

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102623\
 Data File : VX038535.D
 Acq On : 26 Oct 2023 21:58
 Operator : JC/MD
 Sample : 05063-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 27 05:24:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

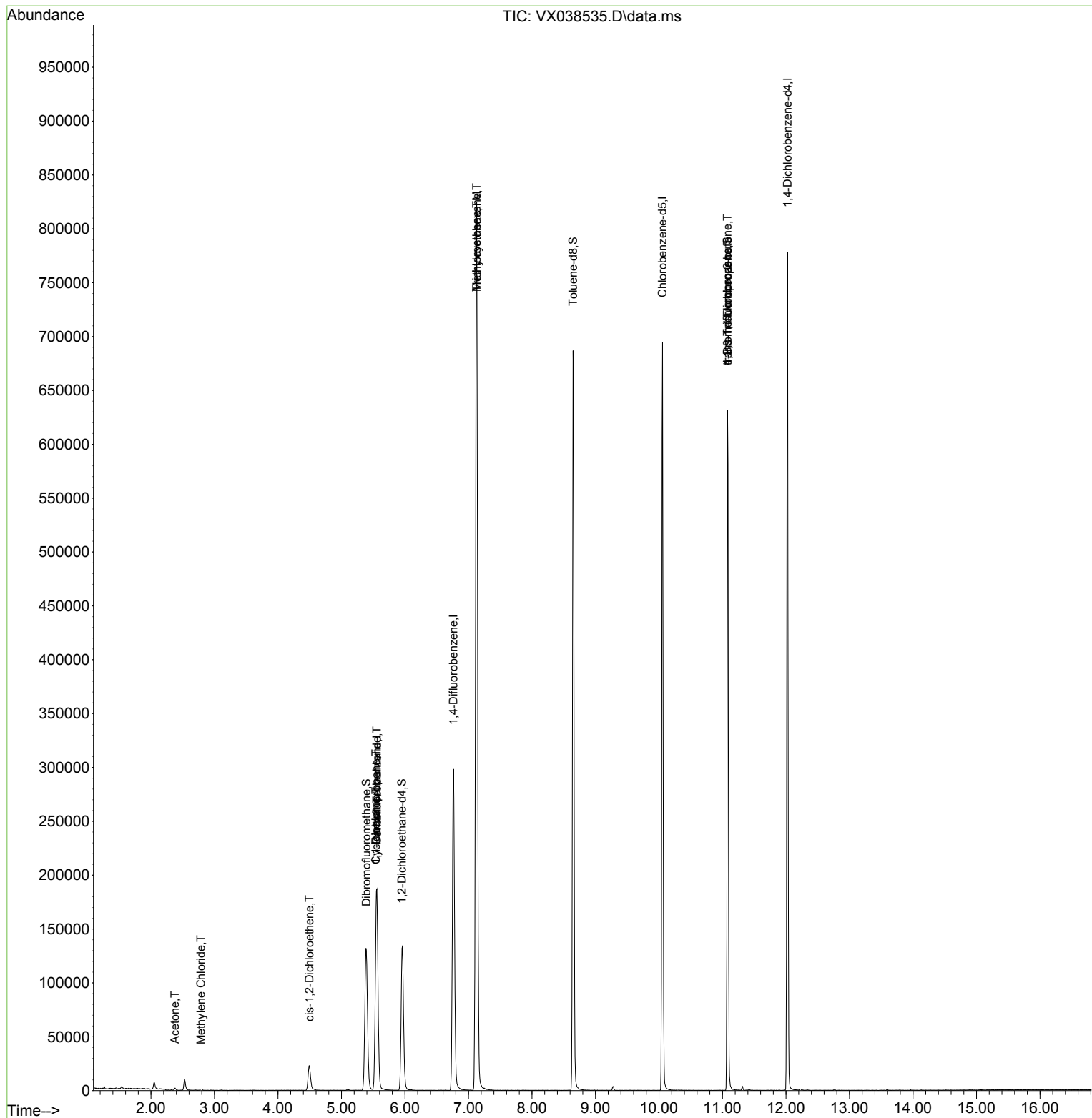
Internal Standards						
1) Pentafluorobenzene	5.556	168	191304	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	321081	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	327532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	129608	42.121	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.240%		
35) Dibromofluoromethane	5.391	113	117294	50.698	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.400%		
50) Toluene-d8	8.647	98	427153	48.316	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.640%		
62) 4-Bromofluorobenzene	11.079	95	167226	49.894	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.780%		
Target Compounds						
						Qvalue
5) Bromomethane	1.727	94	44	Below Cal	#	3
6) Chloroethane	1.673	64	151	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	211	Below Cal	#	78
16) Acetone	2.380	43	1871	1.457	ug/l	97
20) Methylene Chloride	2.788	84	670	0.277	ug/l	# 88
27) cis-1,2-Dichloroethene	4.495	96	15586	6.039	ug/l	76
31) Cyclohexane	5.544	56	3537	1.061	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	13508	4.234	ug/l	# 52
38) Carbon Tetrachloride	5.556	117	18539	5.907	ug/l	# 15
39) Methylcyclohexane	7.129	83	3937	1.054	ug/l	# 1
44) Trichloroethene	7.129	130	329948	141.371	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	85101	21.237	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	85101	61.043	ug/l	# 5

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

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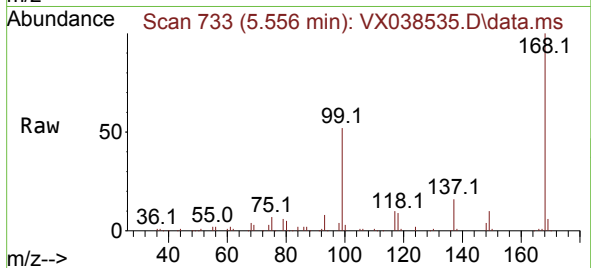
Quant Time: Oct 27 05:24:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



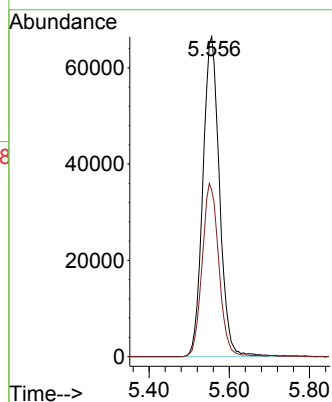
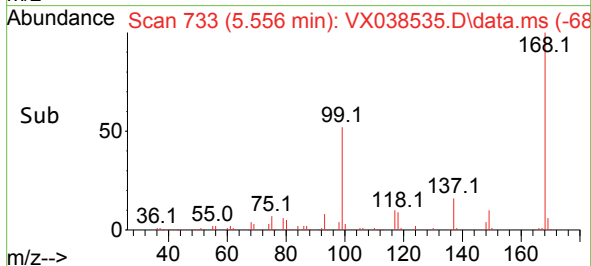


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX038535.D
Acq: 26 Oct 2023 21:58

Instrument :
MSVOA_X
ClientSampleId :

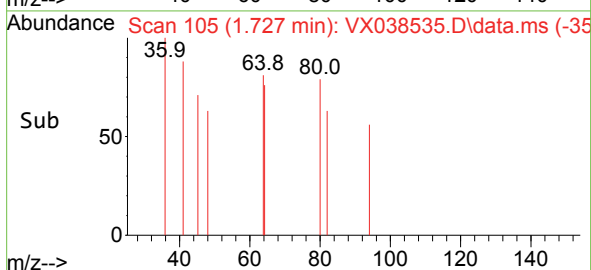
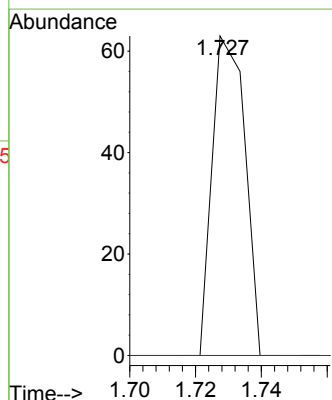
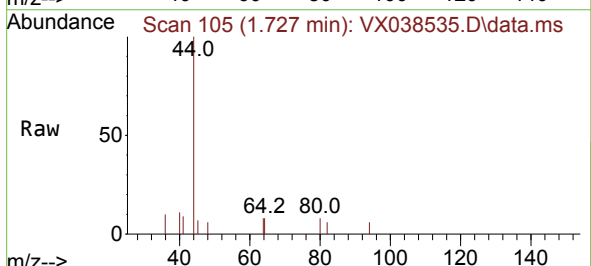


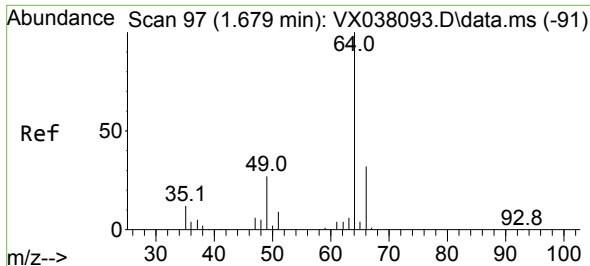
Tgt Ion:168 Resp: 191304
Ion Ratio Lower Upper
168 100
99 52.0 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.727 min Scan# 105
Delta R.T. 0.128 min
Lab File: VX038535.D
Acq: 26 Oct 2023 21:58

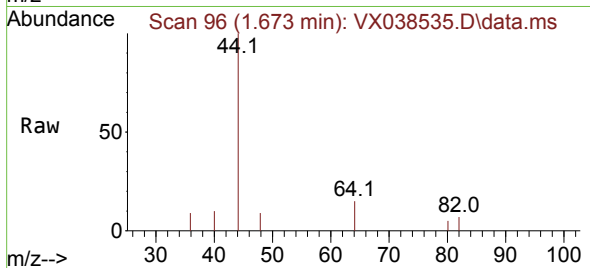
Tgt Ion: 94 Resp: 44
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



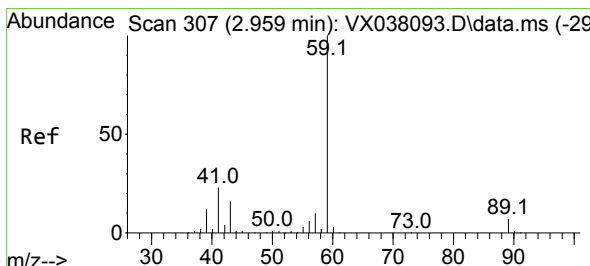
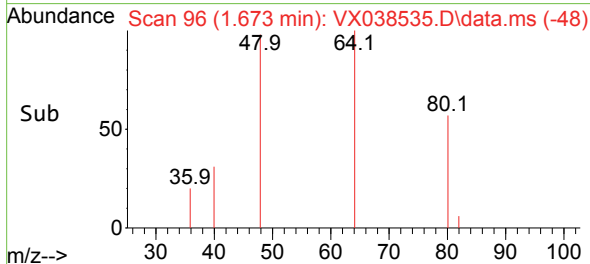
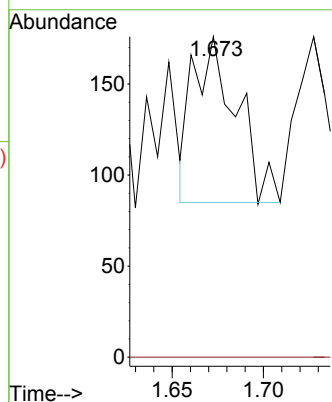


#6
Chloroethane
Concen: Below Cal
RT: 1.673 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX038535.D
Acq: 26 Oct 2023 21:58

Instrument :
MSVOA_X
ClientSampleId :

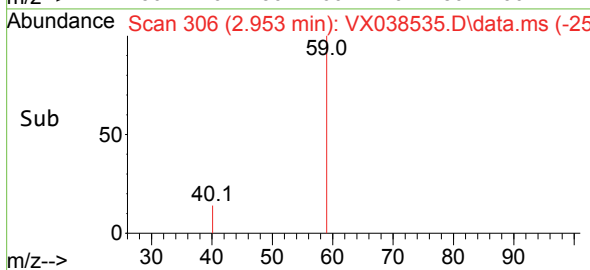
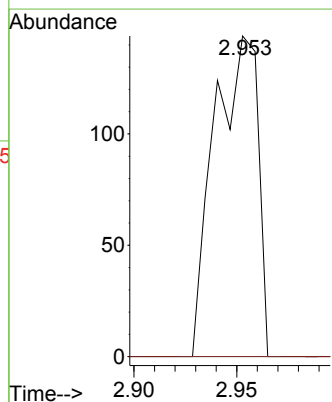
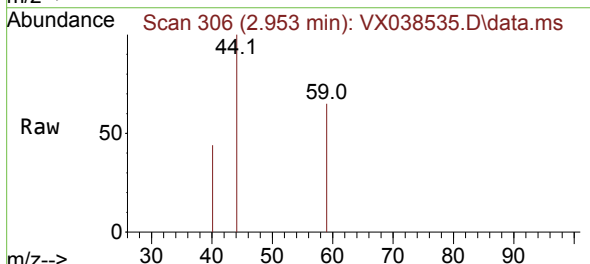


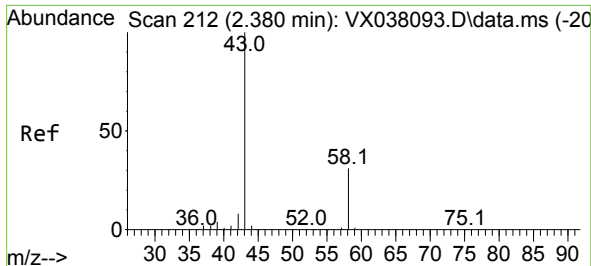
Tgt Ion: 64 Resp: 151
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038535.D
Acq: 26 Oct 2023 21:58

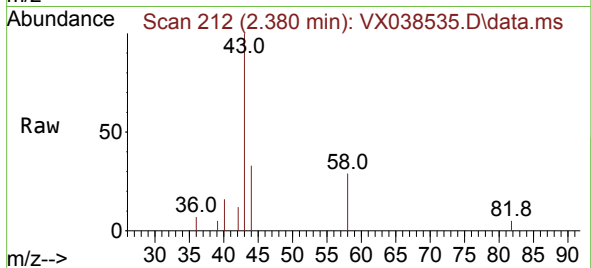
Tgt Ion: 59 Resp: 211
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



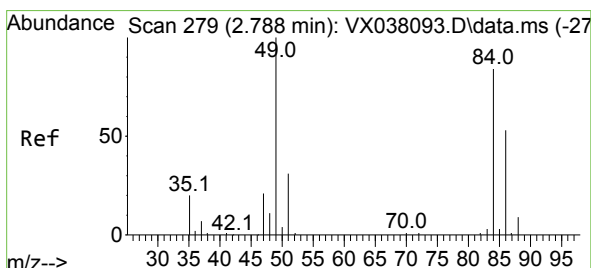
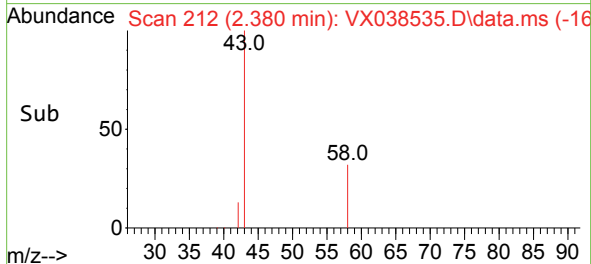
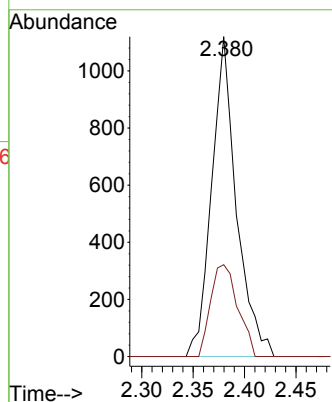


#16
Acetone
Concen: 1.457 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038535.D
Acq: 26 Oct 2023 21:58

Instrument :
MSVOA_X
ClientSampleId :

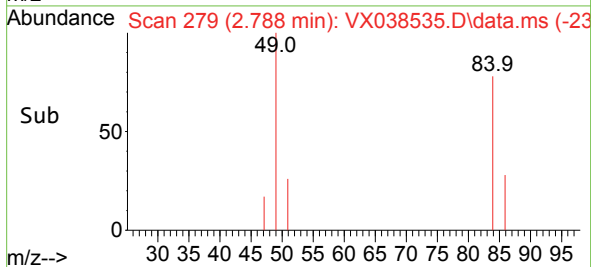
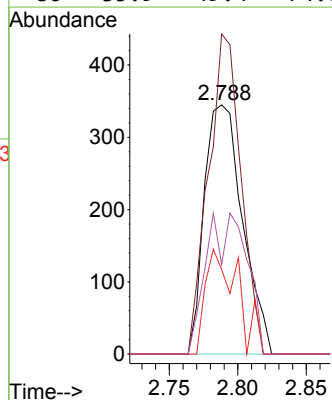
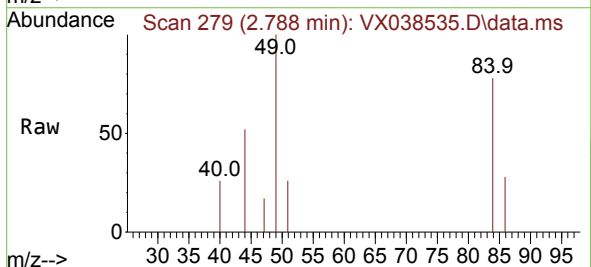


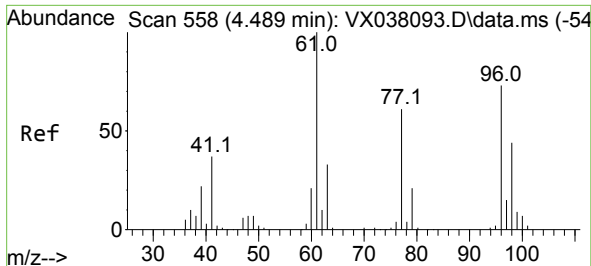
Tgt Ion: 43 Resp: 1871
Ion Ratio Lower Upper
43 100
58 28.8 21.9 32.9



#20
Methylene Chloride
Concen: 0.277 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038535.D
Acq: 26 Oct 2023 21:58

Tgt Ion: 84 Resp: 670
Ion Ratio Lower Upper
84 100
49 128.4 103.6 155.4
51 33.9 33.8 50.6
86 35.9 49.4 74.0#





#27

cis-1,2-Dichloroethene

Concen: 6.039 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

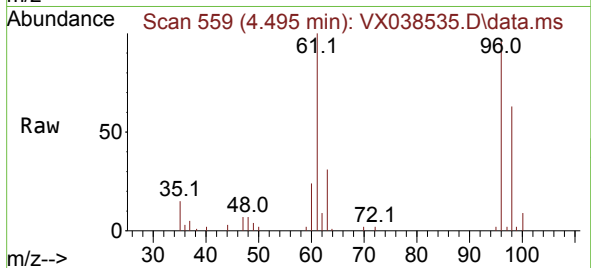
Lab File: VX038535.D

Acq: 26 Oct 2023 21:58

Instrument :

MSVOA_X

ClientSampleId :



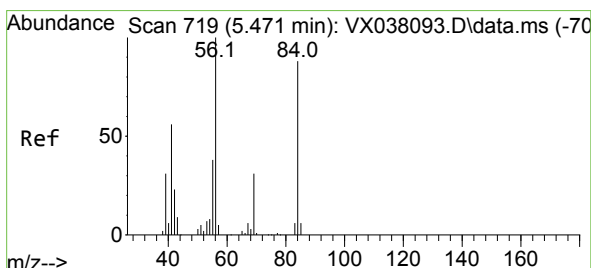
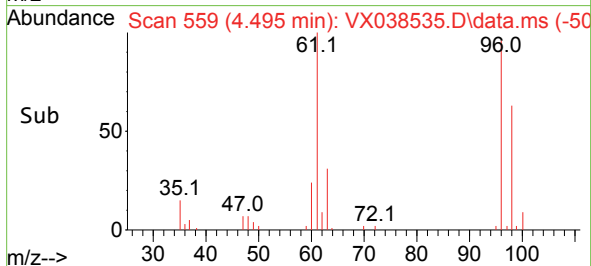
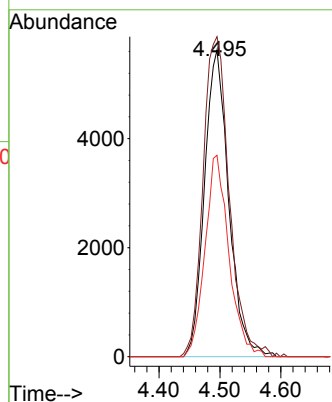
Tgt Ion: 96 Resp: 15586

Ion Ratio Lower Upper

96 100

61 112.8 0.0 312.2

98 64.8 0.0 129.0



#31

Cyclohexane

Concen: 1.061 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX038535.D

Acq: 26 Oct 2023 21:58

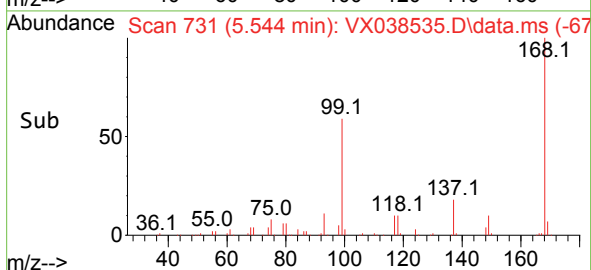
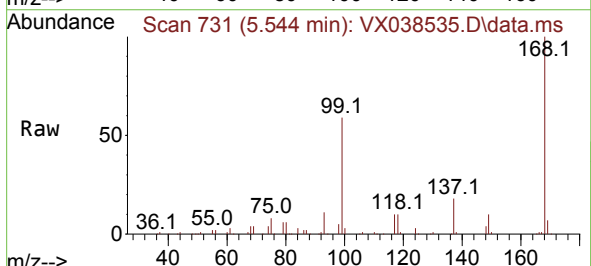
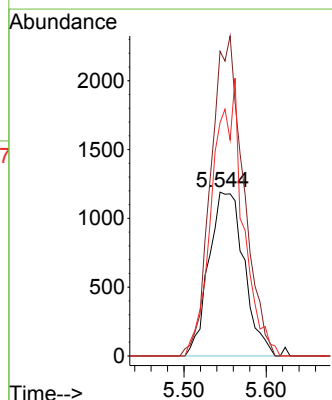
Tgt Ion: 56 Resp: 3537

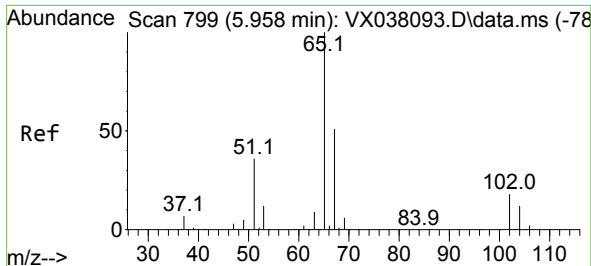
Ion Ratio Lower Upper

56 100

69 186.1 23.4 35.2#

84 142.4 65.9 98.9#

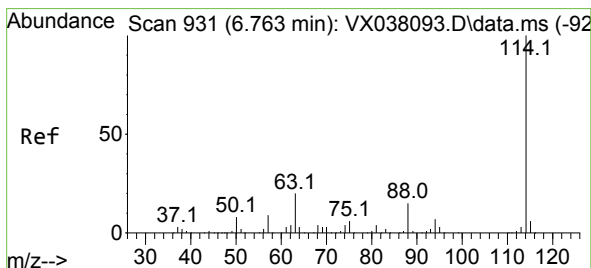
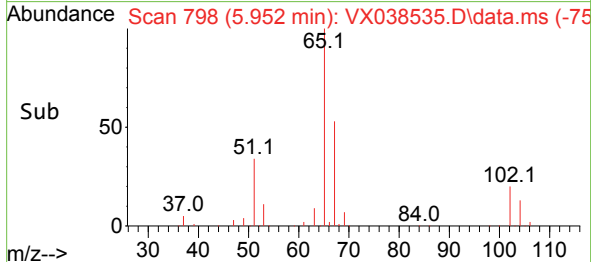
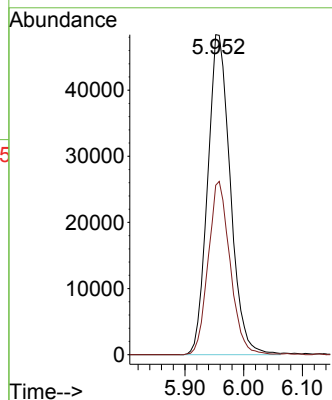
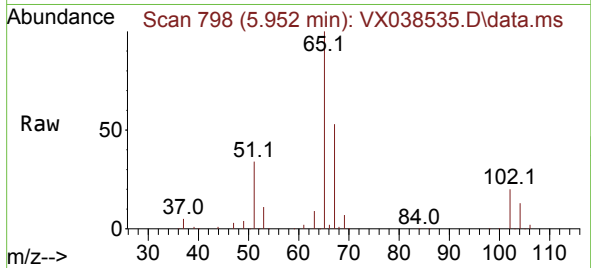




#33
1,2-Dichloroethane-d4
Concen: 42.121 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038535.D
Acq: 26 Oct 2023 21:58

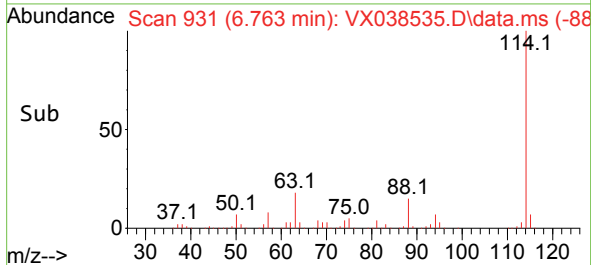
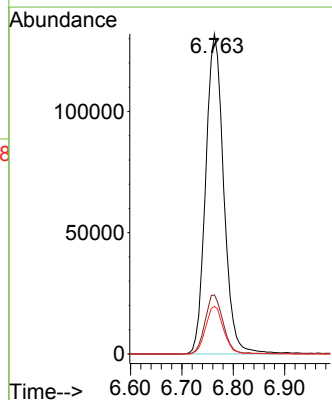
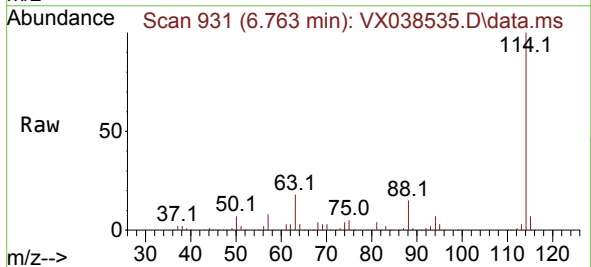
Instrument :
MSVOA_X
ClientSampleId :

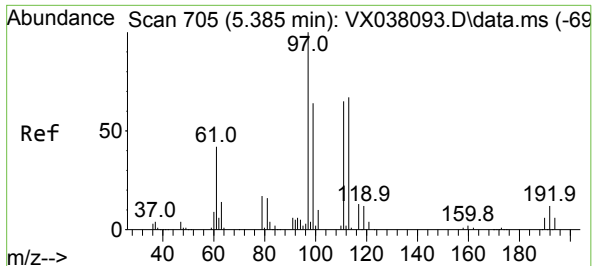
Tgt Ion: 65 Resp: 129608
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038535.D
Acq: 26 Oct 2023 21:58

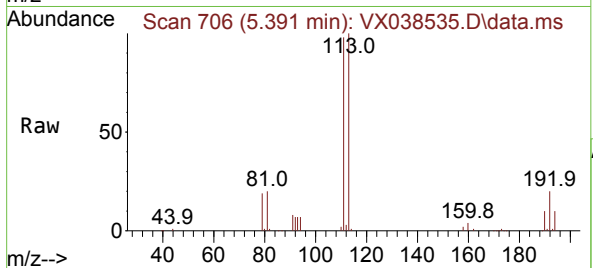
Tgt Ion:114 Resp: 321081
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 14.8 0.0 36.6



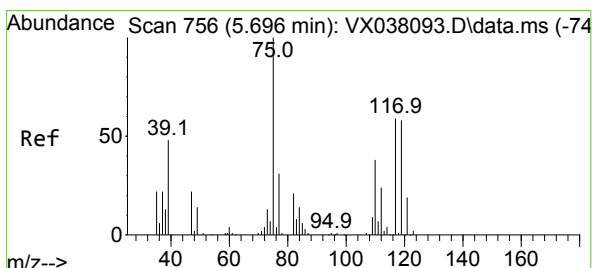
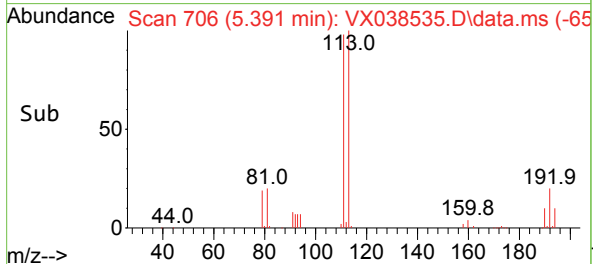
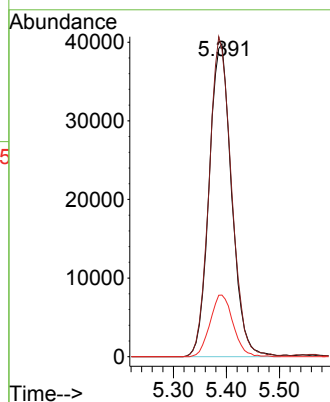


#35
Dibromofluoromethane
Concen: 50.698 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038535.D
Acq: 26 Oct 2023 21:58

Instrument :
MSVOA_X
ClientSampleId :

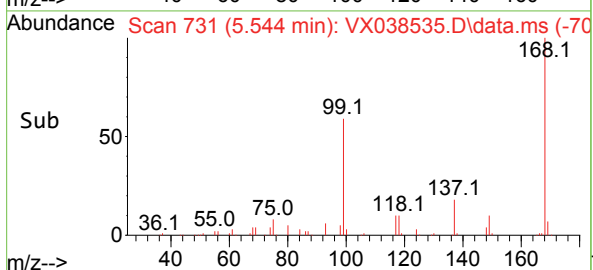
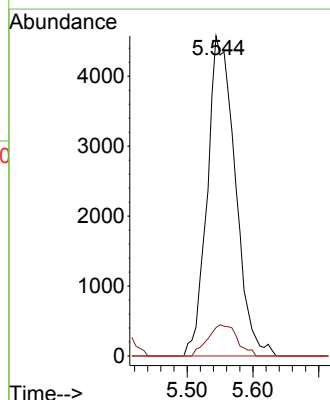
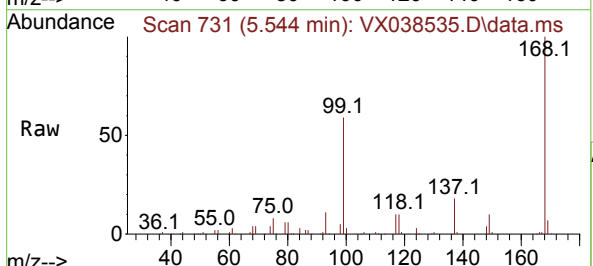


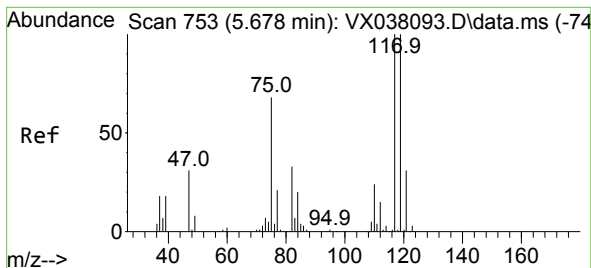
Tgt Ion:113 Resp: 117294
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 20.2 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.234 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX038535.D
Acq: 26 Oct 2023 21:58

Tgt Ion: 75 Resp: 13508
Ion Ratio Lower Upper
75 100
110 10.3 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.907 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

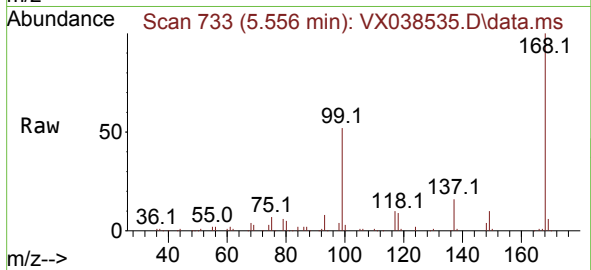
Lab File: VX038535.D

Acq: 26 Oct 2023 21:58

Instrument :

MSVOA_X

ClientSampleId :



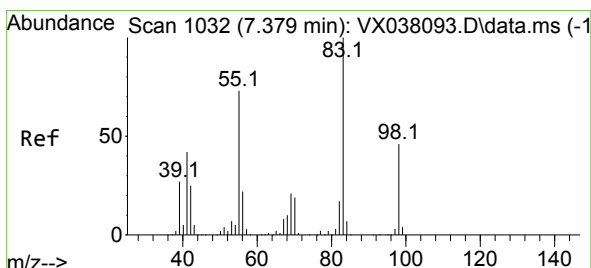
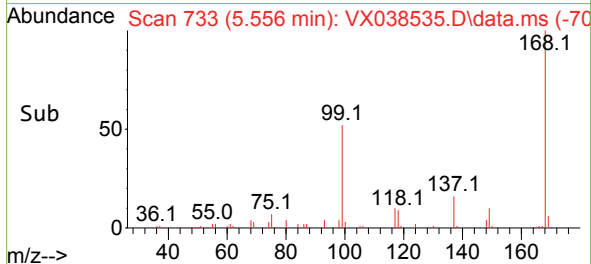
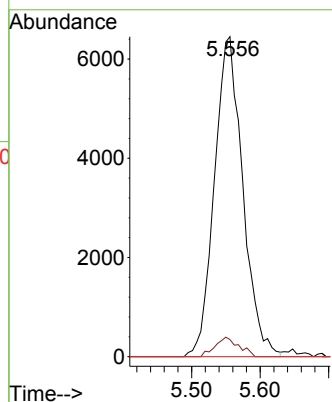
Tgt Ion:117 Resp: 18539

Ion Ratio Lower Upper

117 100

119 5.4 78.2 117.2#

121 0.0 24.4 36.6#



#39

Methylcyclohexane

Concen: 1.054 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX038535.D

Acq: 26 Oct 2023 21:58

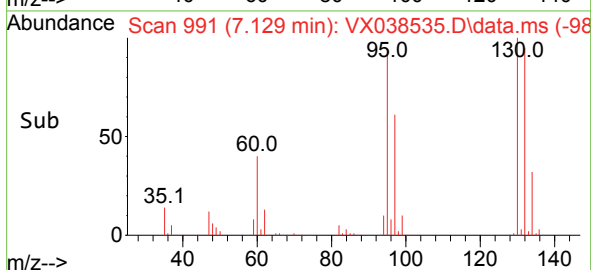
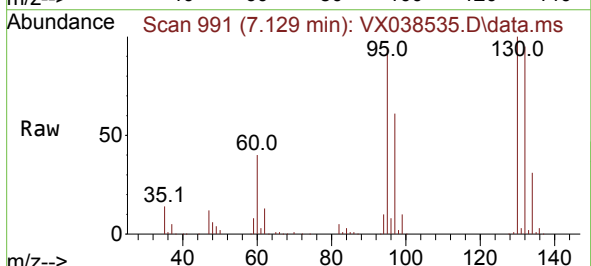
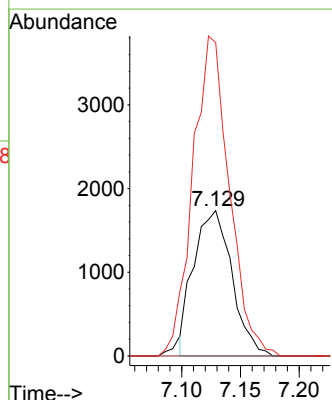
Tgt Ion: 83 Resp: 3937

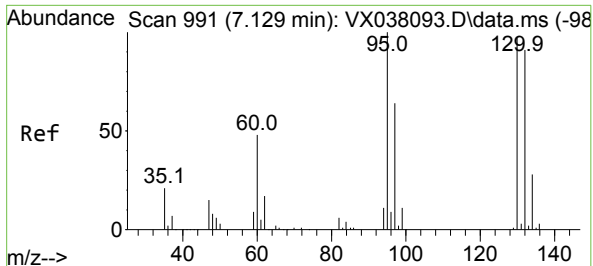
Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

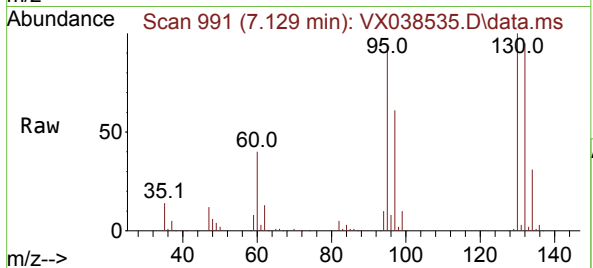
98 215.6 36.7 55.1#



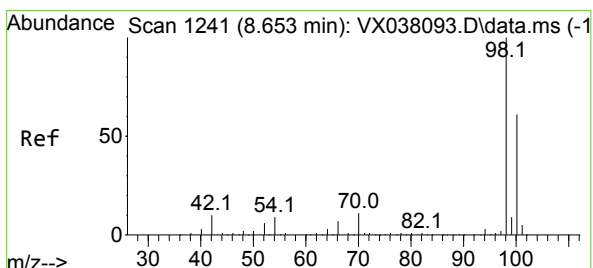
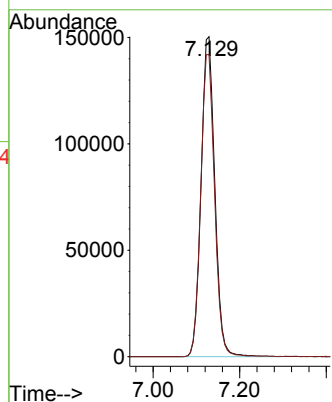
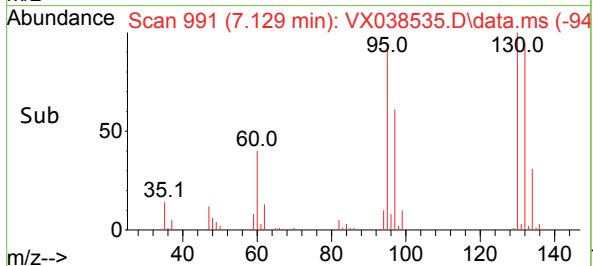


#44
Trichloroethene
Concen: 141.371 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038535.D
Acq: 26 Oct 2023 21:58

Instrument :
MSVOA_X
ClientSampleId :

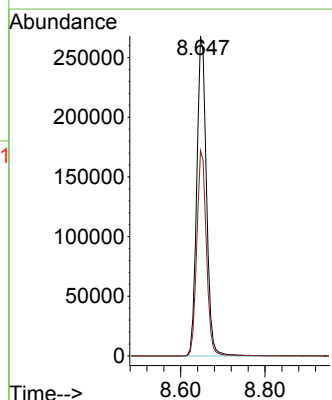
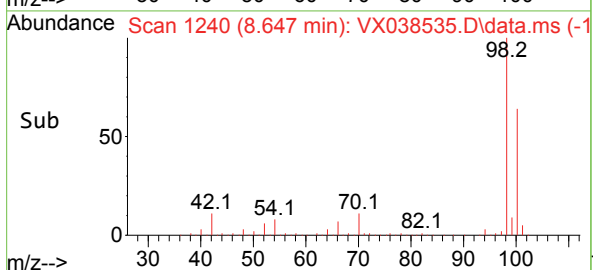
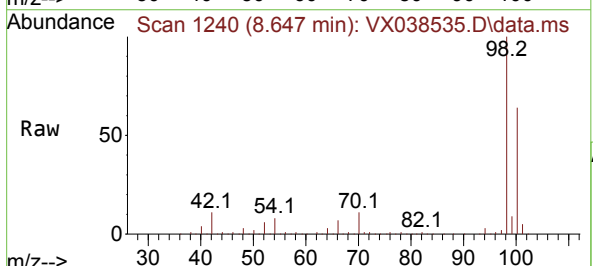


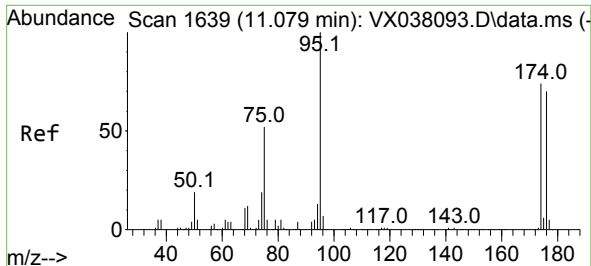
Tgt Ion:130 Resp: 329948
Ion Ratio Lower Upper
130 100
95 94.5 0.0 204.4



#50
Toluene-d8
Concen: 48.316 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038535.D
Acq: 26 Oct 2023 21:58

Tgt Ion: 98 Resp: 427153
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

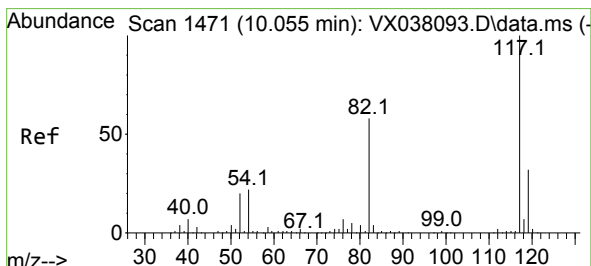
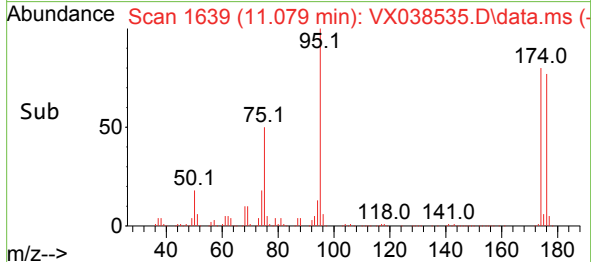
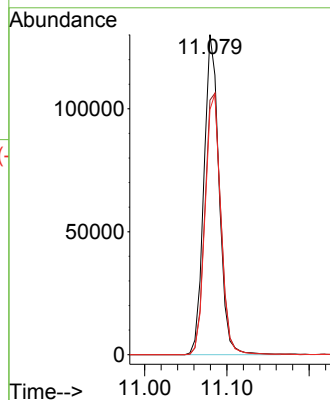
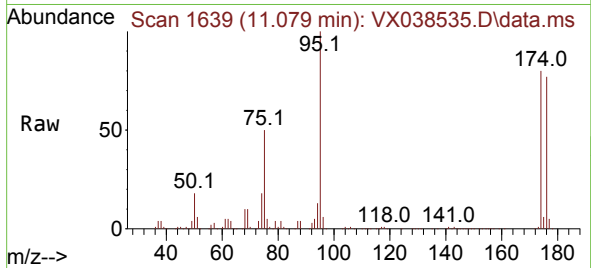




#62
4-Bromofluorobenzene
Concen: 49.894 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038535.D
Acq: 26 Oct 2023 21:58

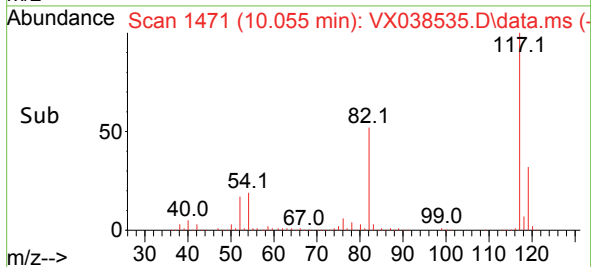
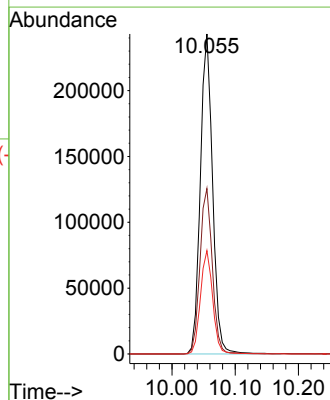
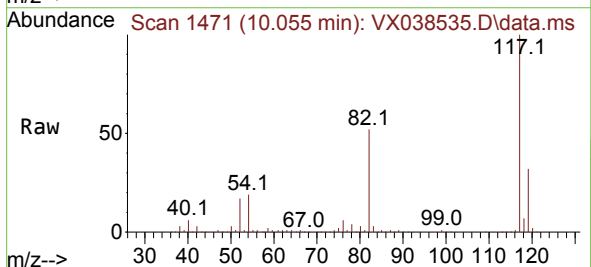
Instrument :
MSVOA_X
ClientSampleId :

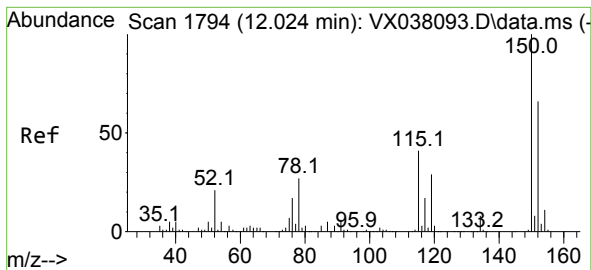
Tgt Ion: 95 Resp: 167226
Ion Ratio Lower Upper
95 100
174 86.5 0.0 135.6
176 84.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038535.D
Acq: 26 Oct 2023 21:58

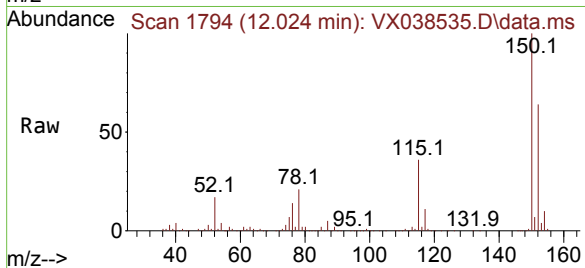
Tgt Ion: 117 Resp: 327532
Ion Ratio Lower Upper
117 100
82 51.7 46.2 69.4
119 32.3 25.5 38.3



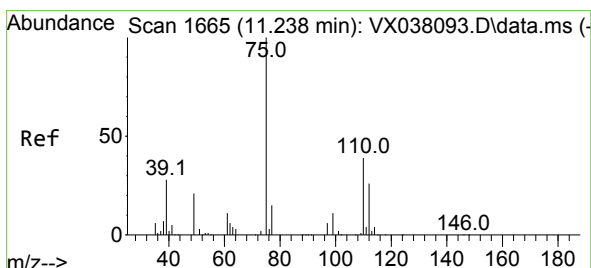
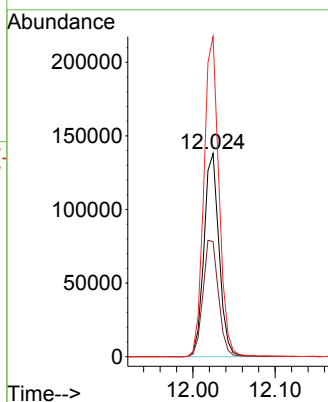
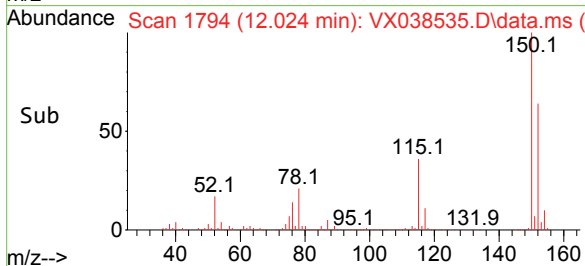


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038535.D
 Acq: 26 Oct 2023 21:58

Instrument :
 MSVOA_X
 ClientSampleId :

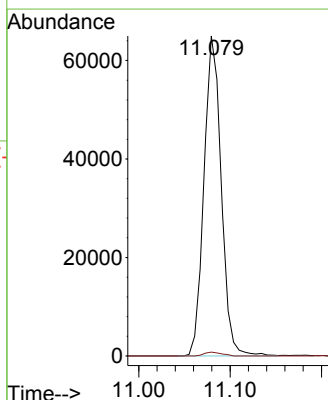
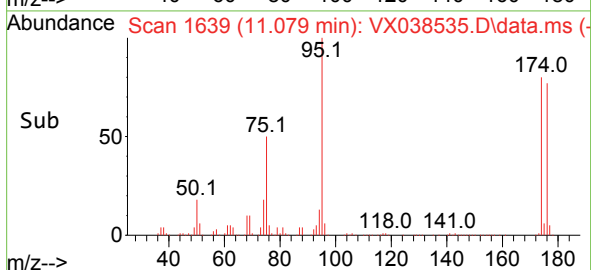
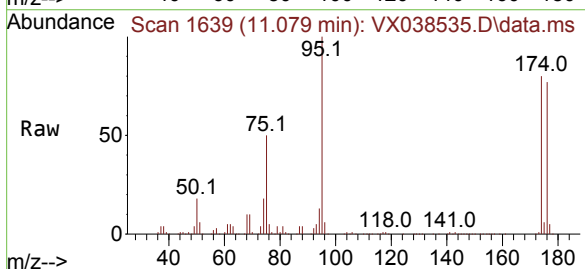


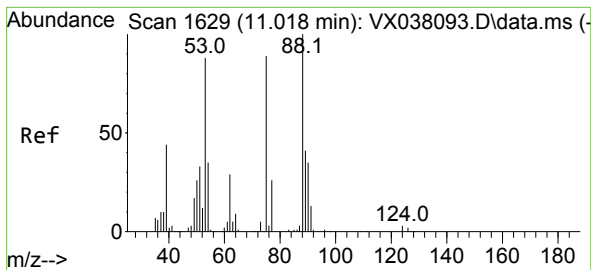
Tgt Ion:152 Resp: 176264
 Ion Ratio Lower Upper
 152 100
 115 59.1 43.3 129.9
 150 157.7 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.237 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038535.D
 Acq: 26 Oct 2023 21:58

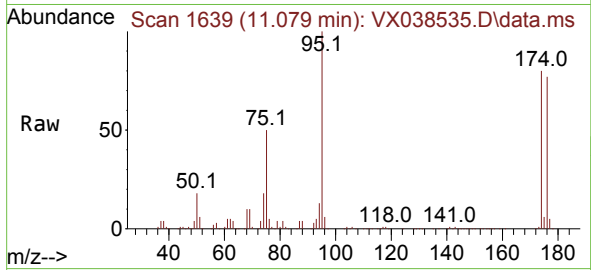
Tgt Ion: 75 Resp: 85101
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.043 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX038535.D
 Acq: 26 Oct 2023 21:58

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 85101
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

