.2 3.8 11.2
100 0.0 2.4 7.1#



#25
2-Butanone
Concen: 5.126 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Tgt Ion: 43 Resp: 11918
Ion Ratio Lower Upper
43 100
72 16.7 19.3 28.9#





#26

2,2-Dichloropropane

Concen: 3.134 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.091 min

Lab File: VX035231.D

Acq: 21 Apr 2023 15:16

Instrument :

MSVOA_X

ClientSampleId :

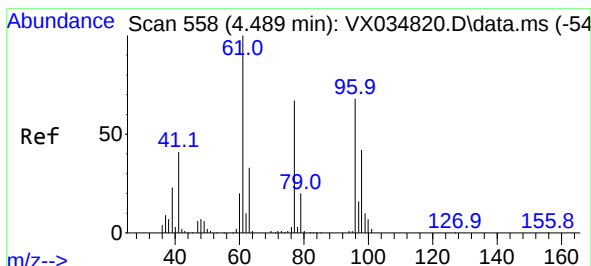
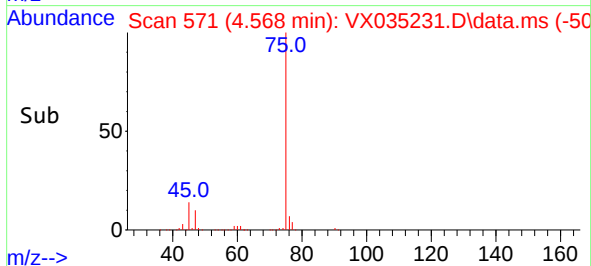
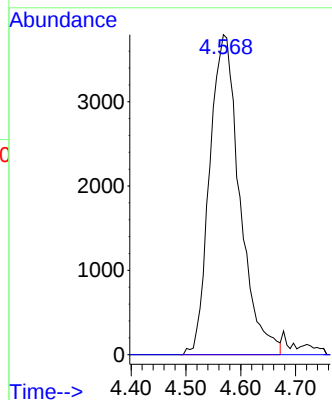
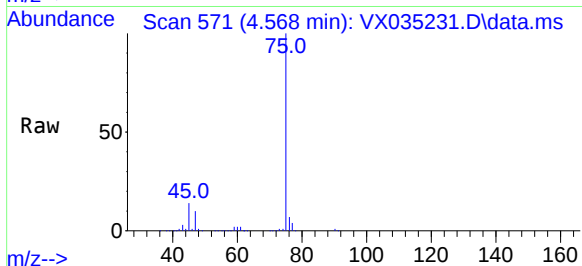
230419084-02-VOA

Tgt Ion: 77 Resp: 14477

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#



#27

cis-1,2-Dichloroethene

Concen: 0.548 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX035231.D

Acq: 21 Apr 2023 15:16

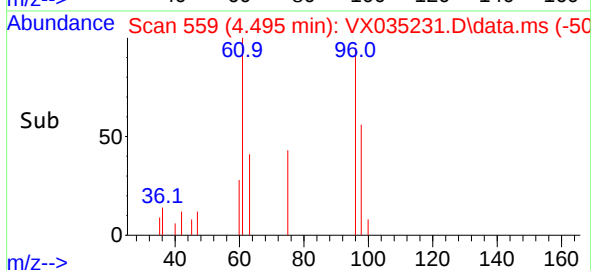
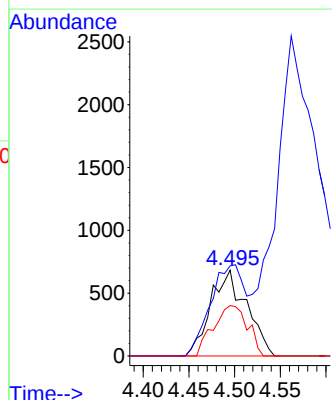
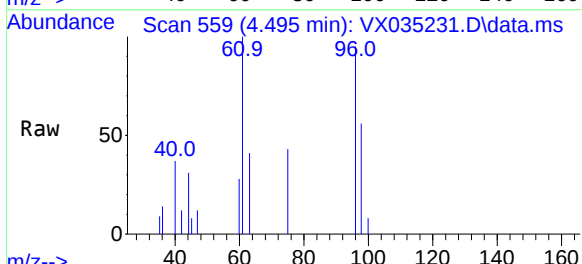
Tgt Ion: 96 Resp: 1869

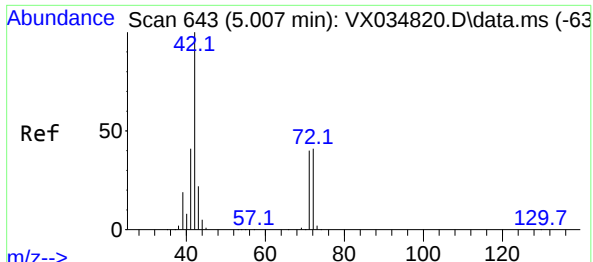
Ion Ratio Lower Upper

96 100

61 100.2 0.0 300.4

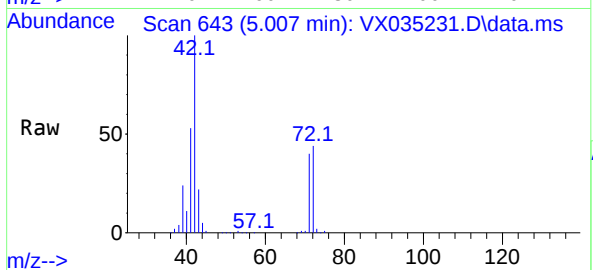
98 55.9 0.0 129.0



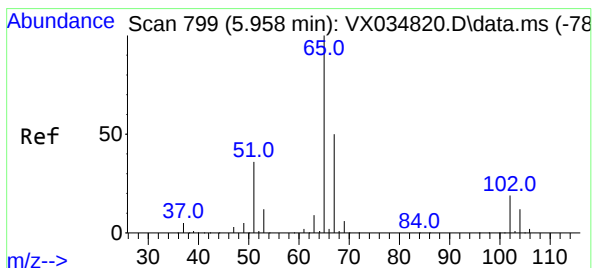
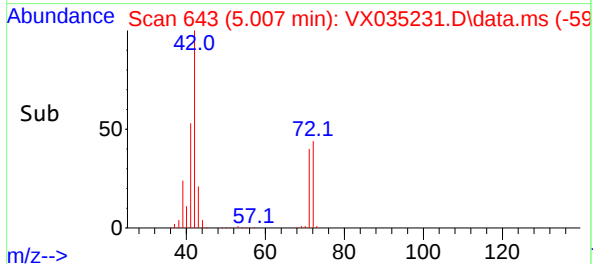
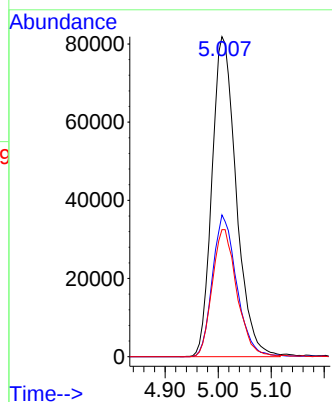


#29
Tetrahydrofuran
Concen: 178.340 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Instrument :
MSVOA_X
ClientSampleId :
230419084-02-VOA

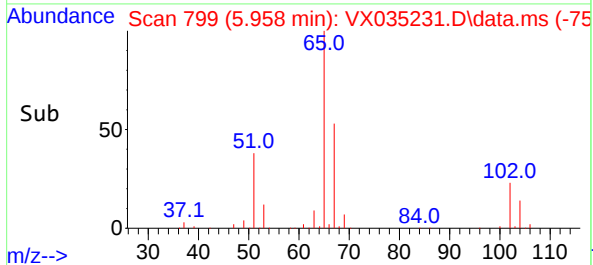
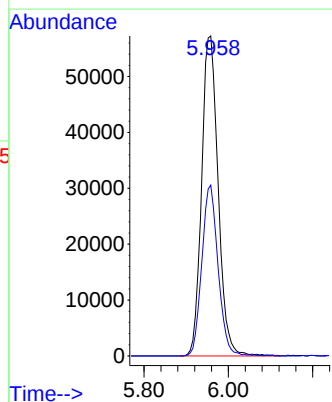
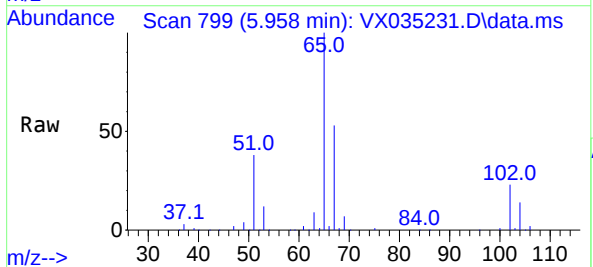


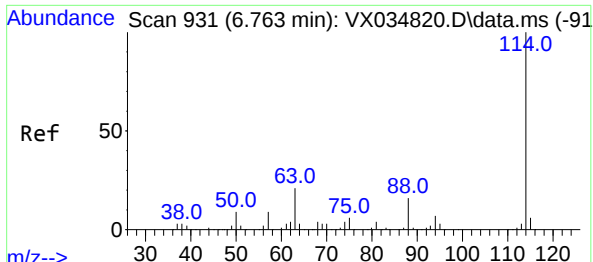
Tgt Ion: 42 Resp: 259760
Ion Ratio Lower Upper
42 100
72 44.2 34.5 51.7
71 40.4 32.1 48.1



#33
1,2-Dichloroethane-d4
Concen: 39.755 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Tgt Ion: 65 Resp: 156422
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX035231.D

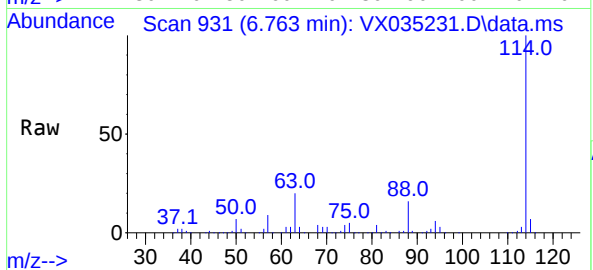
Acq: 21 Apr 2023 15:16

Instrument :

MSVOA_X

ClientSampleId :

230419084-02-VOA



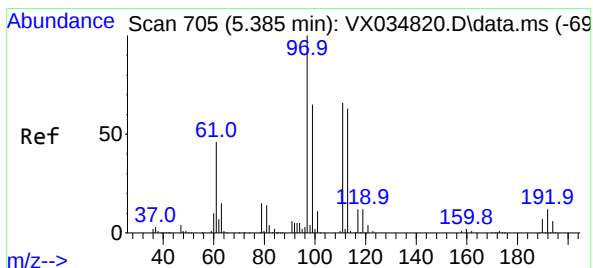
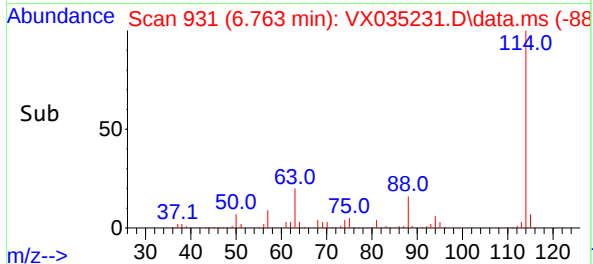
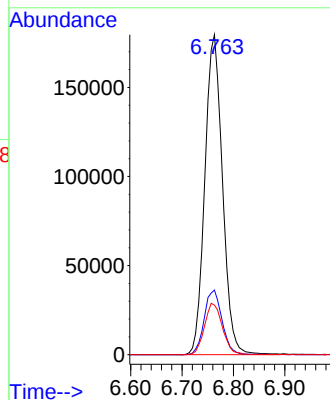
Tgt Ion:114 Resp: 428222

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.2

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.141 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX035231.D

Acq: 21 Apr 2023 15:16

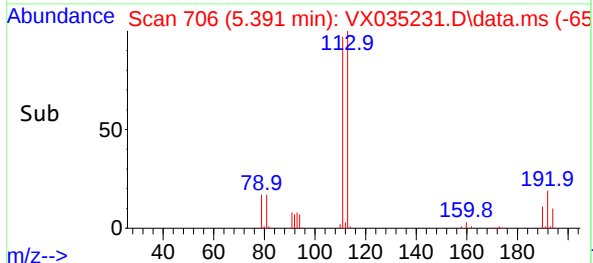
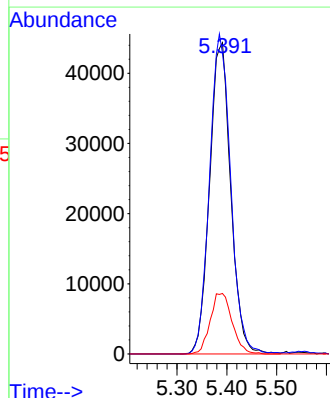
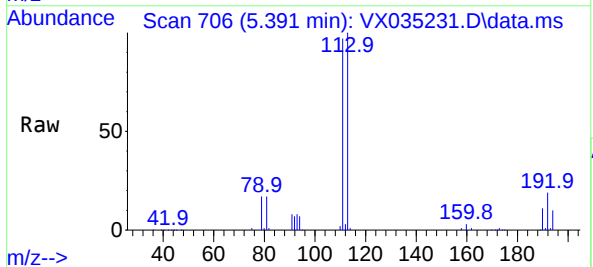
Tgt Ion:113 Resp: 130688

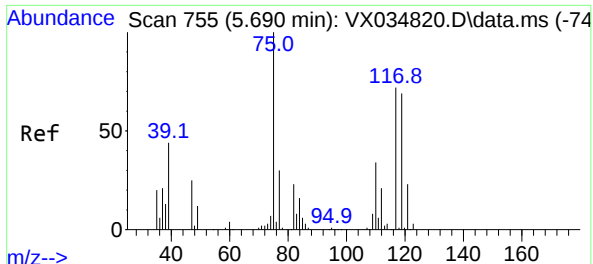
Ion Ratio Lower Upper

113 100

111 102.7 83.7 125.5

192 20.1 15.4 23.2

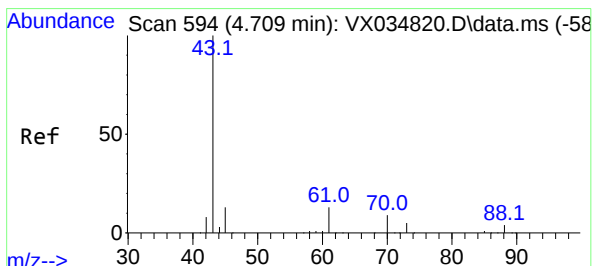
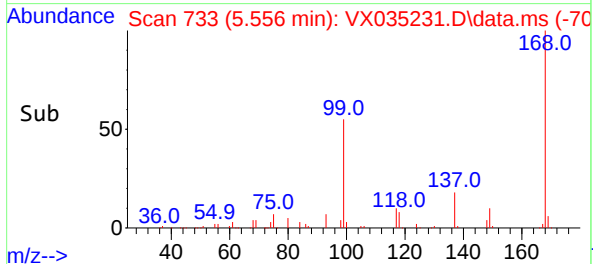
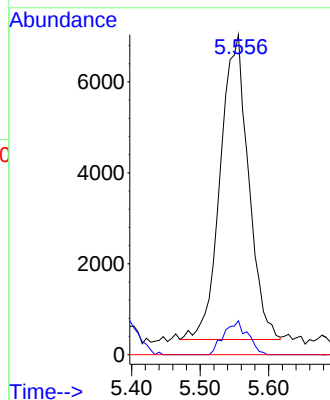
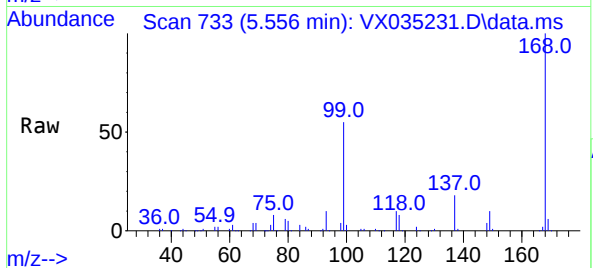




#36
1,1-Dichloropropene
Concen: 4.562 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

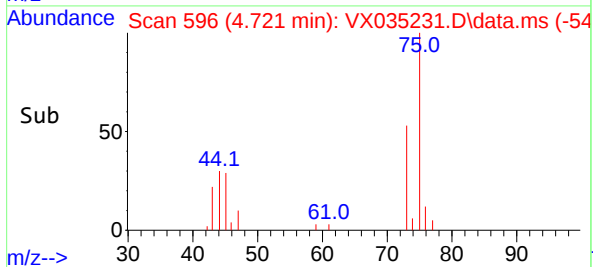
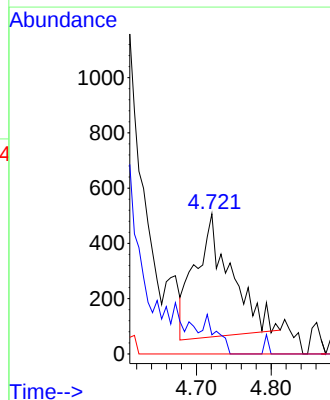
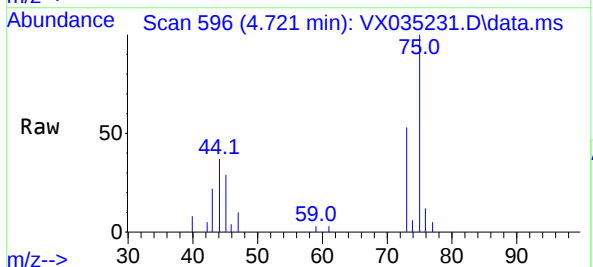
Instrument :
MSVOA_X
ClientSampleId :
230419084-02-VOA

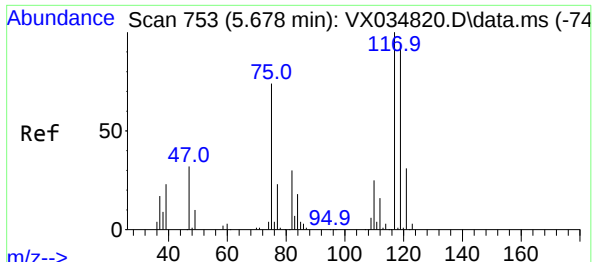
Tgt Ion: 75 Resp: 19141
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 0.336 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.012 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

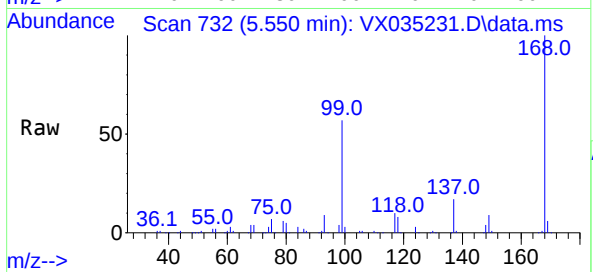
Tgt Ion: 43 Resp: 1474
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.4#
70 0.0 8.2 12.4#



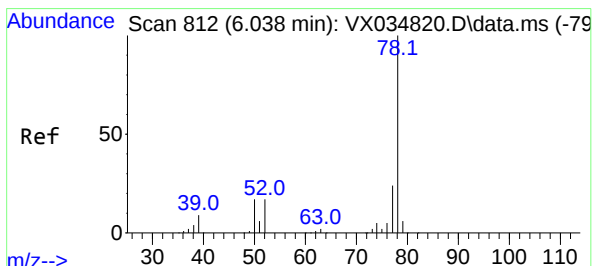
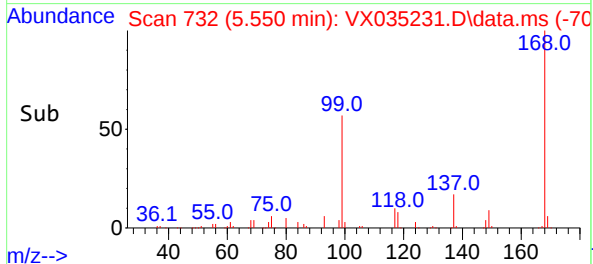
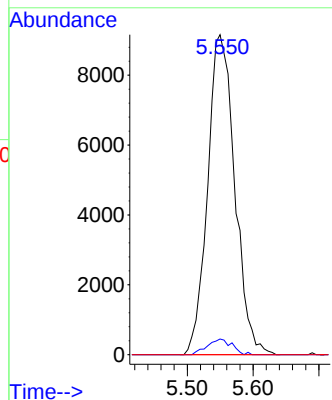


#38
Carbon Tetrachloride
Concen: 6.654 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Instrument :
MSVOA_X
ClientSampleId :
230419084-02-VOA

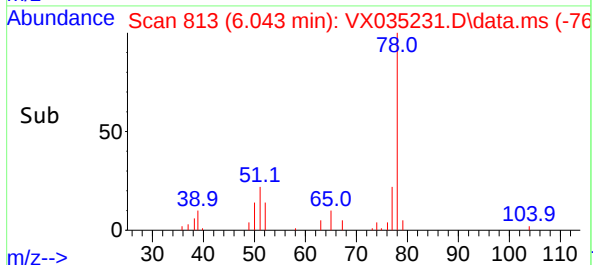
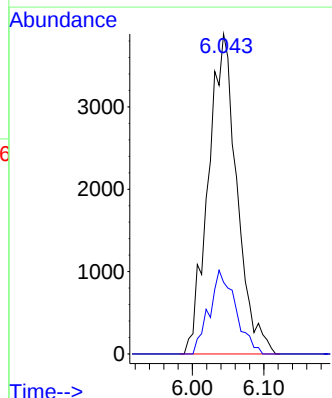
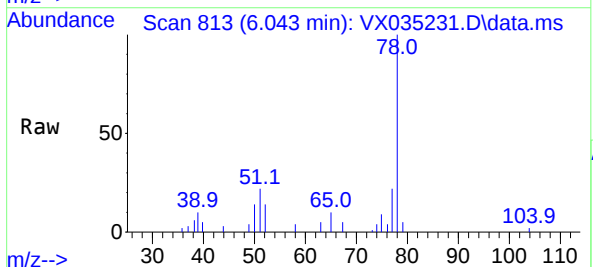


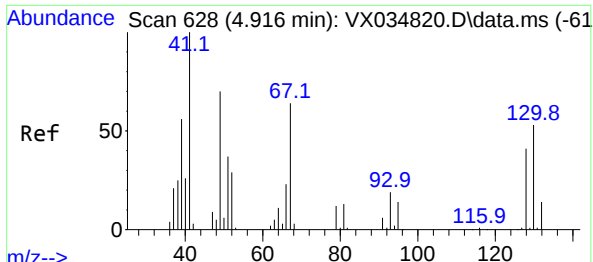
Tgt Ion:117 Resp: 26326
Ion Ratio Lower Upper
117 100
119 4.9 76.6 114.8#
121 0.0 23.8 35.6#



#40
Benzene
Concen: 0.900 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Tgt Ion: 78 Resp: 10838
Ion Ratio Lower Upper
78 100
77 22.4 19.0 28.4



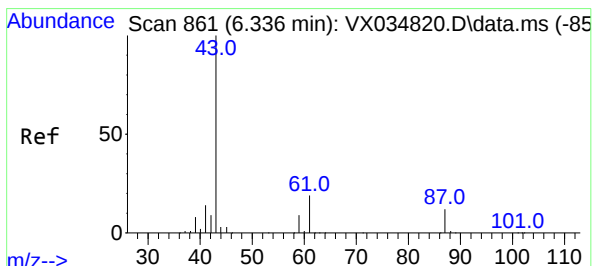
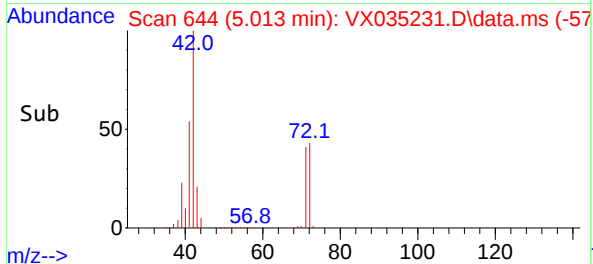
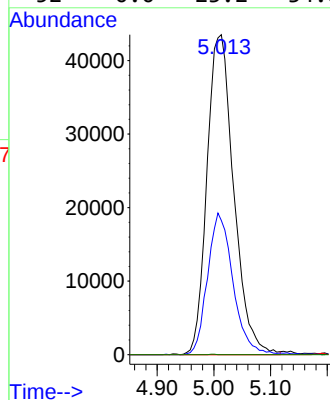
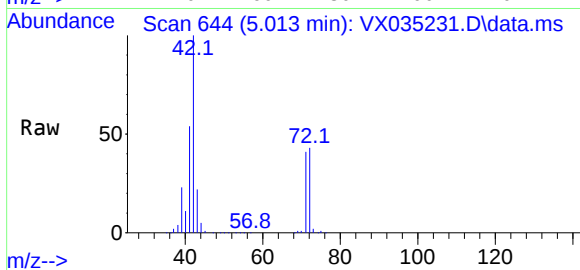


#41
Methacrylonitrile
Concen: 59.676 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.097 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Instrument :
MSVOA_X
ClientSampleId :
230419084-02-VOA

Tgt Ion: 41 Resp: 142396

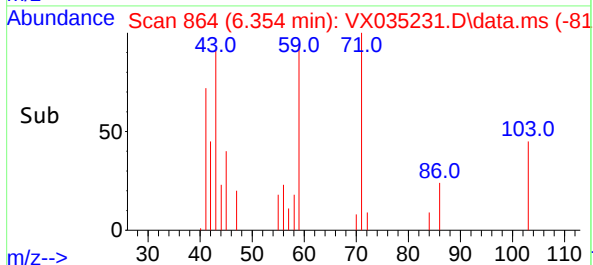
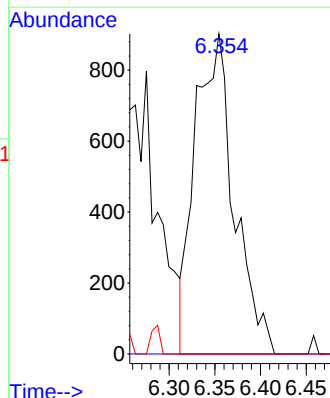
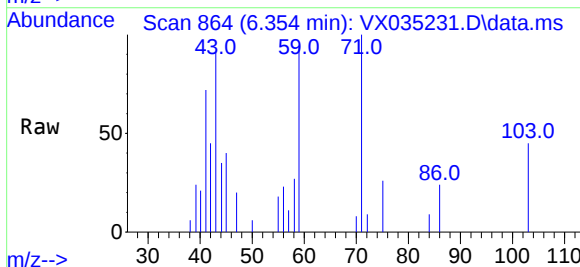
Ion	Ratio	Lower	Upper
41	100		
39	42.0	45.0	67.6#
67	0.0	55.6	83.4#
52	0.0	23.2	34.8#

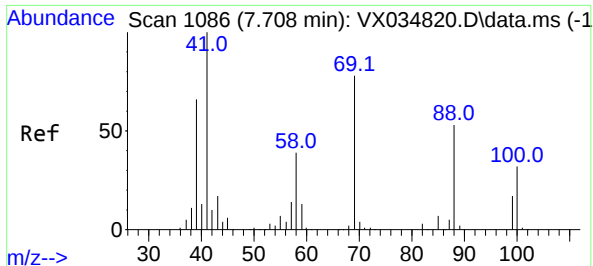


#43
Isopropyl Acetate
Concen: 0.364 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.018 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Tgt Ion: 43 Resp: 2672

Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.2	22.8#
87	0.0	9.8	14.8#





#49

1,4-Dioxane

Concen: 206.659 ug/l

RT: 7.702 min Scan# 1086

Delta R.T. -0.006 min

Lab File: VX035231.D

Acq: 21 Apr 2023 15:16

Instrument :

MSVOA_X

ClientSampleId :

230419084-02-VOA

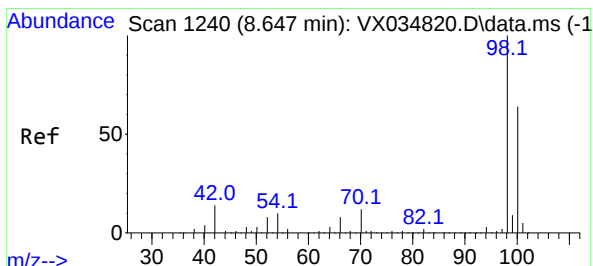
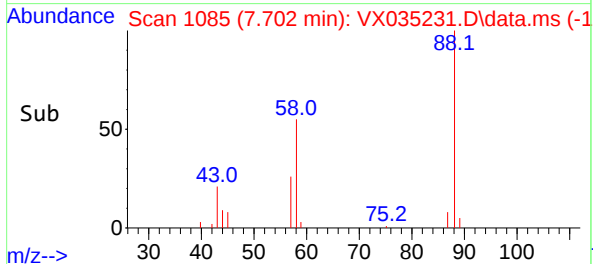
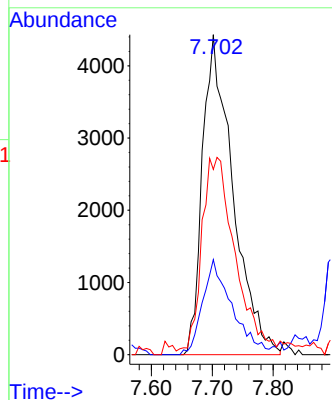
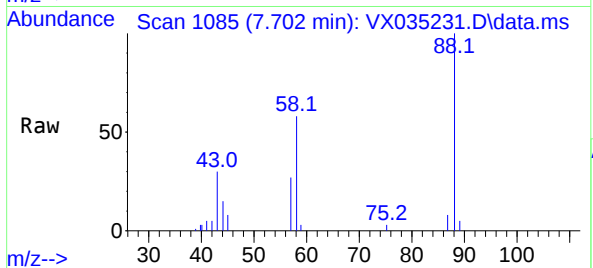
Tgt Ion: 88 Resp: 15353

Ion Ratio Lower Upper

88 100

43 28.9 27.7 41.5

58 64.5 56.8 85.2



#50

Toluene-d8

Concen: 48.493 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035231.D

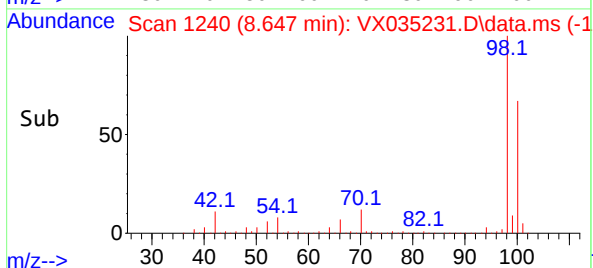
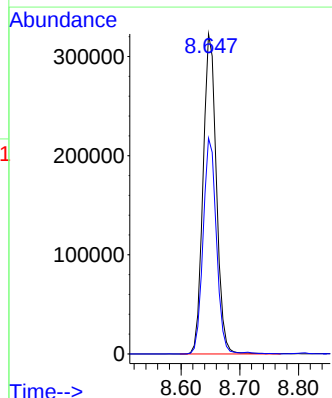
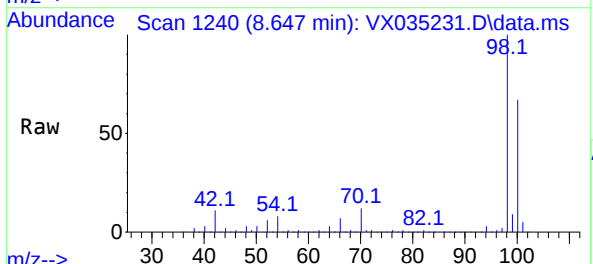
Acq: 21 Apr 2023 15:16

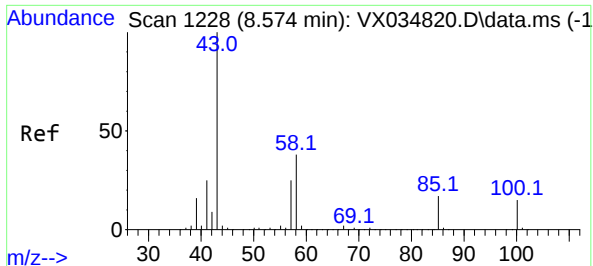
Tgt Ion: 98 Resp: 506961

Ion Ratio Lower Upper

98 100

100 67.0 52.5 78.7

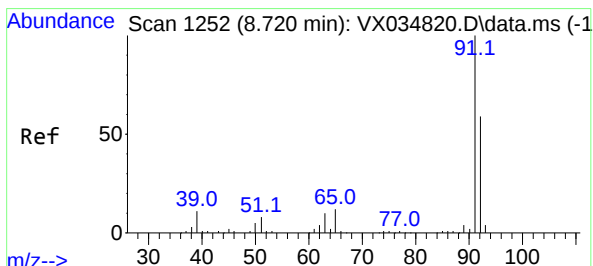
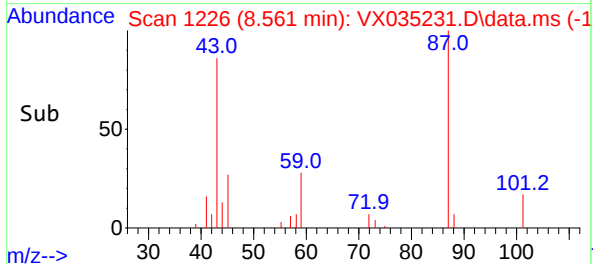
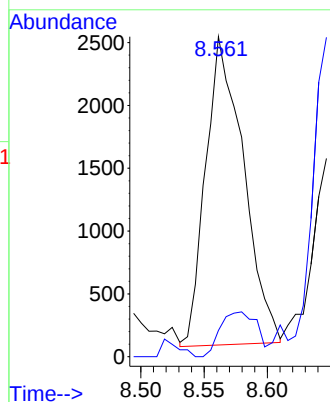
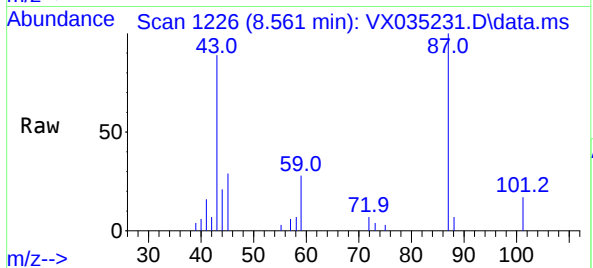




#51
4-Methyl-2-Pentanone
Concen: 1.173 ug/l
RT: 8.561 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

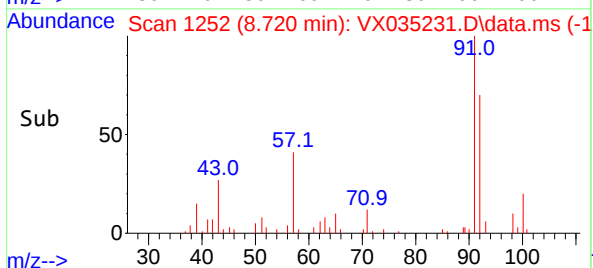
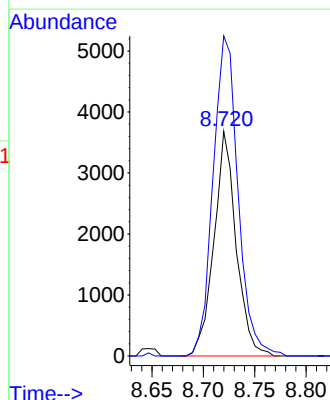
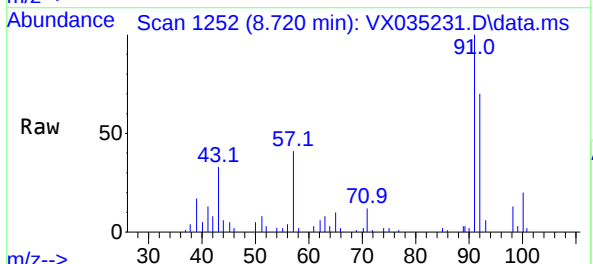
Instrument :
MSVOA_X
ClientSampleId :
230419084-02-VOA

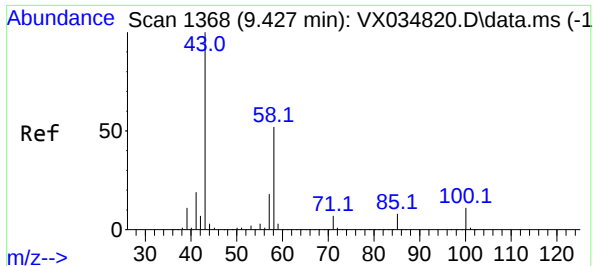
Tgt Ion: 43 Resp: 5098
Ion Ratio Lower Upper
43 100
58 14.8 30.6 46.0#



#52
Toluene
Concen: 0.704 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Tgt Ion: 92 Resp: 5531
Ion Ratio Lower Upper
92 100
91 160.1 136.8 205.2





#59

2-Hexanone

Concen: 0.667 ug/l

RT: 9.561 min Scan# 11

Delta R.T. 0.134 min

Lab File: VX035231.D

Acq: 21 Apr 2023 15:16

Instrument :

MSVOA_X

ClientSampleId :

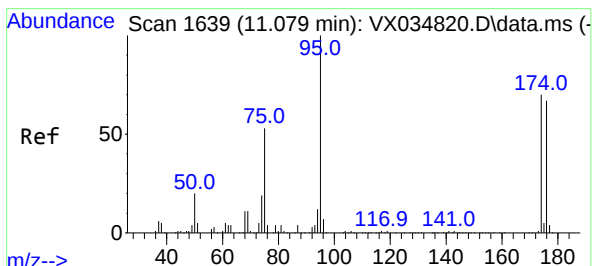
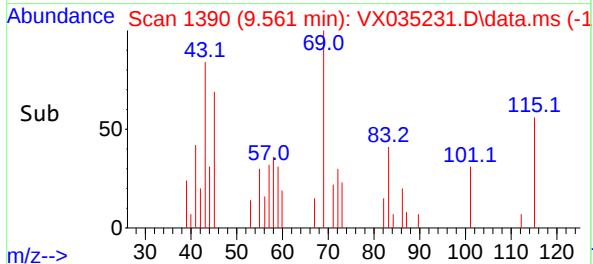
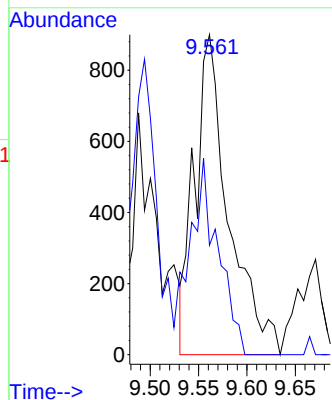
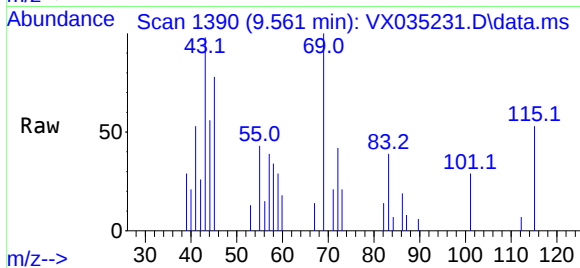
230419084-02-VOA

Tgt Ion: 43 Resp: 2191

Ion Ratio Lower Upper

43 100

58 50.7 26.3 78.9



#62

4-Bromofluorobenzene

Concen: 46.183 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX035231.D

Acq: 21 Apr 2023 15:16

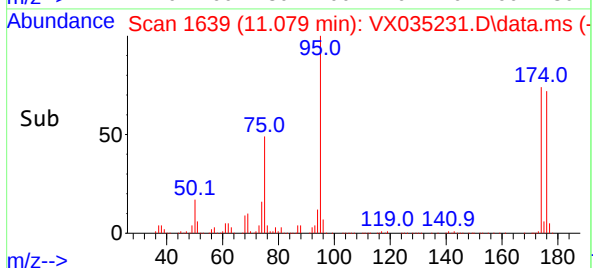
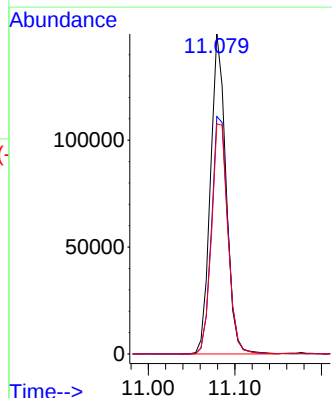
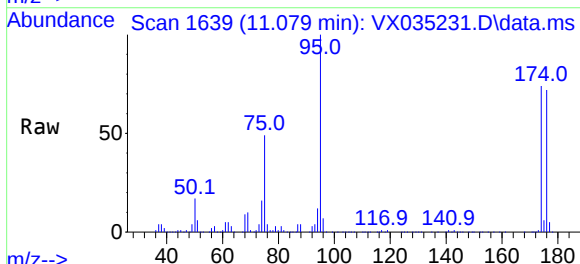
Tgt Ion: 95 Resp: 186835

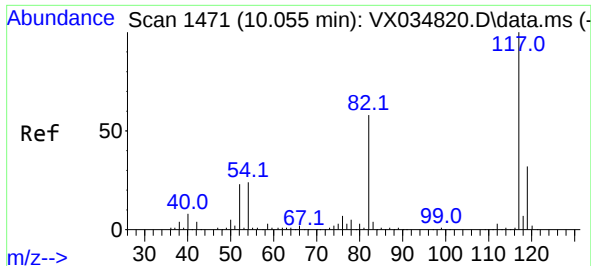
Ion Ratio Lower Upper

95 100

174 78.0 0.0 147.4

176 75.9 0.0 140.6

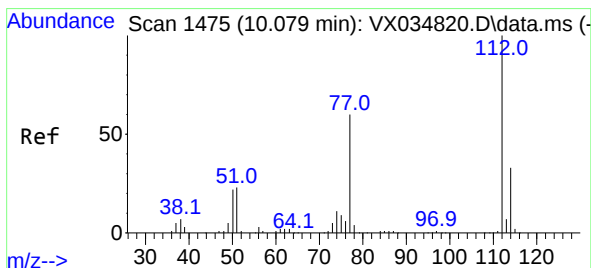
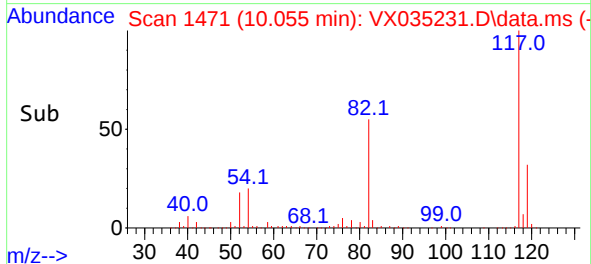
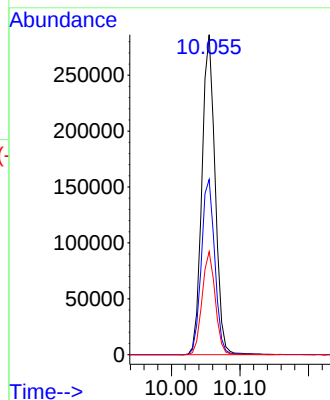
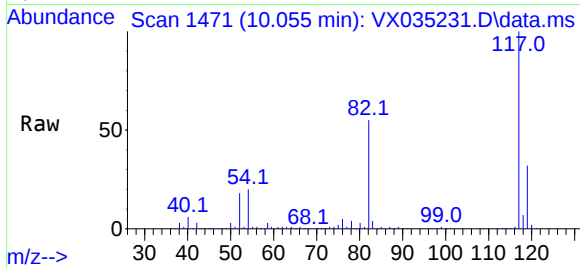




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

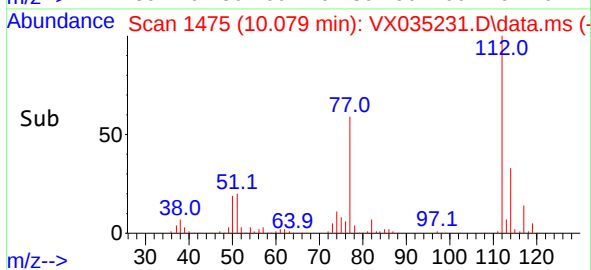
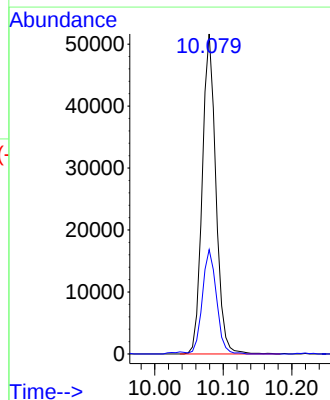
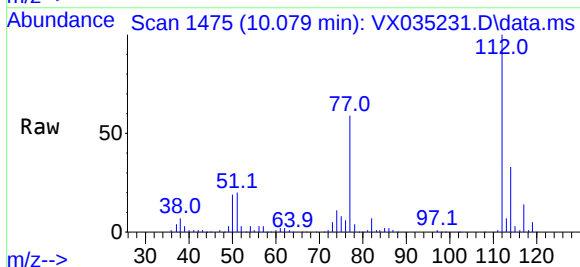
Instrument :
MSVOA_X
ClientSampleId :
230419084-02-VOA

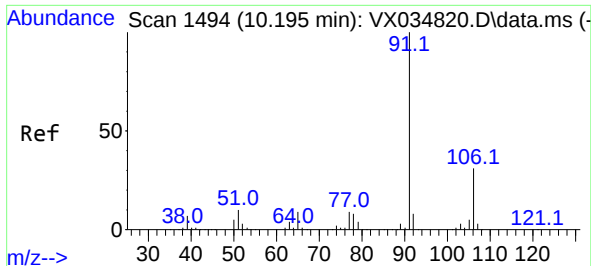
Tgt Ion:117 Resp: 384379
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.4
119 32.2 26.0 39.0



#65
Chlorobenzene
Concen: 8.941 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Tgt Ion:112 Resp: 71507
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.2

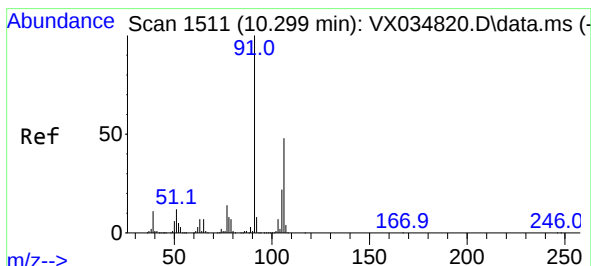
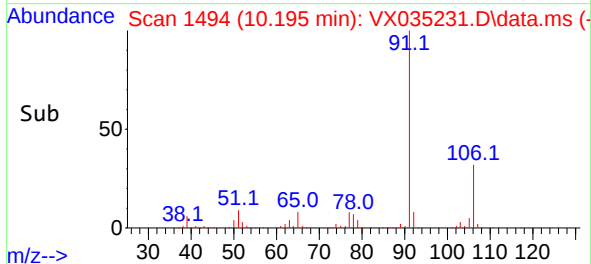
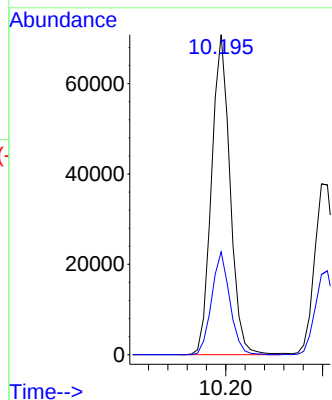
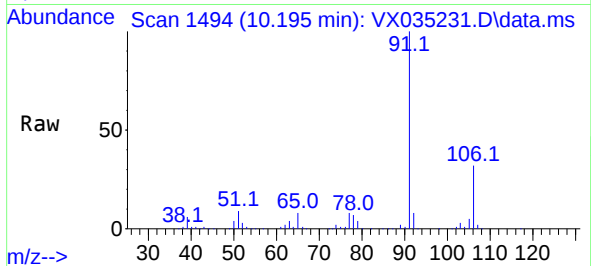




#67
Ethyl Benzene
Concen: 6.479 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

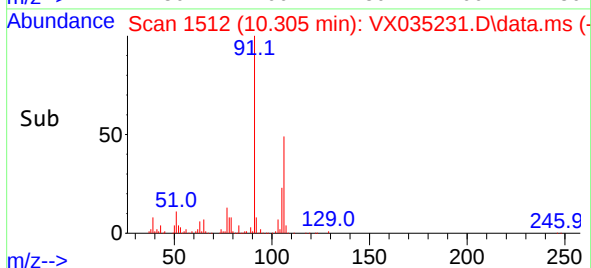
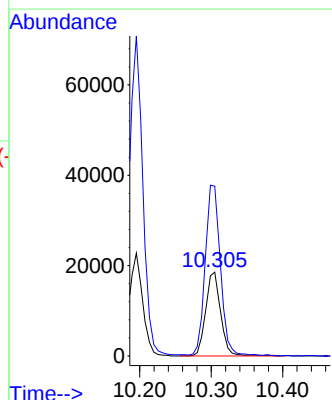
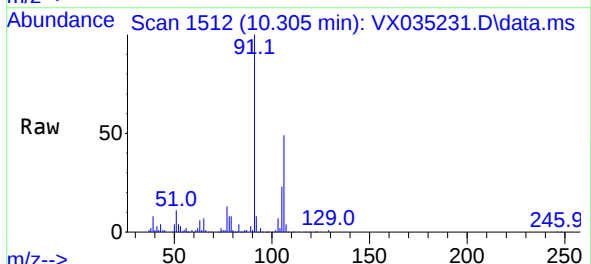
Instrument :
MSVOA_X
ClientSampleId :
230419084-02-VOA

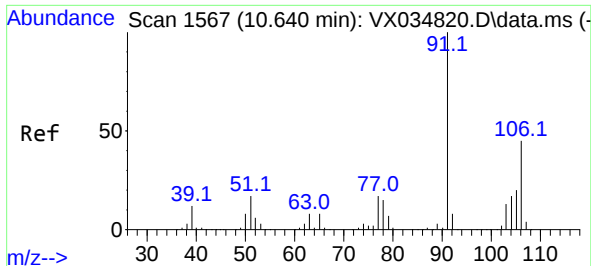
Tgt Ion: 91 Resp: 93868
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4



#68
m/p-Xylenes
Concen: 4.870 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Tgt Ion: 106 Resp: 26950
Ion Ratio Lower Upper
106 100
91 205.5 164.0 246.0

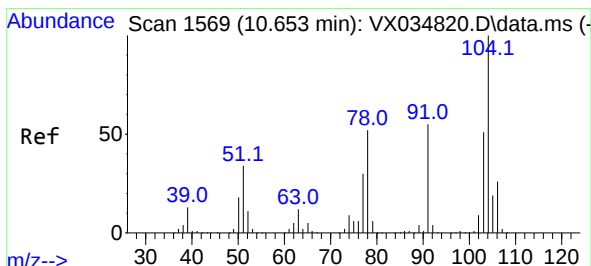
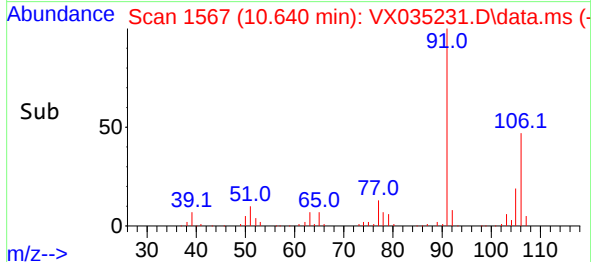
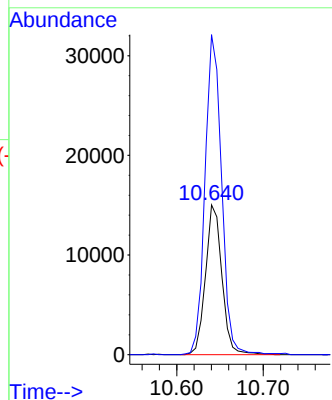
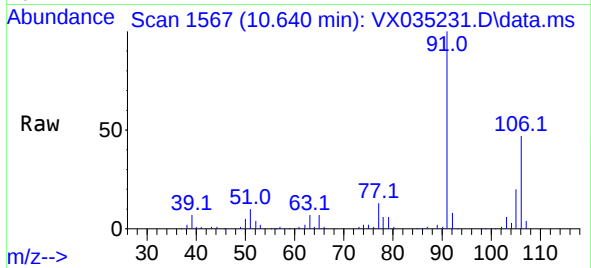




#69
o-Xylene
Concen: 3.658 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

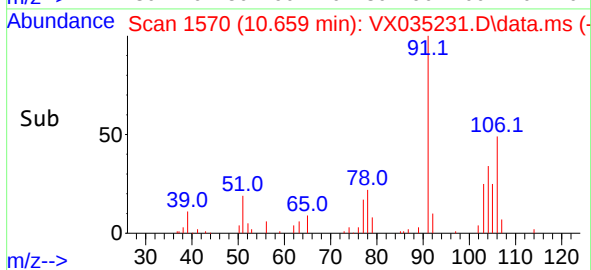
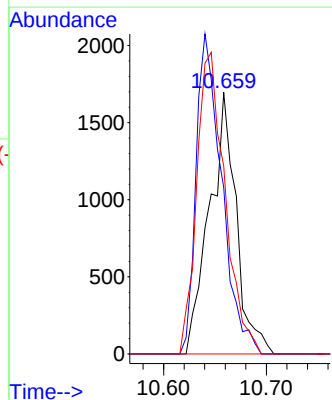
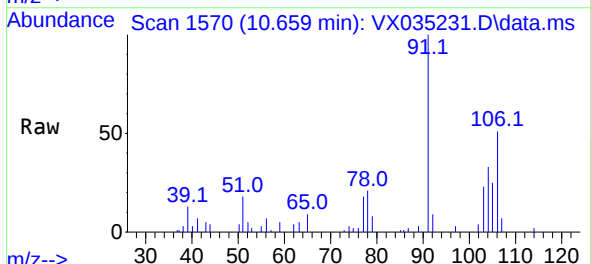
Instrument :
MSVOA_X
ClientSampleId :
230419084-02-VOA

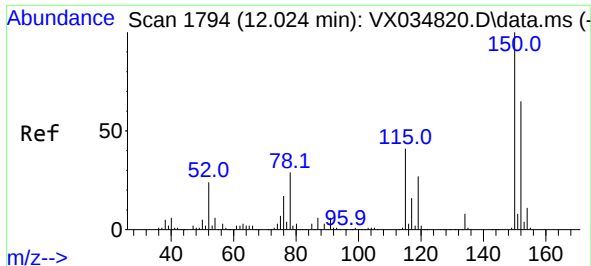
Tgt Ion:106 Resp: 19831
Ion Ratio Lower Upper
106 100
91 215.2 108.5 325.3



#70
Styrene
Concen: 0.354 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

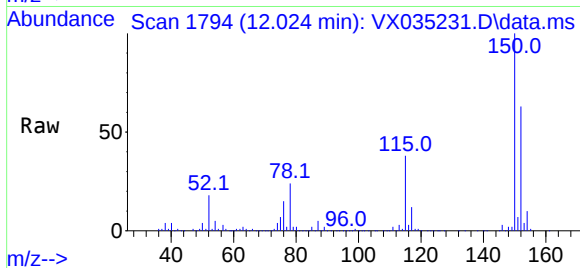
Tgt Ion:104 Resp: 3063
Ion Ratio Lower Upper
104 100
78 117.2 43.4 65.2#
103 122.1 44.2 66.2#



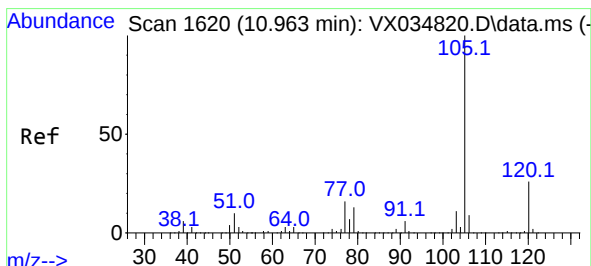
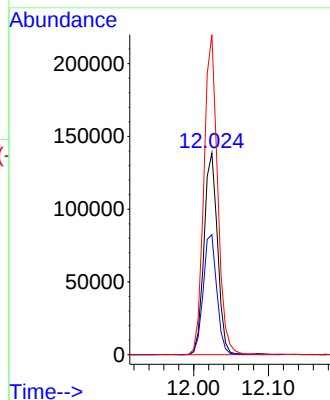
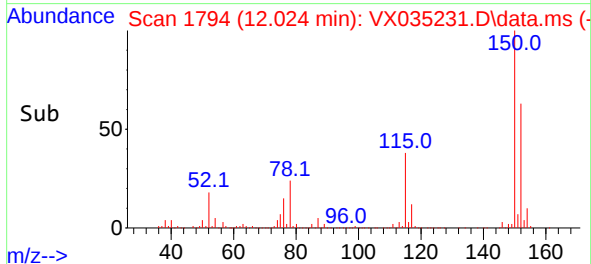


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

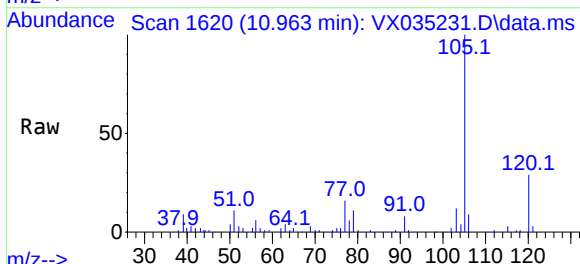
Instrument :
MSVOA_X
ClientSampleId :
230419084-02-VOA



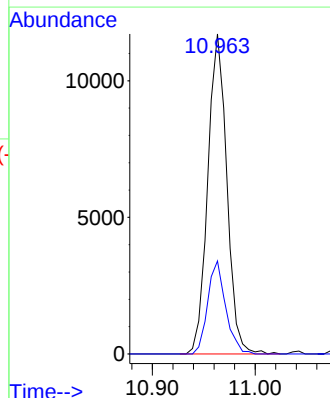
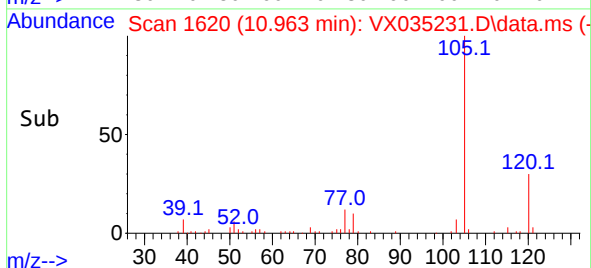
Tgt Ion:152 Resp: 174020
Ion Ratio Lower Upper
152 100
115 60.2 45.0 135.0
150 160.9 0.0 352.4

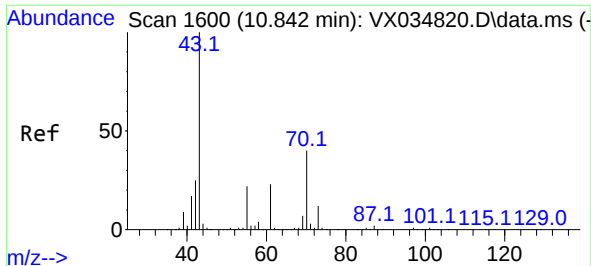


#73
Isopropylbenzene
Concen: 1.185 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16



Tgt Ion:105 Resp: 15109
Ion Ratio Lower Upper
105 100
120 27.4 13.3 39.9

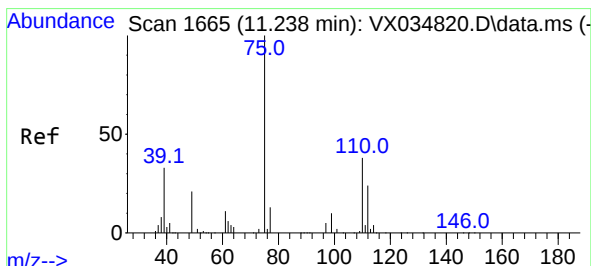
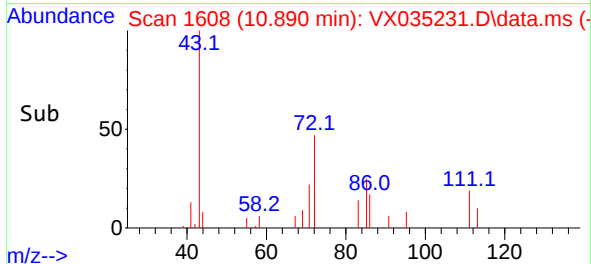
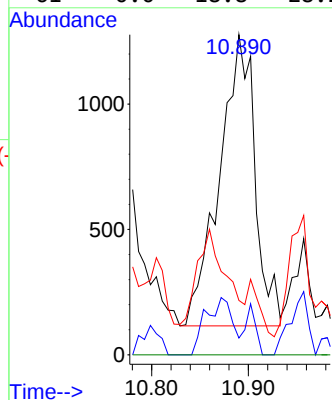
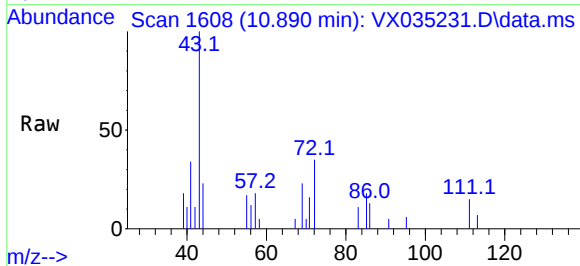




#74
N-amy1 acetate
Concen: 0.518 ug/l
RT: 10.890 min Scan# 1639
Delta R.T. 0.048 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

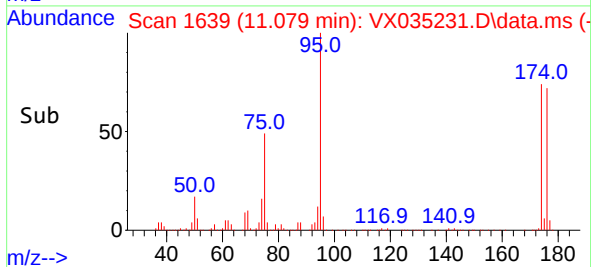
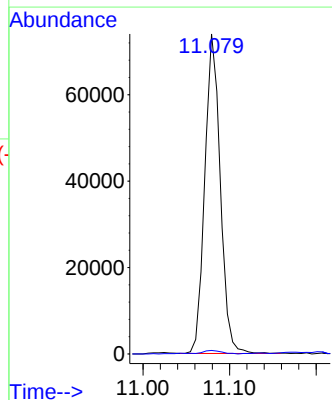
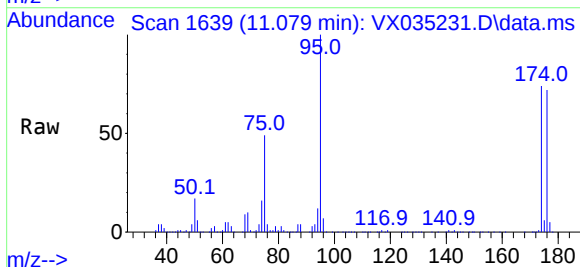
Instrument :
MSVOA_X
ClientSampleId :
230419084-02-VOA

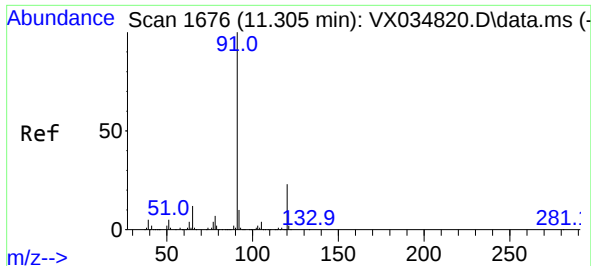
Tgt Ion: 43	Resp: 2968
Ion Ratio	Lower Upper
43	100
70	5.0 32.1 48.1#
55	0.0 18.3 27.5#
61	0.0 18.8 28.2#



#76
1,2,3-Trichloropropane
Concen: 26.159 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Tgt Ion: 75	Resp: 91725
Ion Ratio	Lower Upper
75	100
77	1.4 21.6 64.8#

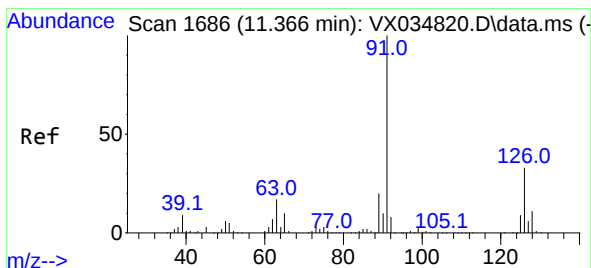
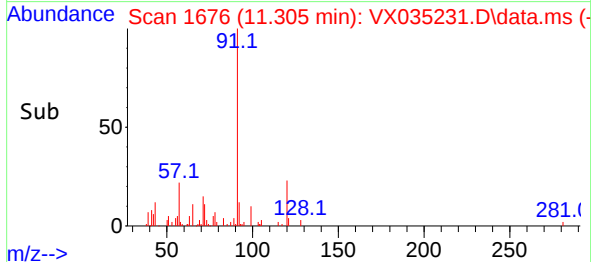
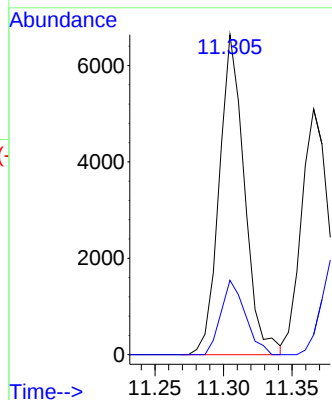
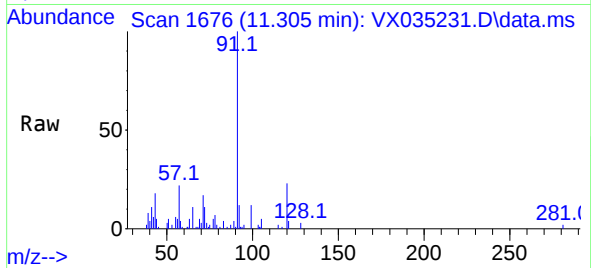




#78
n-propylbenzene
Concen: 0.576 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

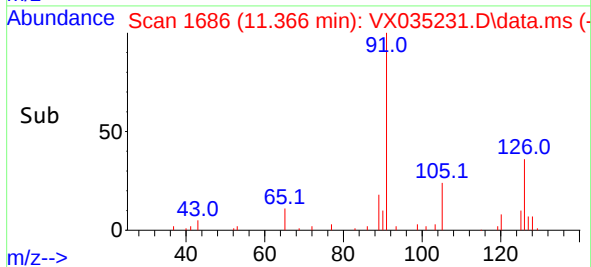
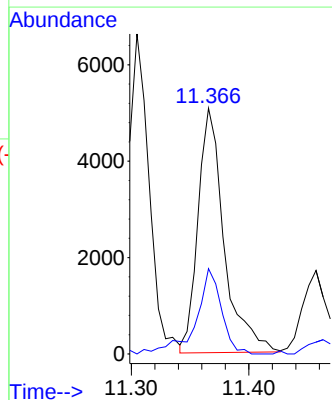
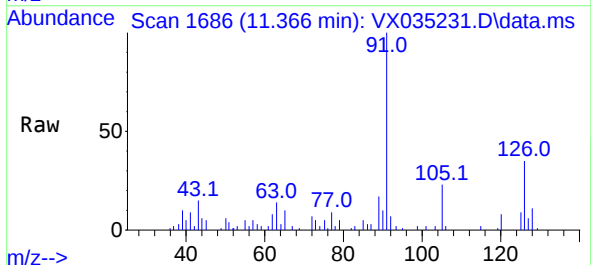
Instrument :
MSVOA_X
ClientSampleId :
230419084-02-VOA

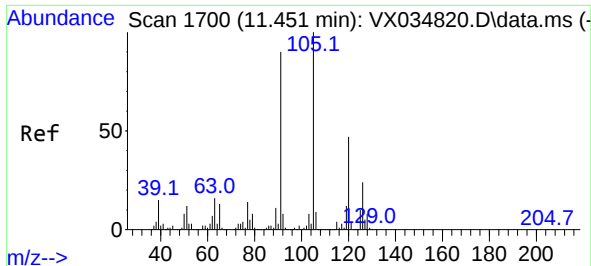
Tgt Ion: 91 Resp: 8489
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.5



#79
2-Chlorotoluene
Concen: 0.844 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Tgt Ion: 91 Resp: 7845
Ion Ratio Lower Upper
91 100
126 34.1 16.3 48.9

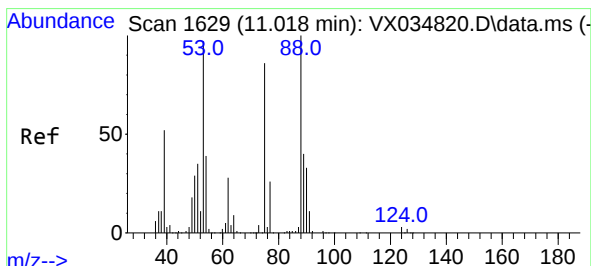
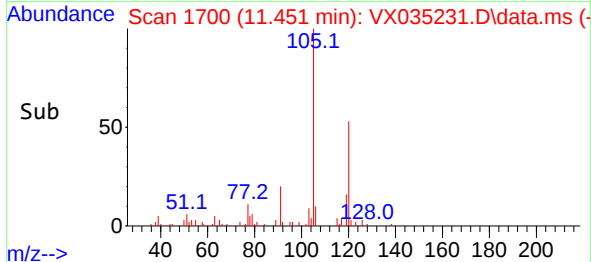
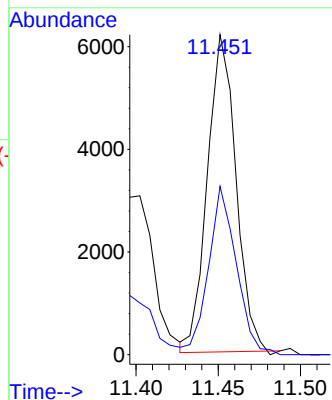
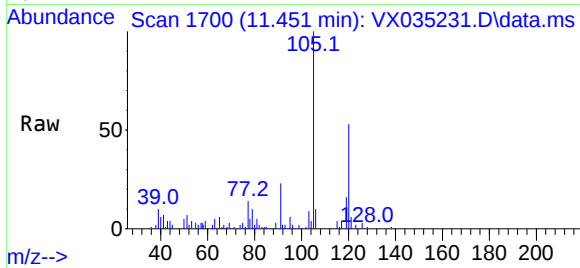




#80
1,3,5-Trimethylbenzene
Concen: 0.700 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

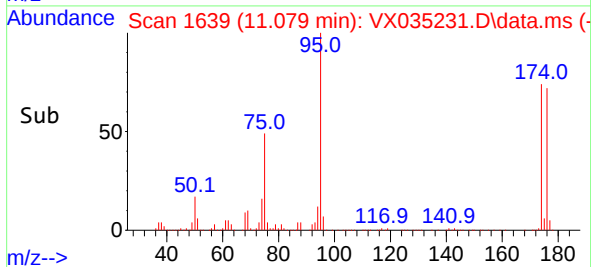
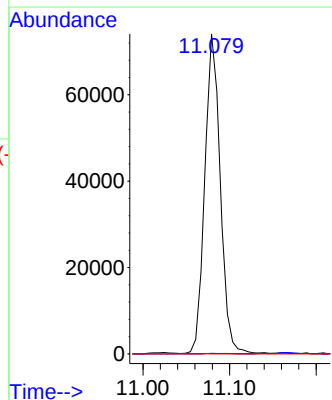
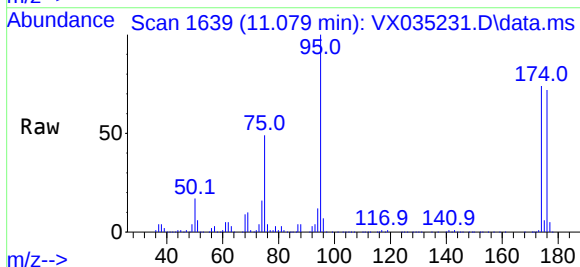
Instrument :
MSVOA_X
ClientSampleId :
230419084-02-VOA

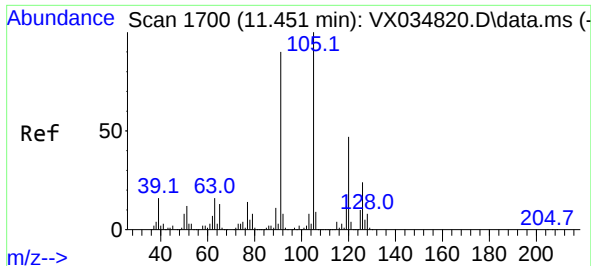
Tgt Ion:105 Resp: 7460
Ion Ratio Lower Upper
105 100
120 51.8 23.7 71.1



#81
trans-1,4-Dichloro-2-butene
Concen: 78.398 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Tgt Ion: 75 Resp: 91725
Ion Ratio Lower Upper
75 100
53 0.2 82.6 124.0#
89 0.0 36.9 55.3#

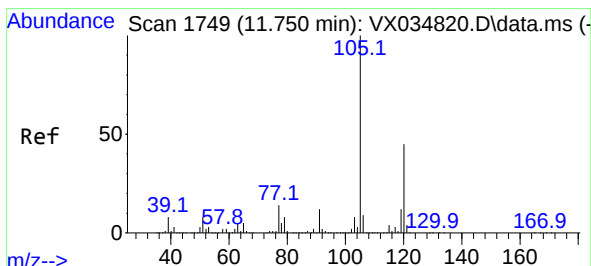
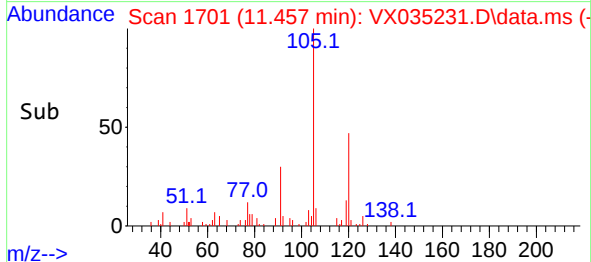
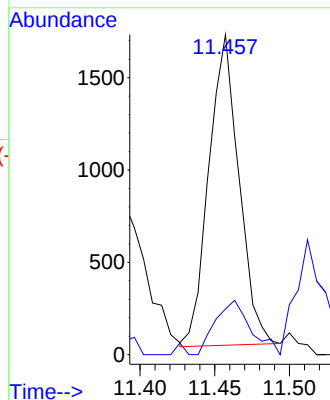
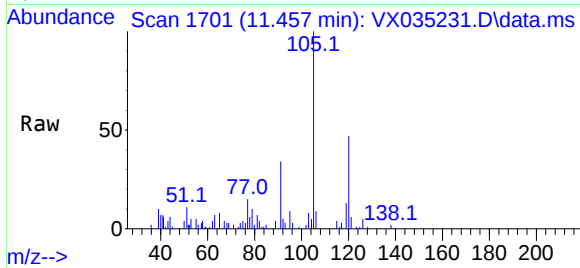




#82
4-Chlorotoluene
Concen: 0.218 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

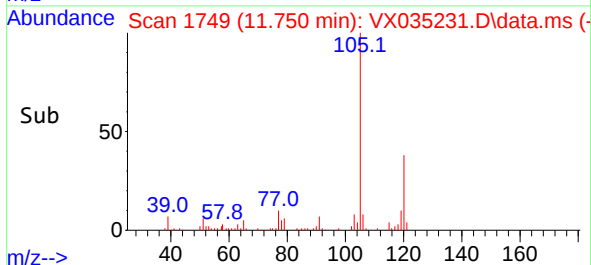
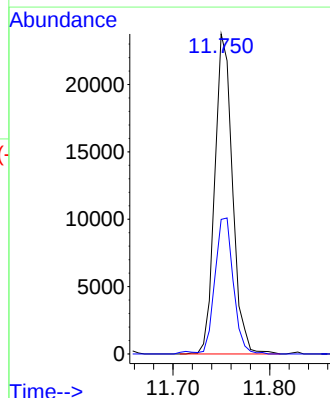
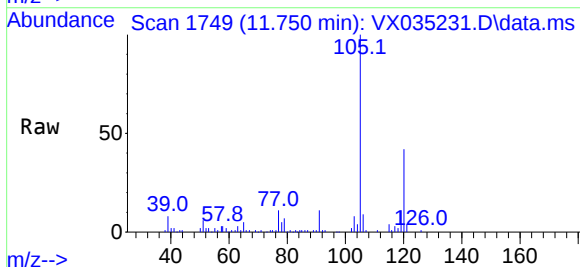
Instrument :
MSVOA_X
ClientSampleId :
230419084-02-VOA

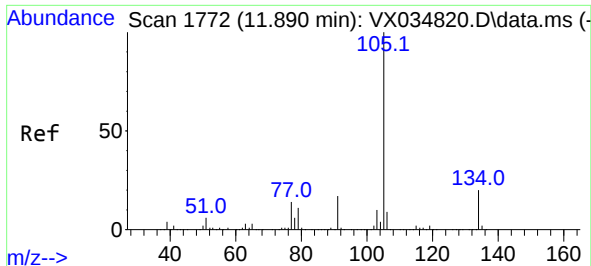
Tgt Ion: 91 Resp: 2358
Ion Ratio Lower Upper
91 100
126 19.2 14.2 42.6



#84
1,2,4-Trimethylbenzene
Concen: 2.781 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Tgt Ion: 105 Resp: 30147
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.0

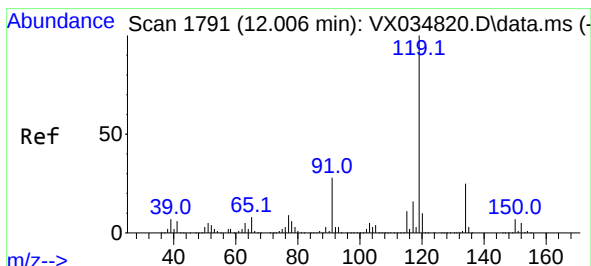
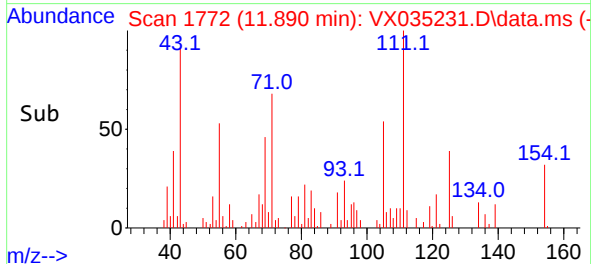
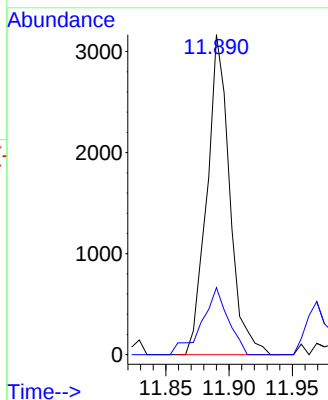
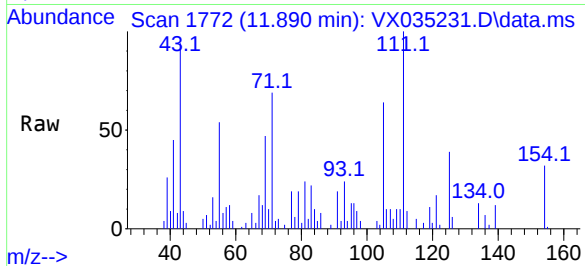




#85
 sec-Butylbenzene
 Concen: 0.325 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035231.D
 Acq: 21 Apr 2023 15:16

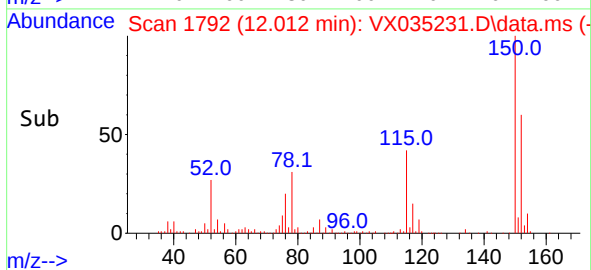
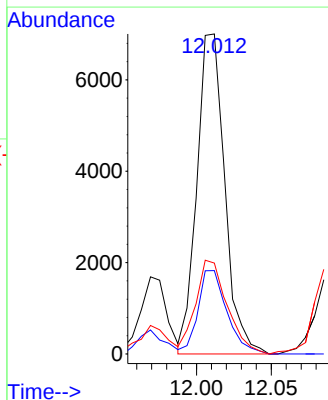
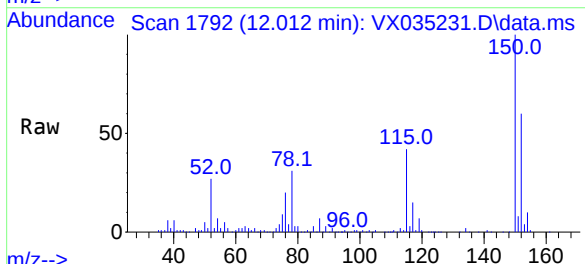
Instrument :
 MSVOA_X
 ClientSampleId :
 230419084-02-VOA

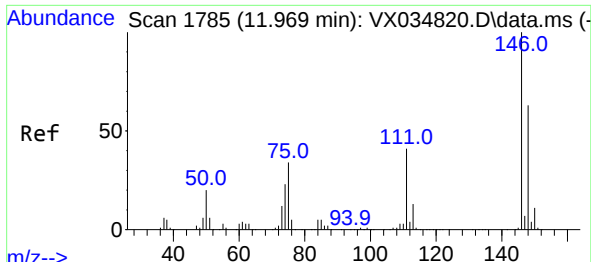
Tgt Ion:105 Resp: 3954
 Ion Ratio Lower Upper
 105 100
 134 24.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 0.894 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035231.D
 Acq: 21 Apr 2023 15:16

Tgt Ion:119 Resp: 9077
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.2 39.5
 91 33.4 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 12.812 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.073 min

Lab File: VX035231.D

Acq: 21 Apr 2023 15:16

Instrument :

MSVOA_X

ClientSampleId :

230419084-02-VOA

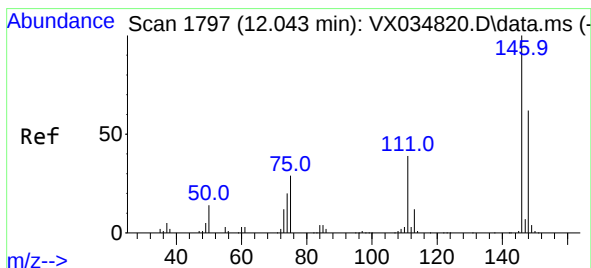
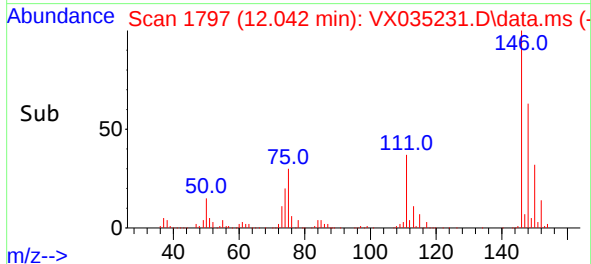
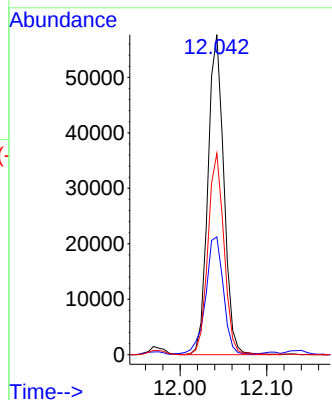
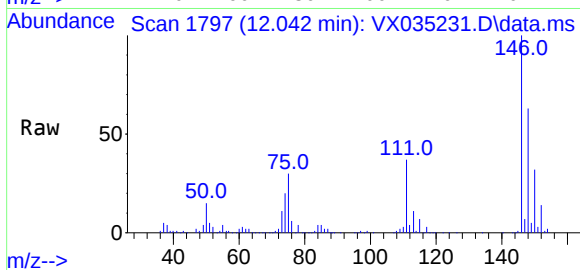
Tgt Ion:146 Resp: 73698

Ion Ratio Lower Upper

146 100

111 40.9 20.9 62.8

148 63.3 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 12.267 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX035231.D

Acq: 21 Apr 2023 15:16

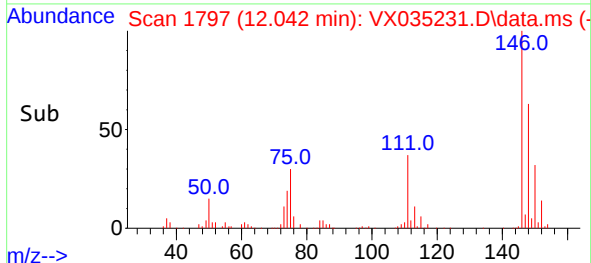
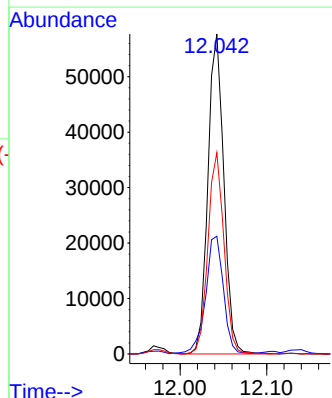
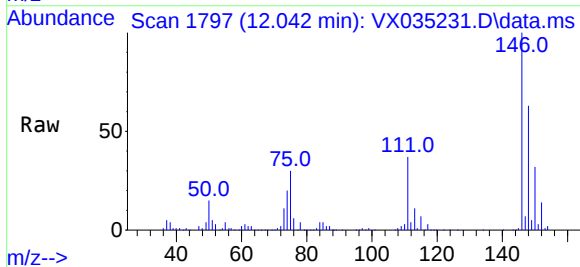
Tgt Ion:146 Resp: 73698

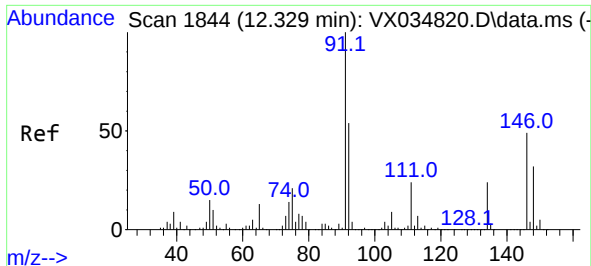
Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.9

148 63.3 31.8 95.4

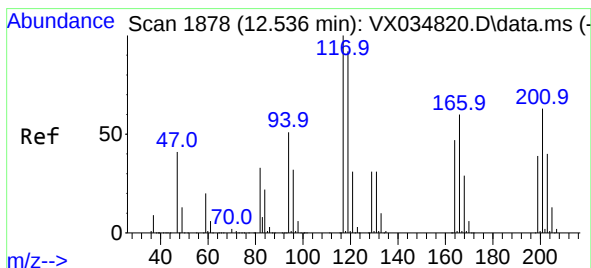
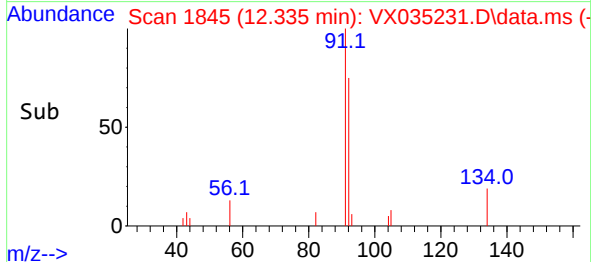
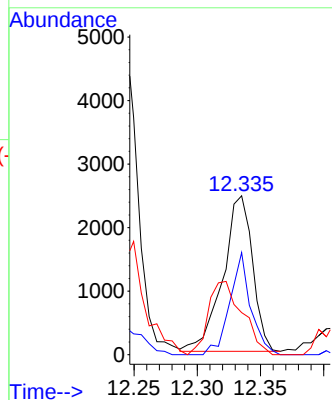
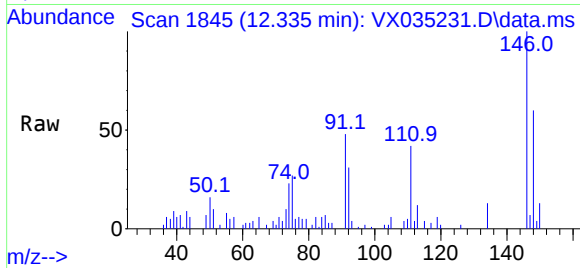




#89
n-Butylbenzene
Concen: 0.452 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

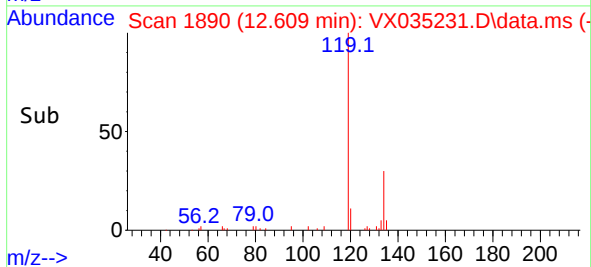
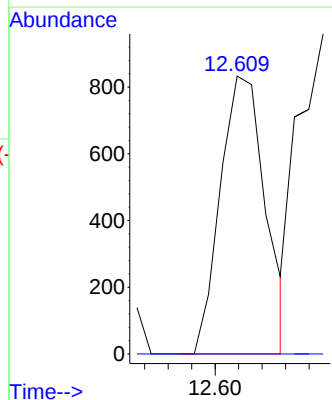
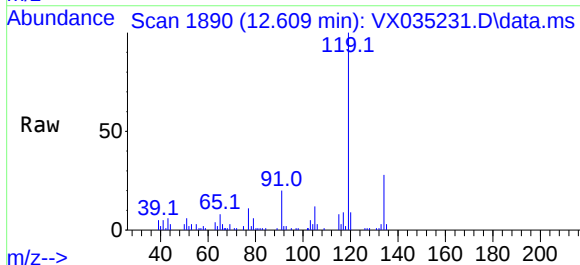
Instrument :
MSVOA_X
ClientSampleId :
230419084-02-VOA

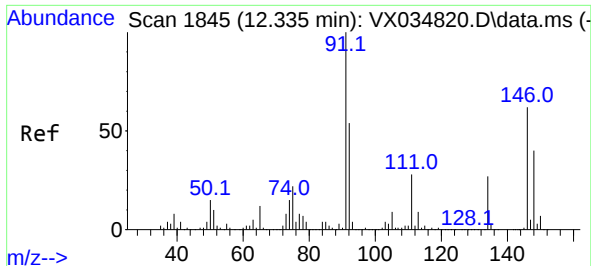
Tgt Ion: 91 Resp: 4009
Ion Ratio Lower Upper
91 100
92 46.2 27.7 83.0
134 53.8 13.0 38.9#



#90
Hexachloroethane
Concen: 0.707 ug/l
RT: 12.609 min Scan# 1890
Delta R.T. 0.073 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

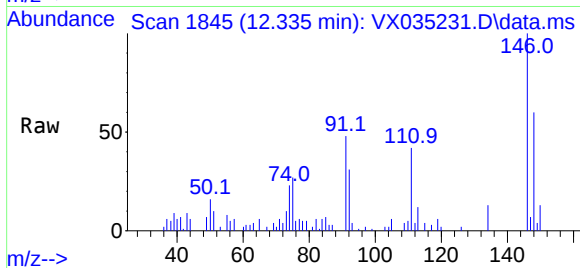
Tgt Ion: 117 Resp: 1112
Ion Ratio Lower Upper
117 100
201 0.0 34.4 103.1#



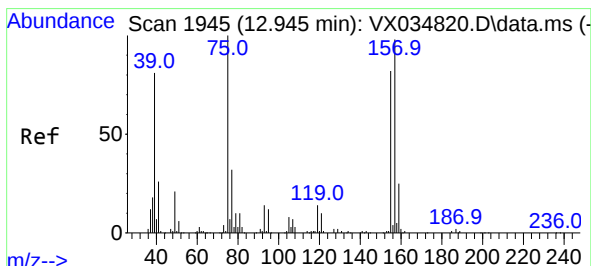
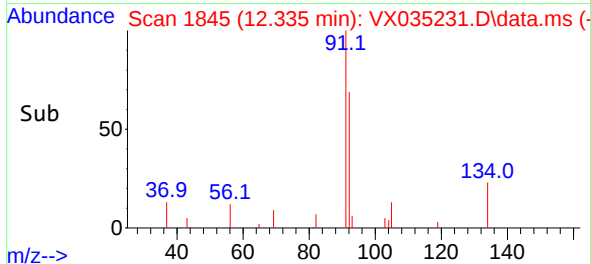
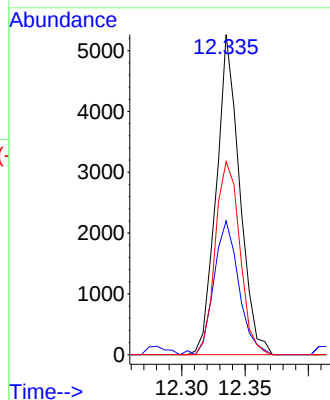


#91
1,2-Dichlorobenzene
Concen: 1.167 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Instrument :
MSVOA_X
ClientSampleId :
230419084-02-VOA

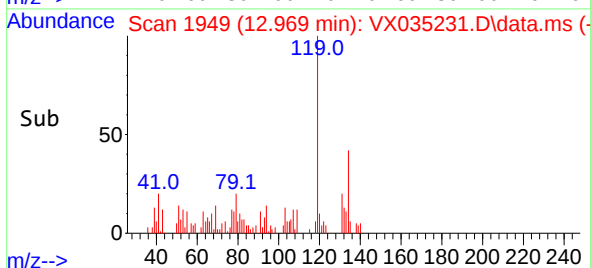
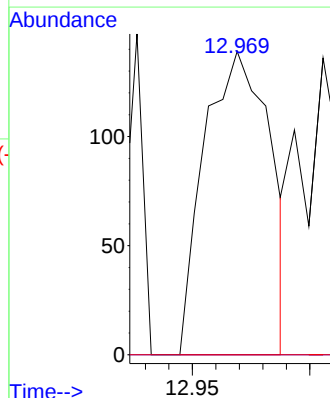
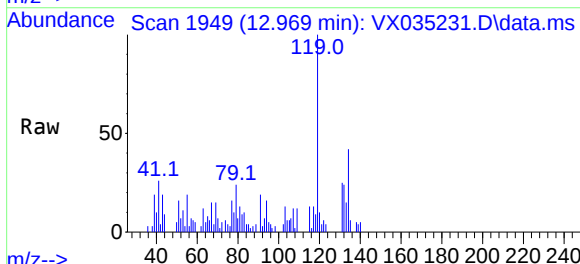


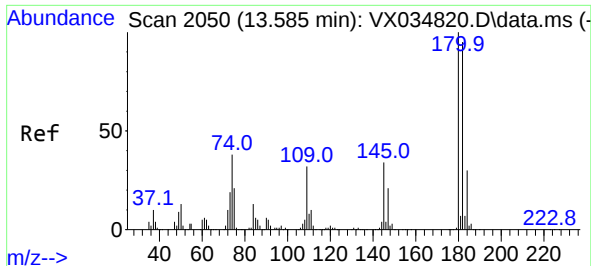
Tgt Ion:146 Resp: 6722
Ion Ratio Lower Upper
146 100
111 44.7 22.0 66.0
148 63.7 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.311 ug/l
RT: 12.969 min Scan# 1949
Delta R.T. 0.024 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Tgt Ion: 75 Resp: 271
Ion Ratio Lower Upper
75 100
155 0.0 38.4 115.1#
157 0.0 49.9 149.7#

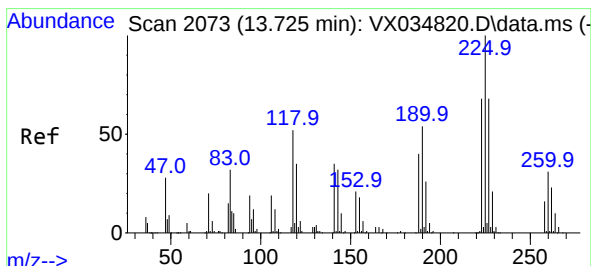
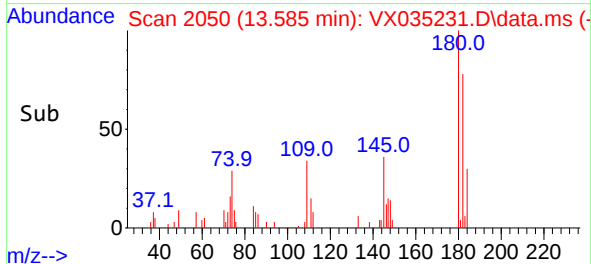
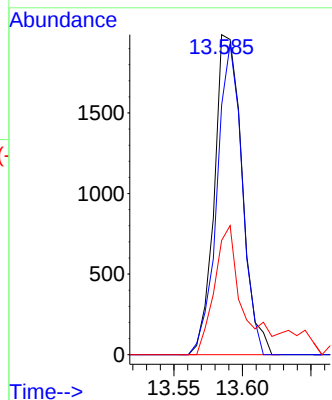
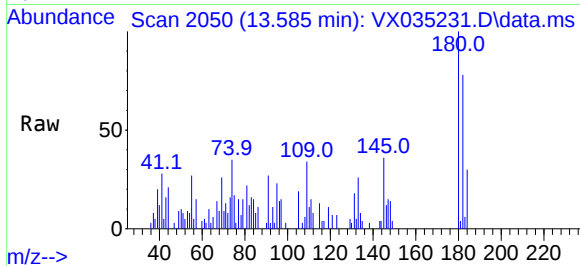




#93
1,2,4-Trichlorobenzene
Concen: 0.856 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

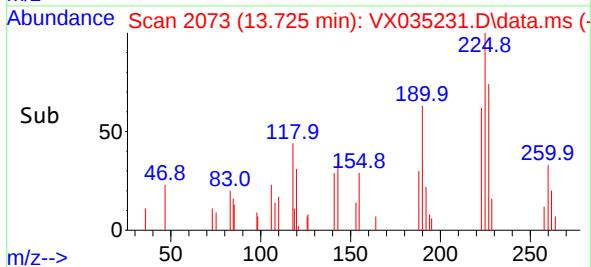
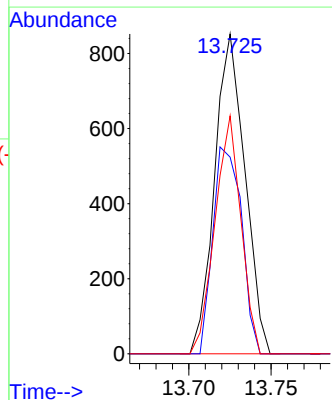
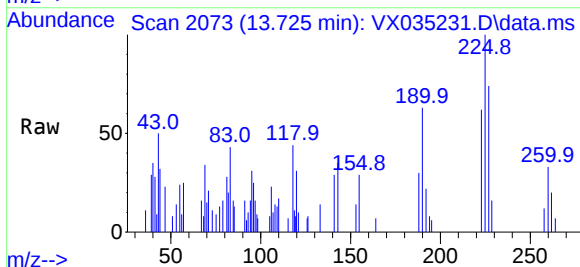
Instrument :
MSVOA_X
ClientSampleId :
230419084-02-VOA

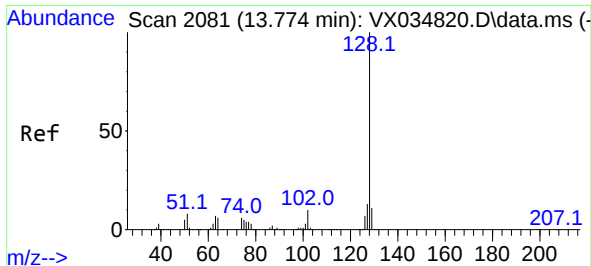
Tgt Ion:180 Resp: 2789
Ion Ratio Lower Upper
180 100
182 88.1 47.0 141.0
145 42.1 15.9 47.7



#94
Hexachlorobutadiene
Concen: 0.762 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Tgt Ion:225 Resp: 1092
Ion Ratio Lower Upper
225 100
223 61.1 32.1 96.5
227 63.7 31.8 95.4

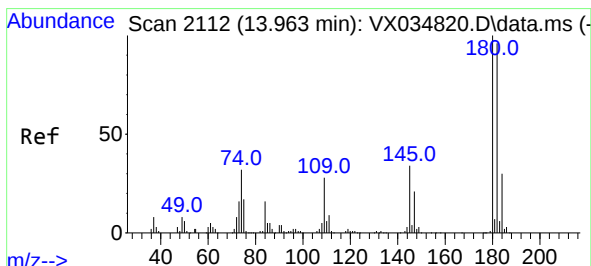
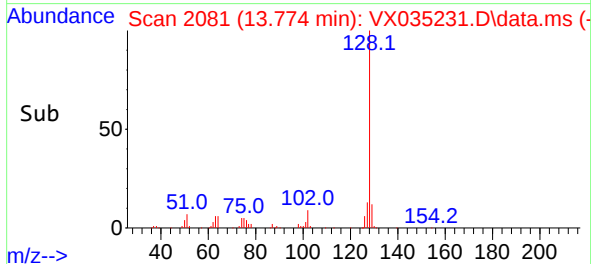
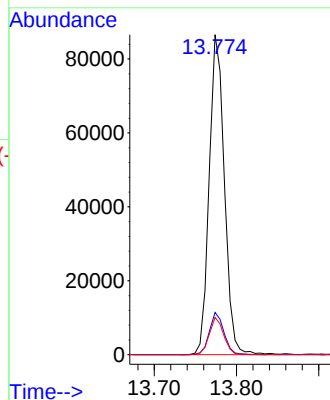
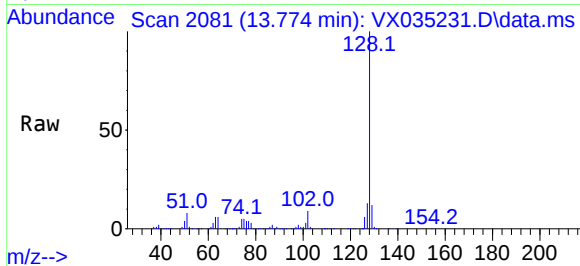




#95
Naphthalene
Concen: 9.613 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Instrument :
MSVOA_X
ClientSampleId :
230419084-02-VOA

Tgt Ion:	128	Resp:	111298
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.1	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.539 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX035231.D
Acq: 21 Apr 2023 15:16

Tgt Ion:	180	Resp:	1771
Ion	Ratio	Lower	Upper
180	100		
182	93.1	48.0	144.2
145	43.1	17.7	53.1

