

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111323\
 Data File : VX038770.D
 Acq On : 13 Nov 2023 10:52
 Operator : JC/MD
 Sample : VX1113MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 14 05:30:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

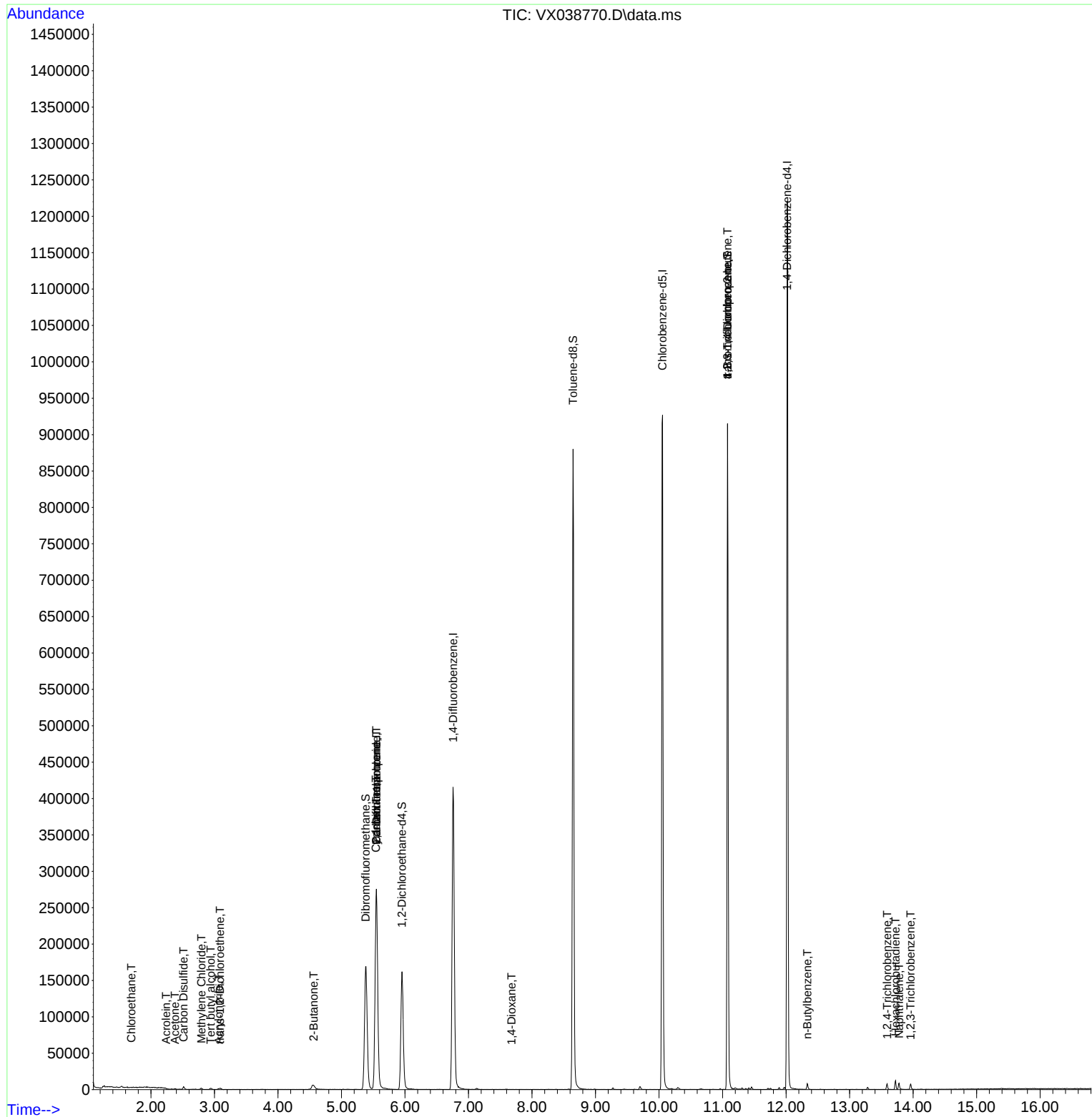
Internal Standards						
1) Pentafluorobenzene	5.549	168	283104	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	472628	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	490053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	280789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	160719	45.600	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.200%
35) Dibromofluoromethane	5.379	113	150740	44.283	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.560%
50) Toluene-d8	8.646	98	566076	46.472	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.940%
62) 4-Bromofluorobenzene	11.079	95	240697	50.966	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.940%
Target Compounds						
						Qvalue
6) Chloroethane	1.690	64	345	0.201	ug/l	# 43
11) Tert butyl alcohol	2.940	59	1163	1.614	ug/l	# 78
13) Acrolein	2.239	56	334	0.612	ug/l	97
15) Acrylonitrile	3.068	53	957	0.629	ug/l	95
16) Acetone	2.379	43	965	0.650	ug/l	98
17) Carbon Disulfide	2.513	76	4050	0.577	ug/l	95
20) Methylene Chloride	2.794	84	920	0.307	ug/l	# 74
21) trans-1,2-Dichloroethene	3.086	96	637	0.221	ug/l	# 66
25) 2-Butanone	4.562	43	587	0.273	ug/l	# 51
31) Cyclohexane	5.543	56	4491	1.151	ug/l	# 1
36) 1,1-Dichloropropene	5.549	75	18105	4.282	ug/l	# 52
38) Carbon Tetrachloride	5.549	117	27056	5.724	ug/l	# 14
49) 1,4-Dioxane	7.677	88	92	1.263	ug/l	# 12
76) 1,2,3-Trichloropropane	11.079	75	117168	21.070	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	117168	64.021	ug/l	# 5
89) n-Butylbenzene	12.335	91	2968	0.209	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	2619	0.415	ug/l	92
94) Hexachlorobutadiene	13.725	225	2101	0.771	ug/l	94
95) Naphthalene	13.780	128	7301	0.383	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	2551	0.410	ug/l	94

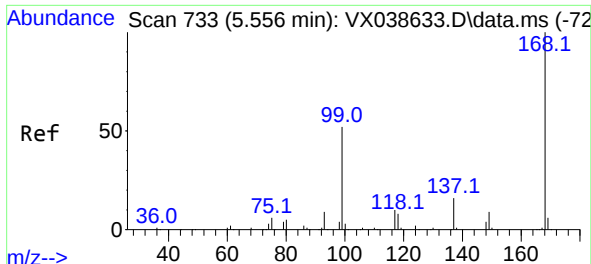
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

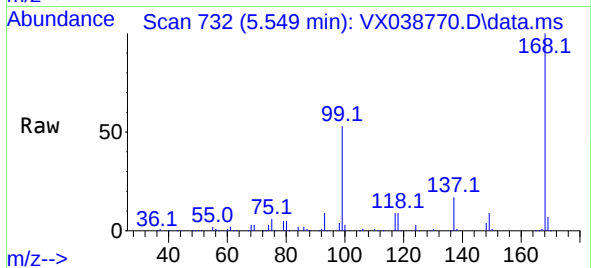
Quant Time: Nov 14 05:30:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration



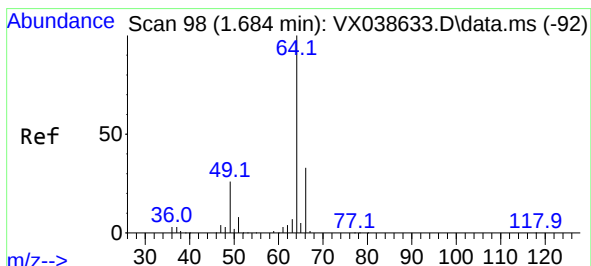
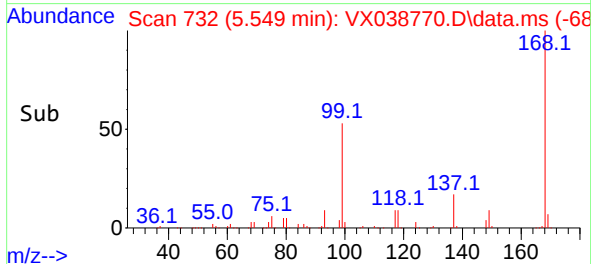
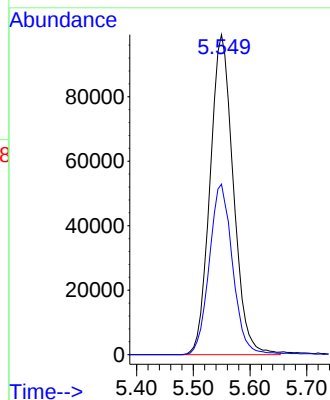


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :

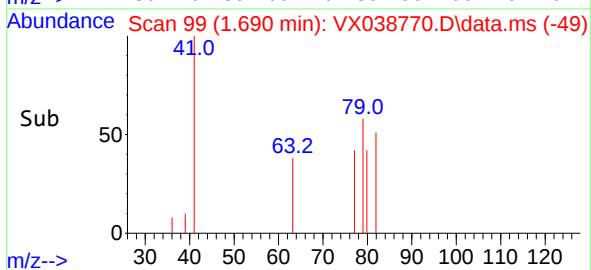
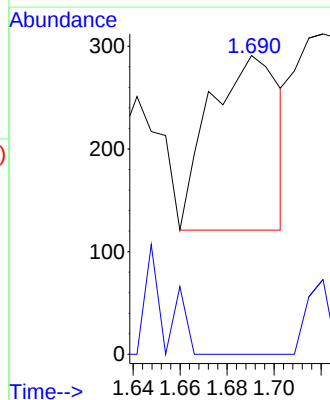
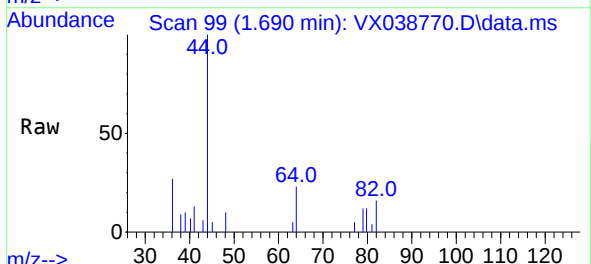


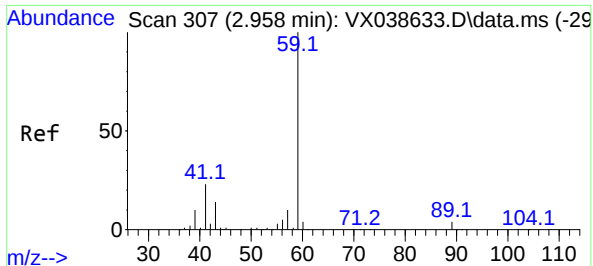
Tgt Ion:168 Resp: 283104
Ion Ratio Lower Upper
168 100
99 53.3 56.6 85.0#



#6
Chloroethane
Concen: 0.201 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

Tgt Ion: 64 Resp: 345
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

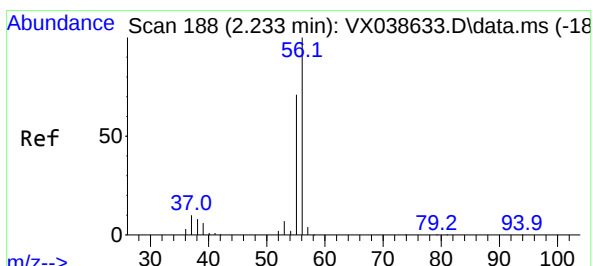
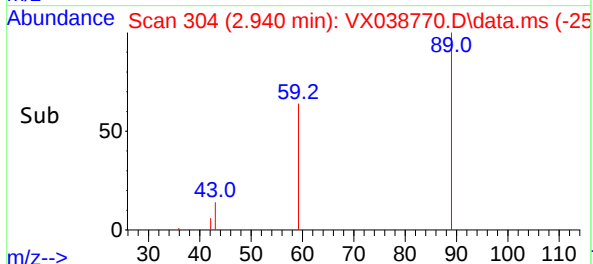
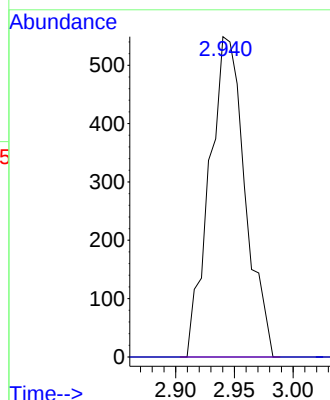
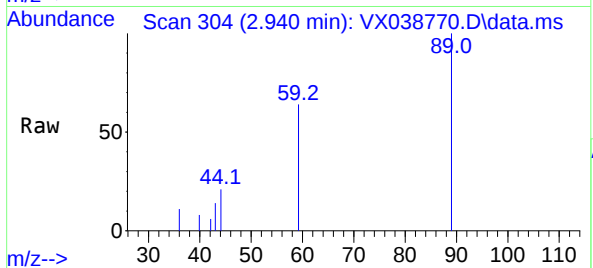




#11
Tert butyl alcohol
Concen: 1.614 ug/l
RT: 2.940 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

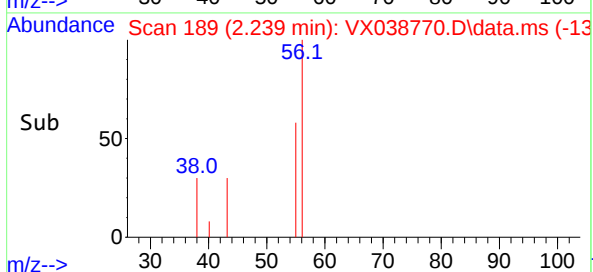
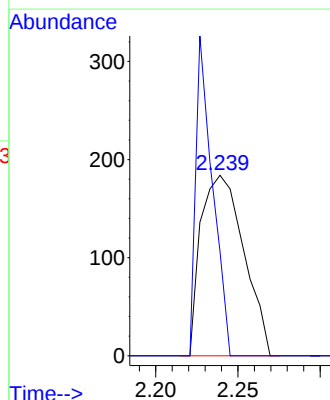
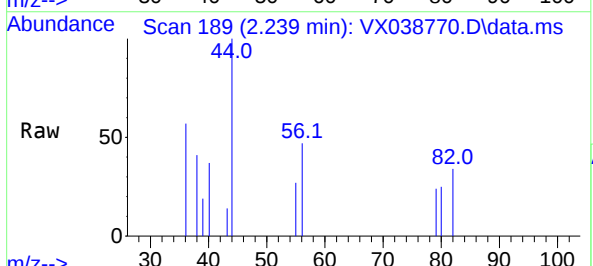
Instrument :
MSVOA_X
ClientSampleId :

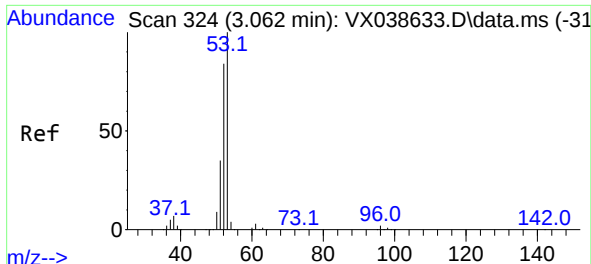
Tgt Ion: 59 Resp: 1163
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.612 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

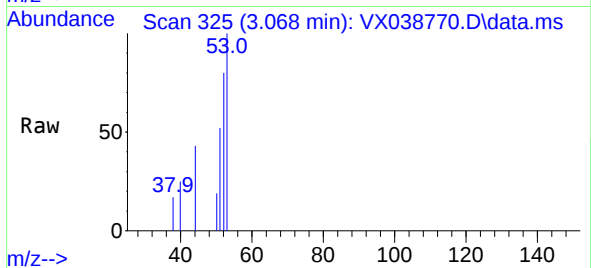
Tgt Ion: 56 Resp: 334
Ion Ratio Lower Upper
56 100
55 68.9 57.1 85.7





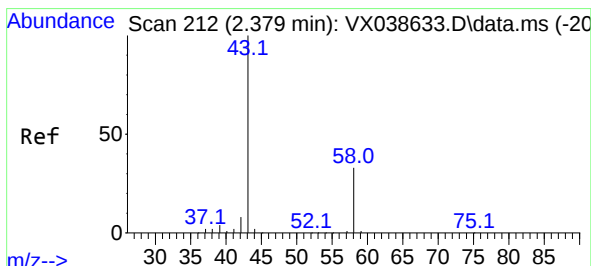
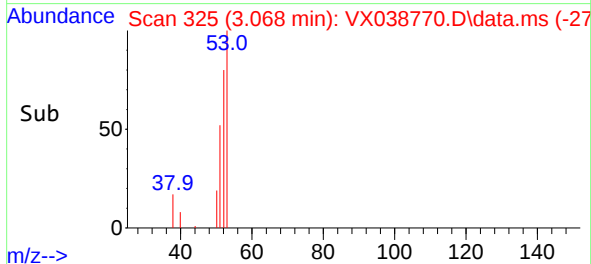
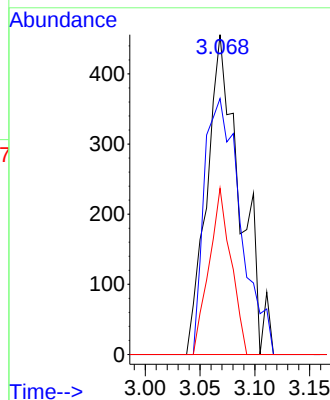
#15
Acrylonitrile
Concen: 0.629 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 53 Resp: 957

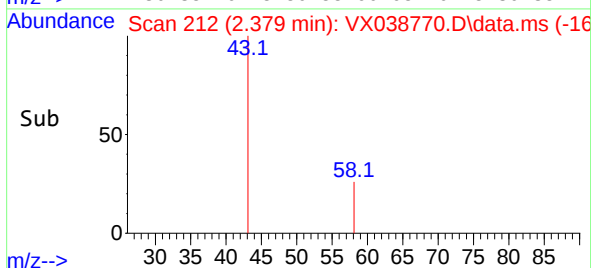
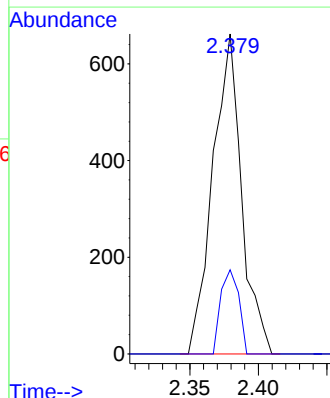
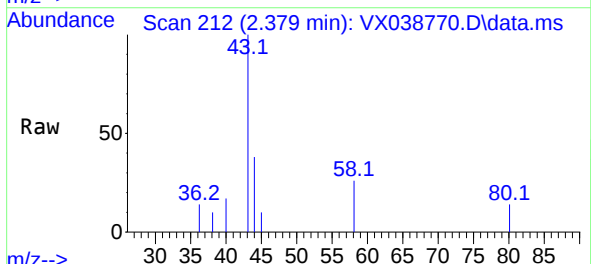
Ion	Ratio	Lower	Upper
53	100		
52	87.6	66.0	99.0
51	34.6	29.8	44.6

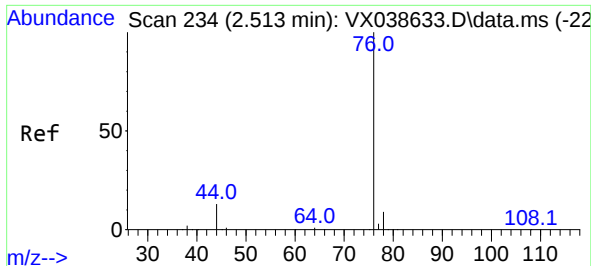


#16
Acetone
Concen: 0.650 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

Tgt Ion: 43 Resp: 965

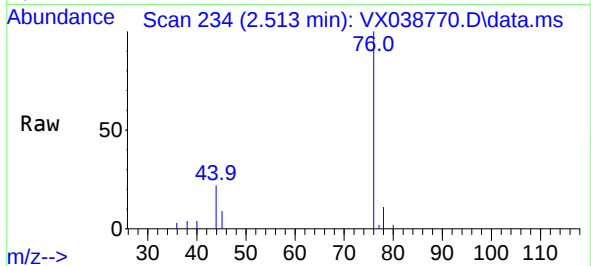
Ion	Ratio	Lower	Upper
43	100		
58	26.3	21.9	32.9



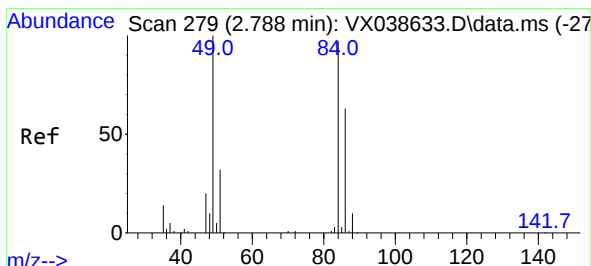
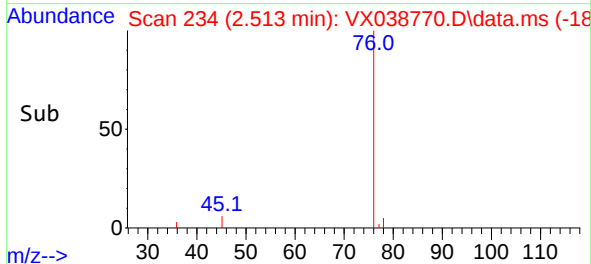
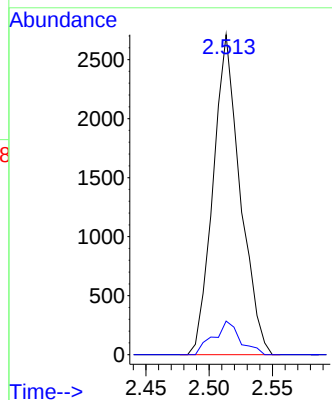


#17
Carbon Disulfide
Concen: 0.577 ug/l
RT: 2.513 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :

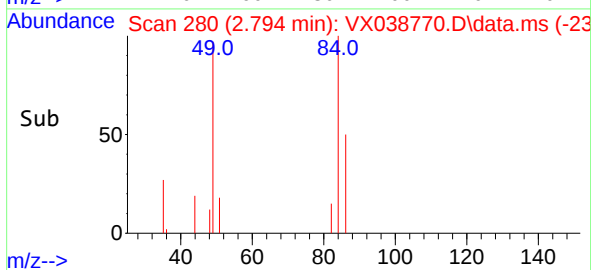
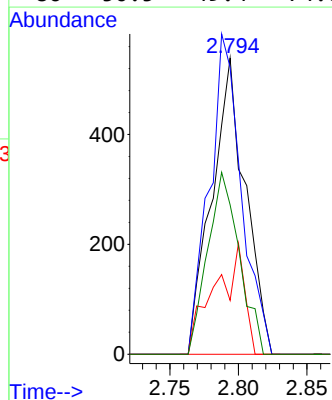
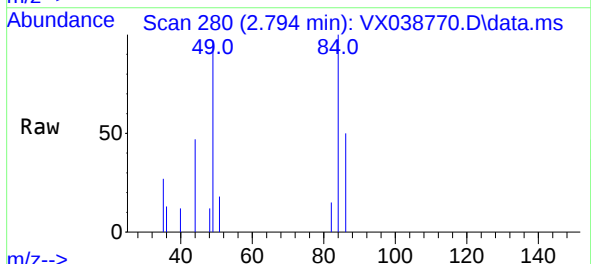


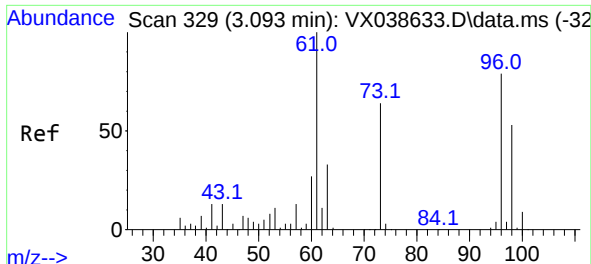
Tgt Ion: 76 Resp: 4050
Ion Ratio Lower Upper
76 100
78 10.5 7.0 10.6



#20
Methylene Chloride
Concen: 0.307 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

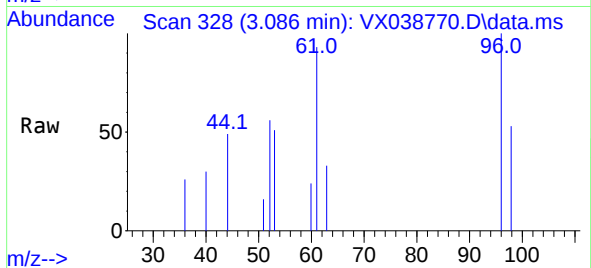
Tgt Ion: 84 Resp: 920
Ion Ratio Lower Upper
84 100
49 96.8 103.6 155.4#
51 18.2 33.8 50.6#
86 50.5 49.4 74.0



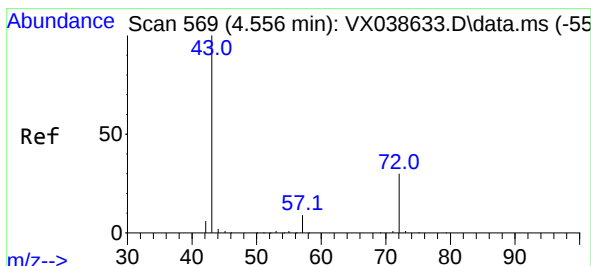
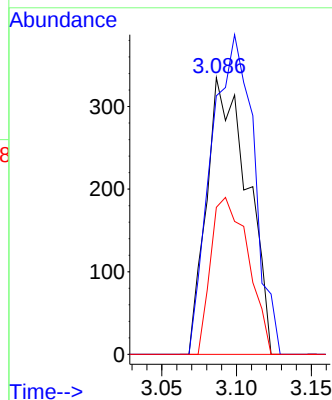
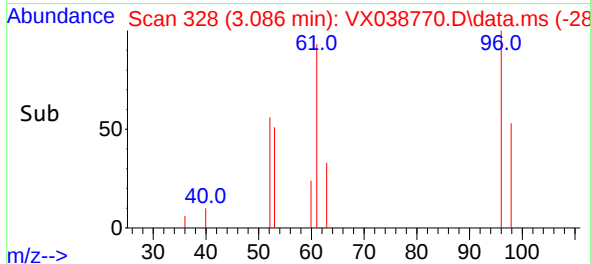


#21
trans-1,2-Dichloroethene
Concen: 0.221 ug/l
RT: 3.086 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :

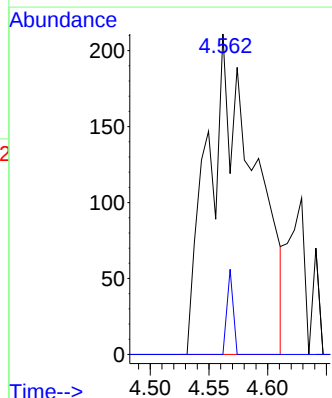
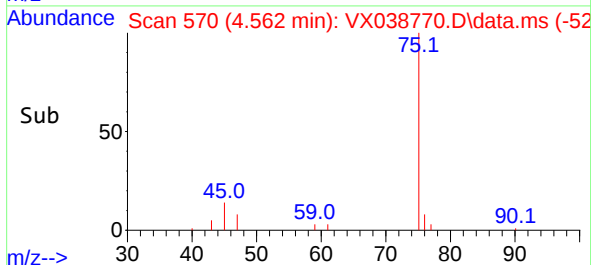
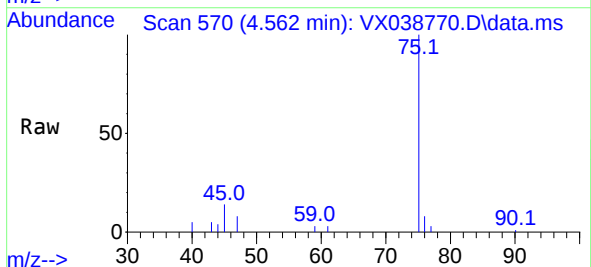


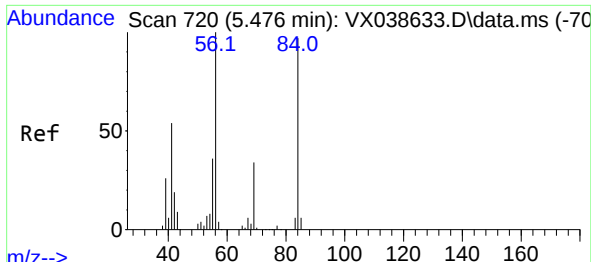
Tgt Ion: 96 Resp: 637
Ion Ratio Lower Upper
96 100
61 93.4 119.2 178.8#
98 53.1 48.7 73.1



#25
2-Butanone
Concen: 0.273 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

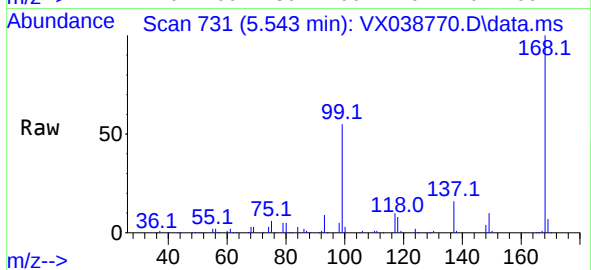
Tgt Ion: 43 Resp: 587
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



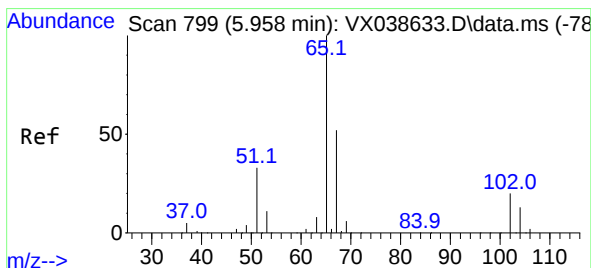
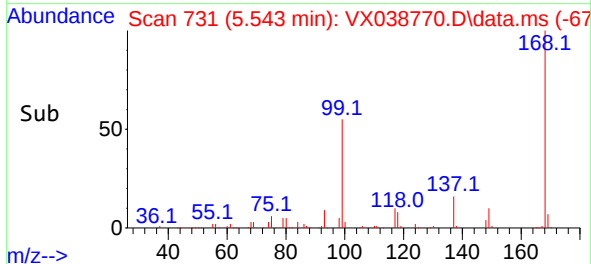
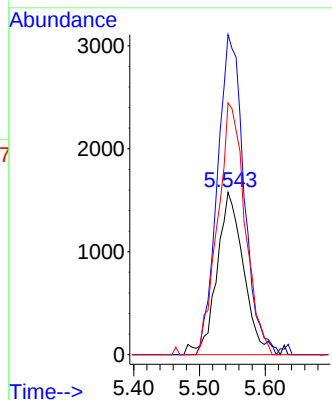


#31
Cyclohexane
Concen: 1.151 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :

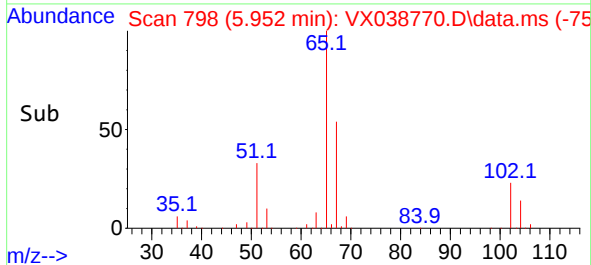
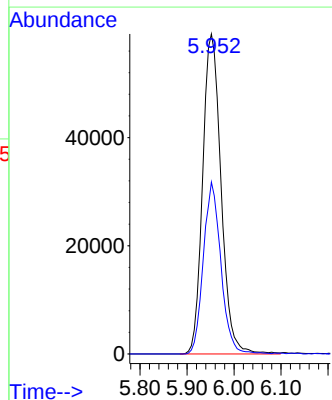
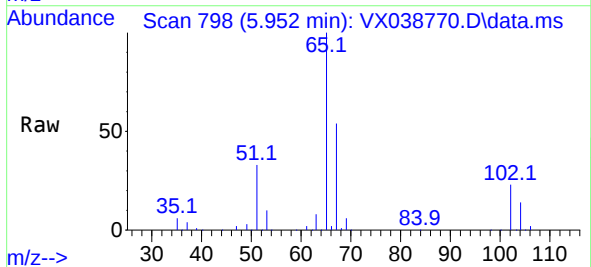


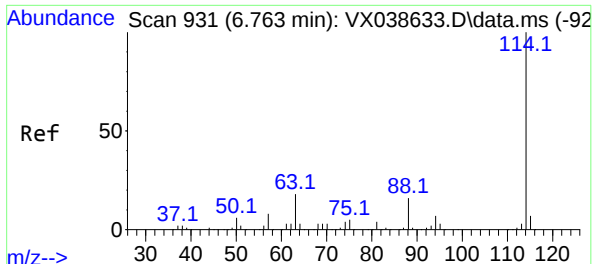
Tgt Ion: 56 Resp: 4491
Ion Ratio Lower Upper
56 100
69 197.0 23.4 35.2#
84 155.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.600 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

Tgt Ion: 65 Resp: 160719
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

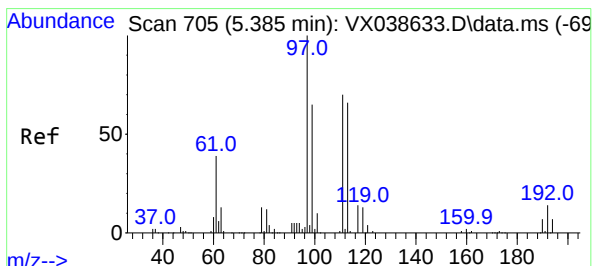
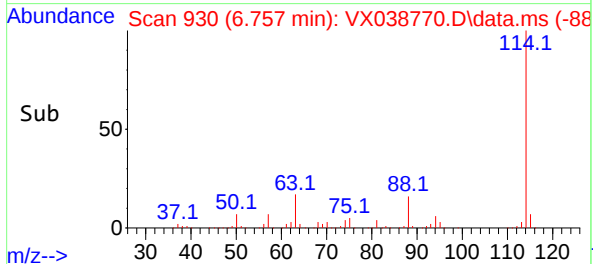
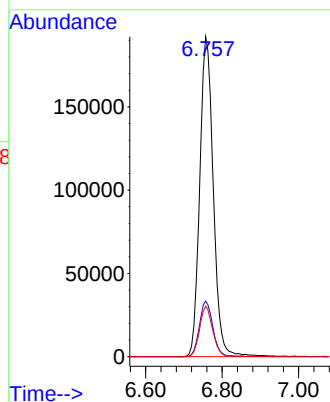
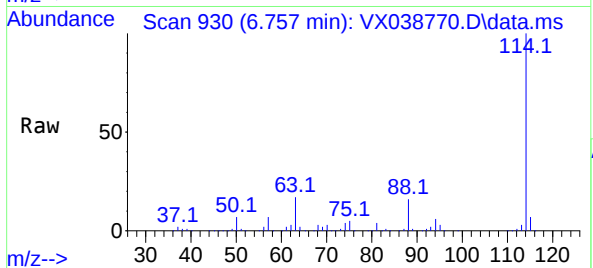




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

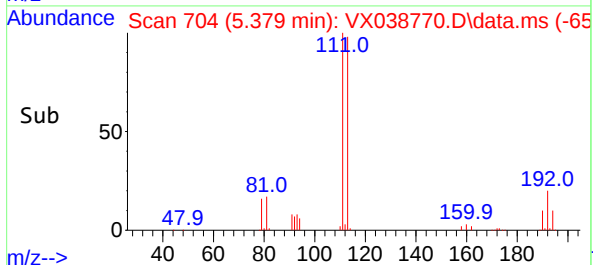
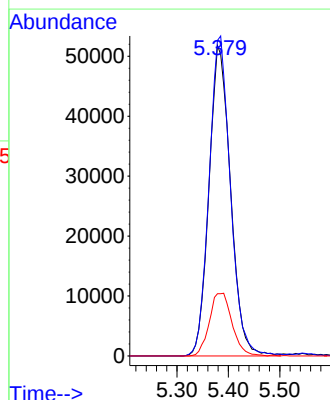
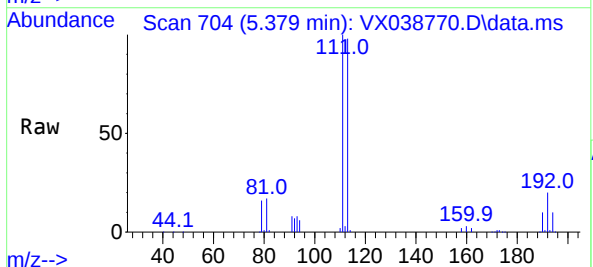
Instrument :
MSVOA_X
ClientSampleId :

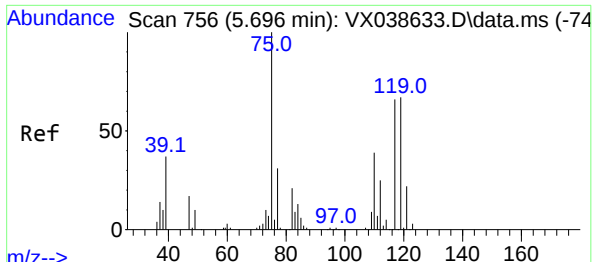
Tgt Ion:114 Resp: 472628
Ion Ratio Lower Upper
114 100
63 17.3 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.283 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

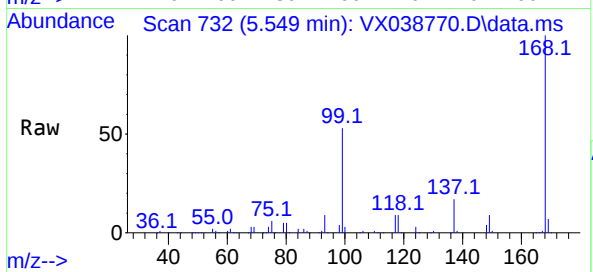
Tgt Ion:113 Resp: 150740
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 21.3 13.3 19.9#



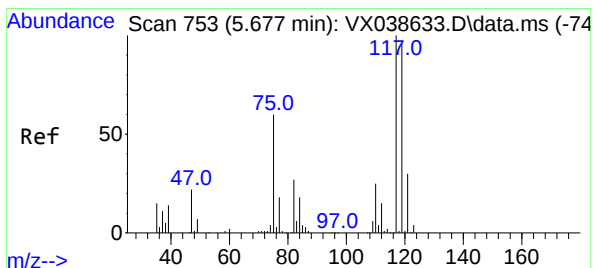
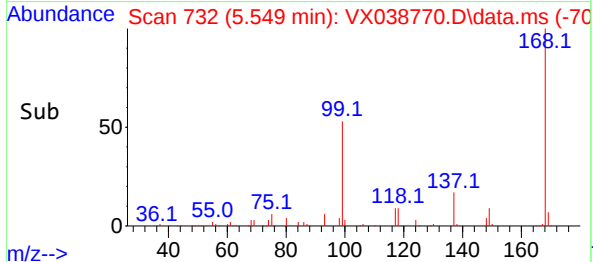
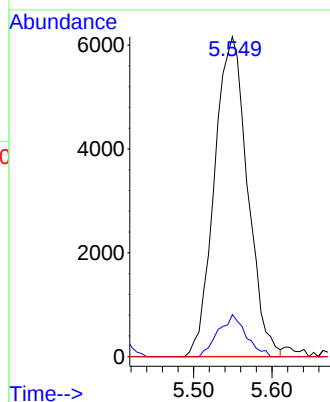


#36
1,1-Dichloropropene
Concen: 4.282 ug/l
RT: 5.549 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :

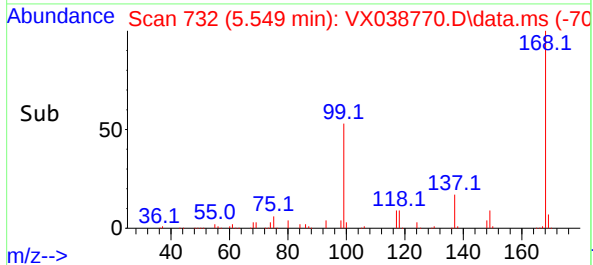
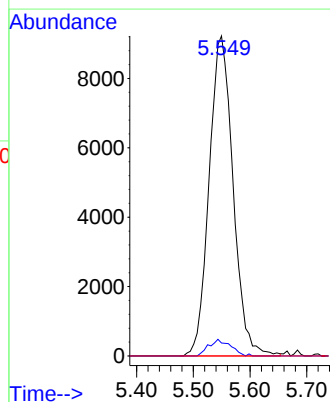
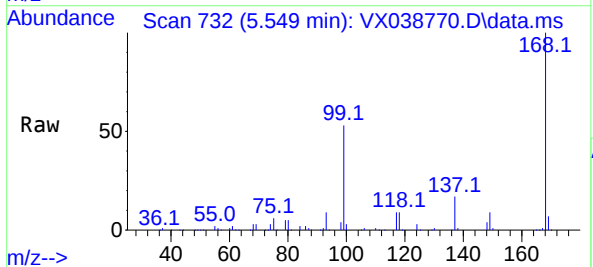


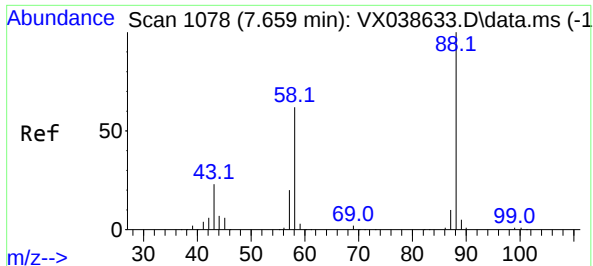
Tgt Ion: 75 Resp: 18105
Ion Ratio Lower Upper
75 100
110 11.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.724 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

Tgt Ion: 117 Resp: 27056
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#





#49

1,4-Dioxane

Concen: 1.263 ug/l

RT: 7.677 min Scan# 1078

Delta R.T. 0.018 min

Lab File: VX038770.D

Acq: 13 Nov 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

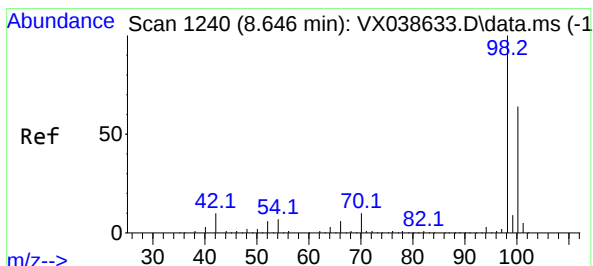
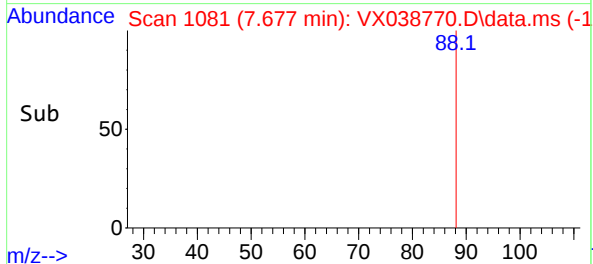
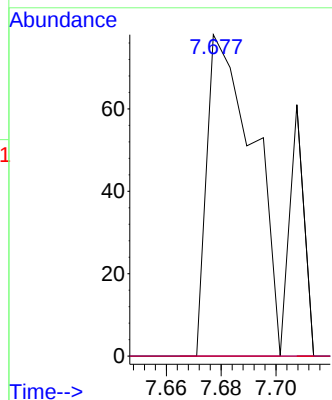
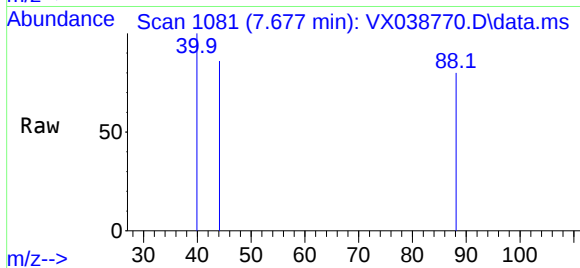
Tgt Ion: 88 Resp: 92

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 60.1 90.1#



#50

Toluene-d8

Concen: 46.472 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038770.D

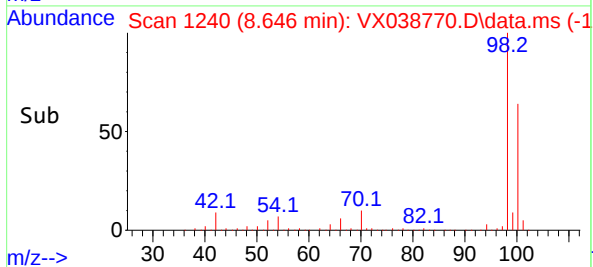
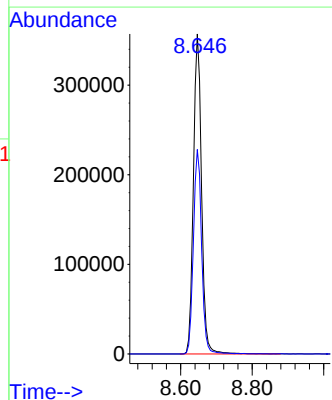
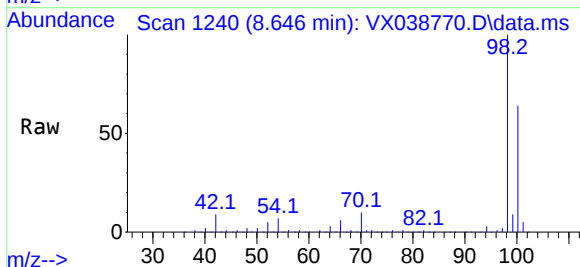
Acq: 13 Nov 2023 10:52

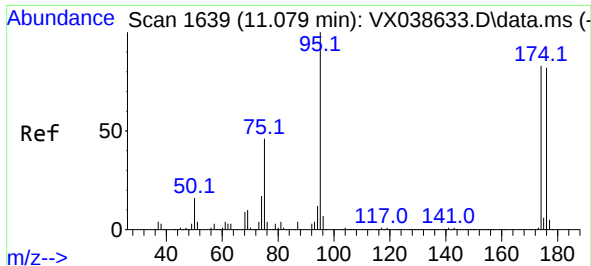
Tgt Ion: 98 Resp: 566076

Ion Ratio Lower Upper

98 100

100 64.4 53.1 79.7

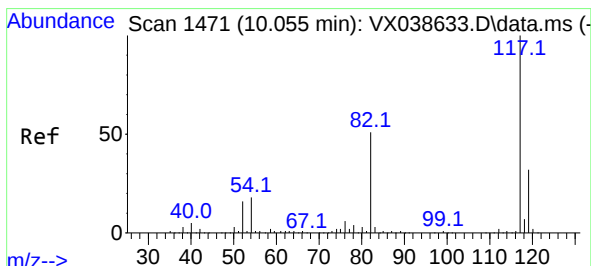
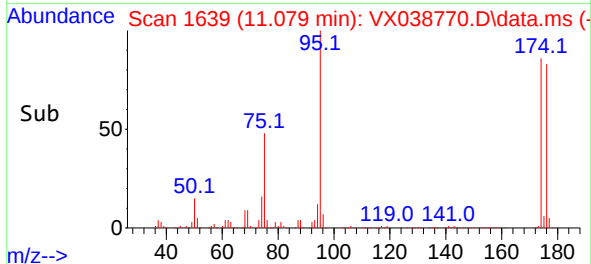
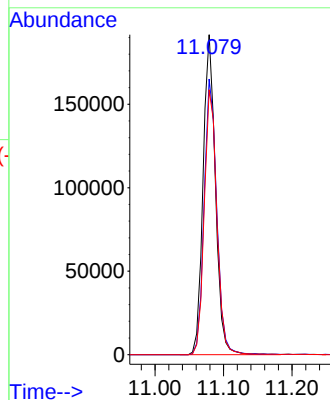
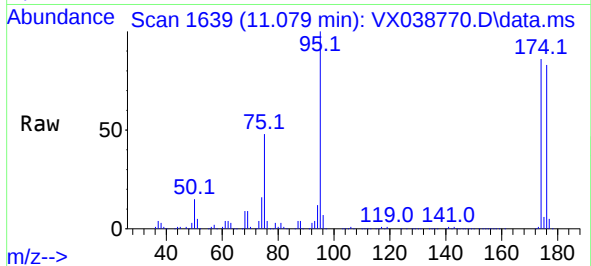




#62
4-Bromofluorobenzene
Concen: 50.966 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

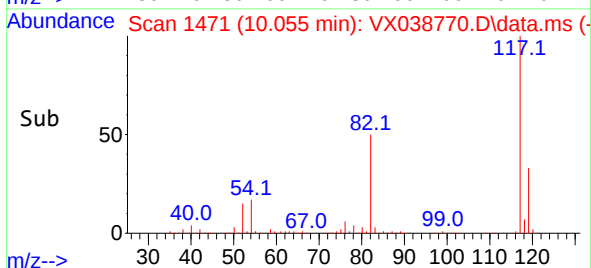
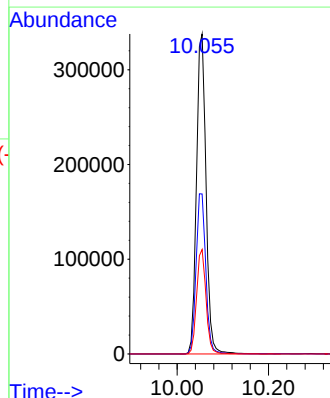
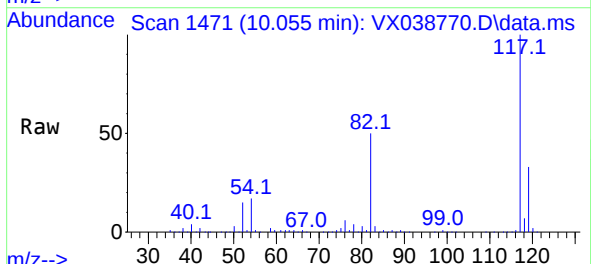
Instrument :
MSVOA_X
ClientSampleId :

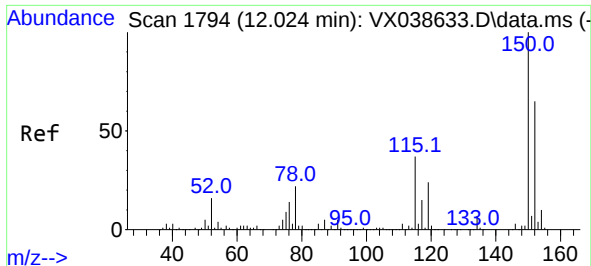
Tgt Ion: 95 Resp: 240697
Ion Ratio Lower Upper
95 100
174 88.2 0.0 135.6
176 84.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

Tgt Ion: 117 Resp: 490053
Ion Ratio Lower Upper
117 100
82 50.0 46.2 69.4
119 32.7 25.5 38.3

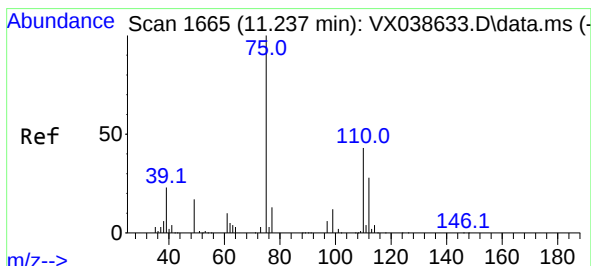
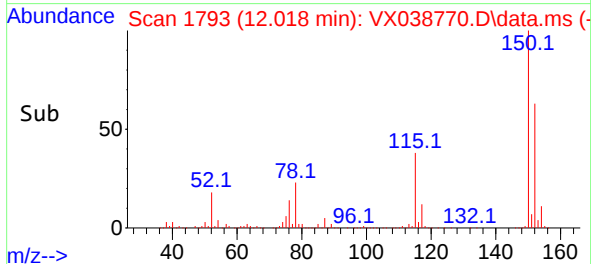
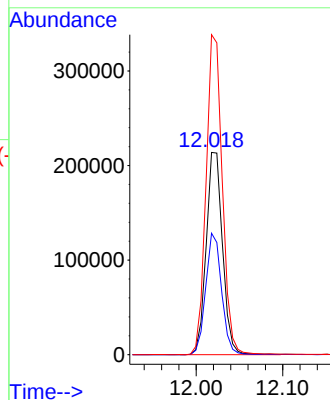
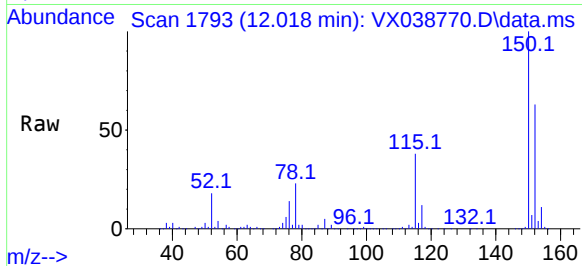




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

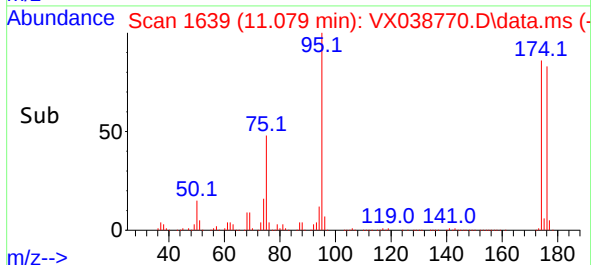
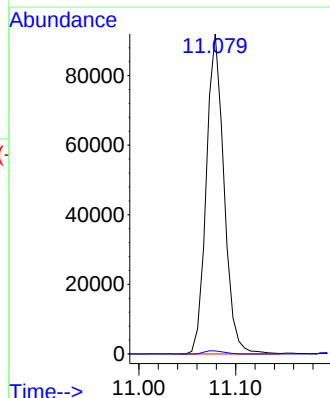
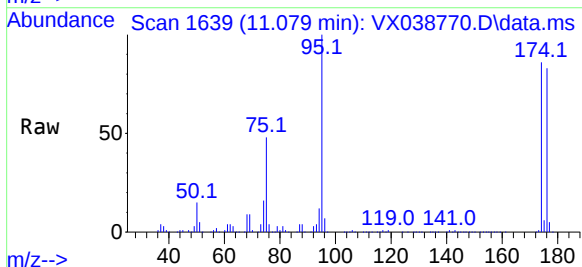
Instrument :
MSVOA_X
ClientSampleId :

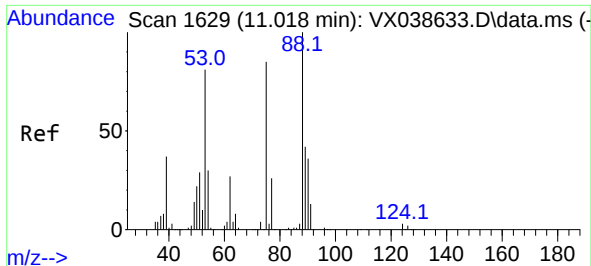
Tgt Ion:152 Resp: 280789
Ion Ratio Lower Upper
152 100
115 58.5 43.3 129.9
150 157.4 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 21.070 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

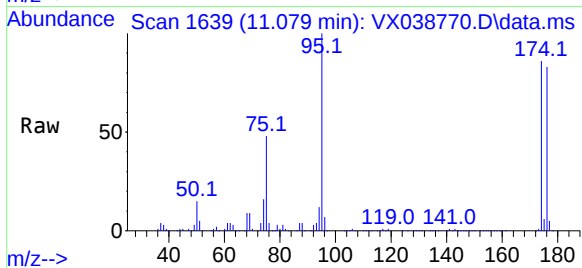
Tgt Ion: 75 Resp: 117168
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



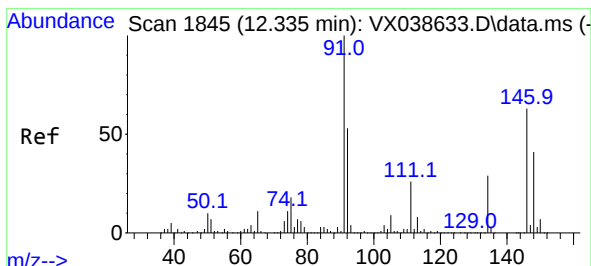
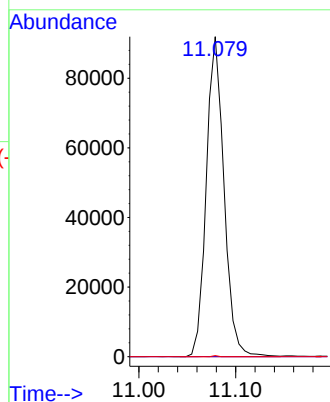
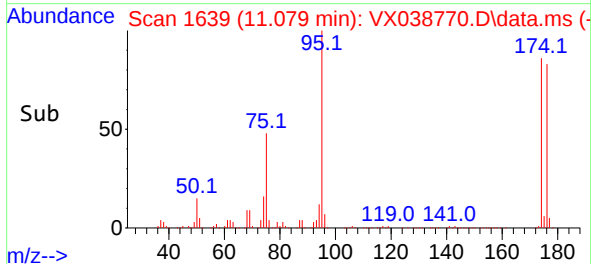


#81
trans-1,4-Dichloro-2-butene
Concen: 64.021 ug/l
RT: 11.079 min Scan# 117168
Delta R.T. 0.061 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

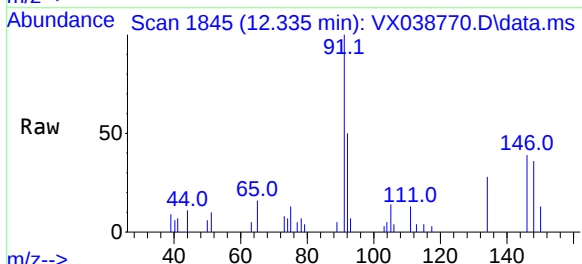
Instrument :
MSVOA_X
ClientSampleId :



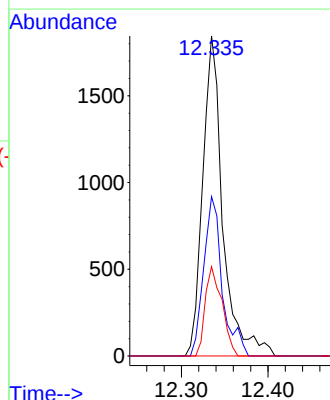
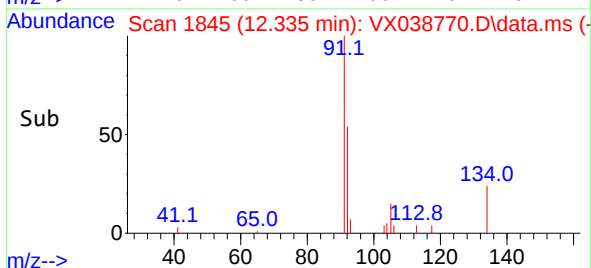
Tgt Ion: 75 Resp: 117168
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#

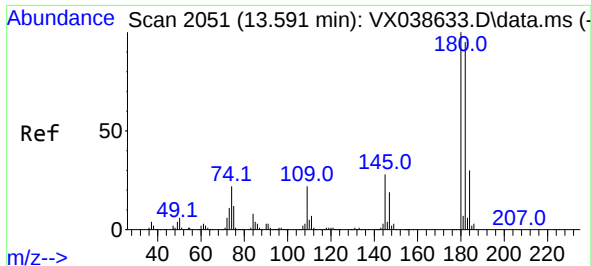


#89
n-Butylbenzene
Concen: 0.209 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52



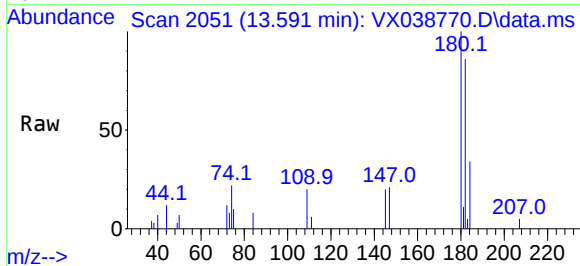
Tgt Ion: 91 Resp: 2968
Ion Ratio Lower Upper
91 100
92 46.0 27.4 82.0
134 23.3 12.6 37.8



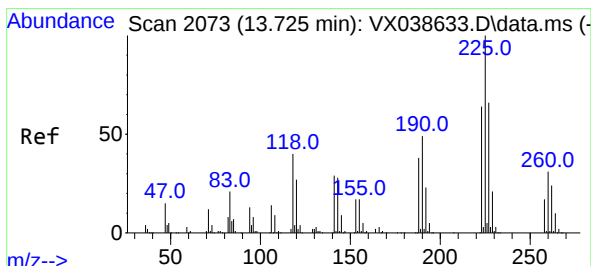
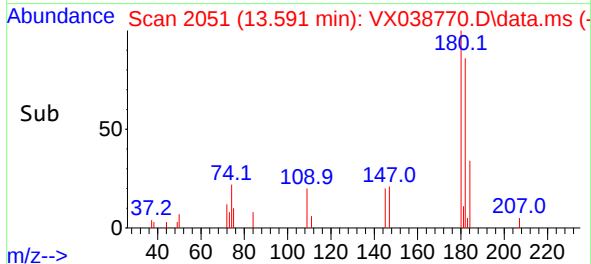
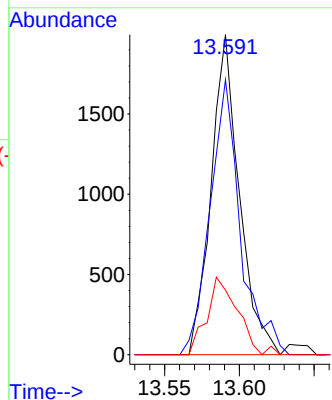


#93
1,2,4-Trichlorobenzene
Concen: 0.415 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :

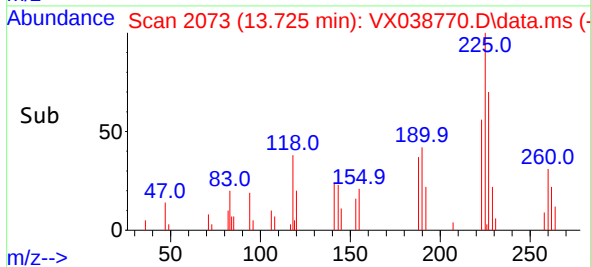
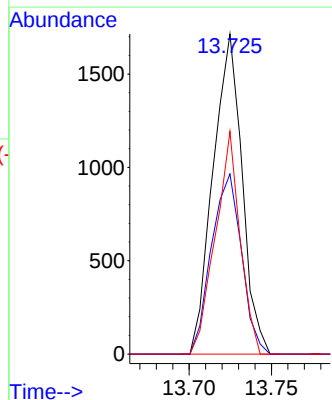
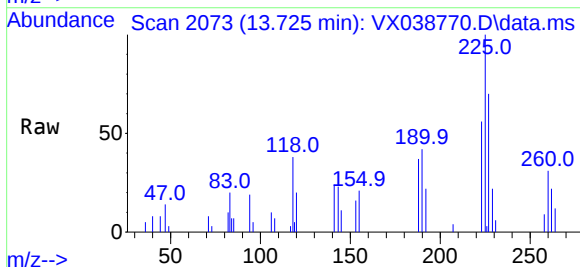


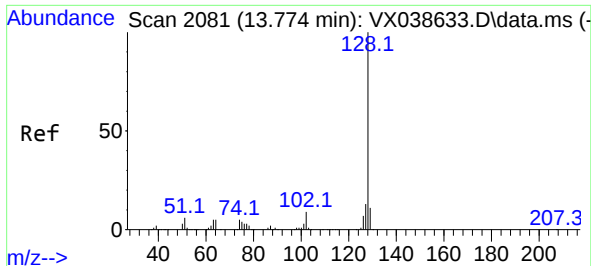
Tgt Ion:180 Resp: 2619
Ion Ratio Lower Upper
180 100
182 92.2 48.3 144.8
145 26.5 18.0 54.0



#94
Hexachlorobutadiene
Concen: 0.771 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

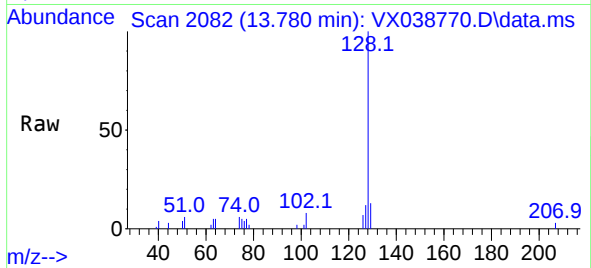
Tgt Ion:225 Resp: 2101
Ion Ratio Lower Upper
225 100
223 58.2 31.1 93.2
227 59.2 32.5 97.5



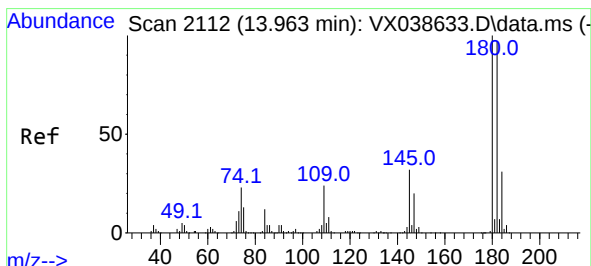
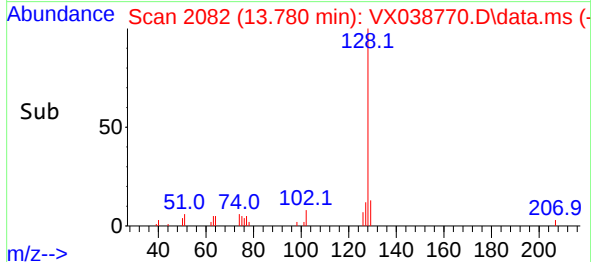
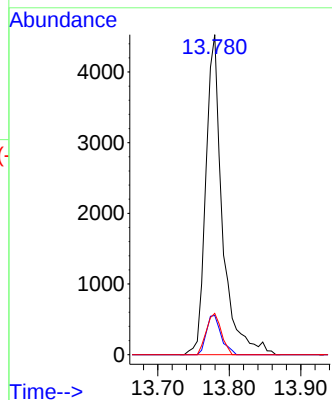


#95
Naphthalene
Concen: 0.383 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 7301
Ion Ratio Lower Upper
128 100
127 10.9 10.3 15.5
129 11.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.410 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038770.D
Acq: 13 Nov 2023 10:52

Tgt Ion:180 Resp: 2551
Ion Ratio Lower Upper
180 100
182 97.5 46.9 140.6
145 29.8 17.8 53.5

