

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034575.D
 Acq On : 17 Mar 2023 11:32
 Operator : JC/MD
 Sample : VX0317MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317MBL01

Quant Time: Mar 19 23:56:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

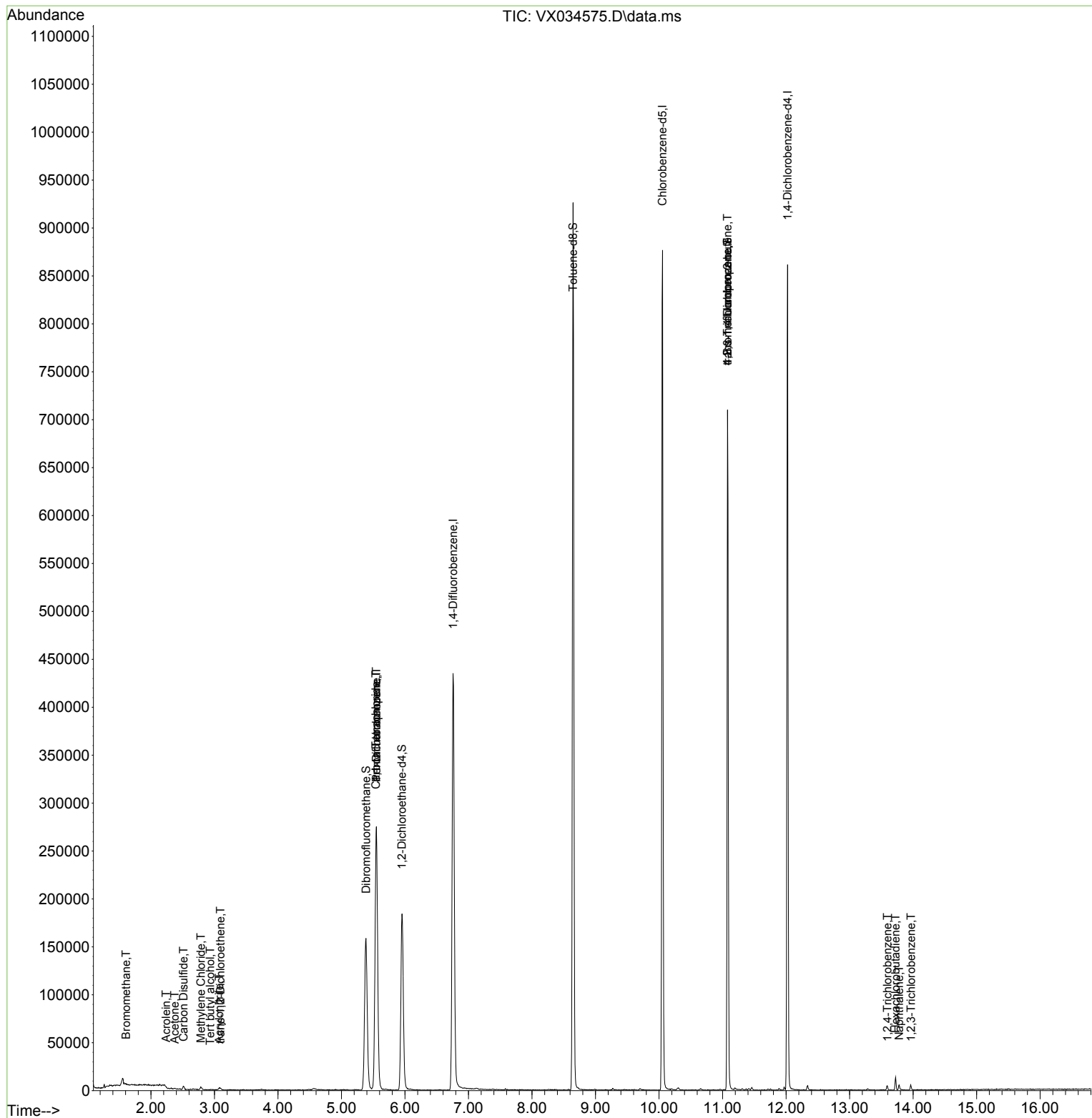
Internal Standards						
1) Pentafluorobenzene	5.550	168	251274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	430566	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	178472	48.822	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.640%		
35) Dibromofluoromethane	5.385	113	136720	48.093	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.180%		
50) Toluene-d8	8.647	98	519735	48.974	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.940%		
62) 4-Bromofluorobenzene	11.079	95	185657	43.311	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.620%		
Target Compounds						Qvalue
3) Chloromethane	1.307	50	540	Below Cal	#	42
5) Bromomethane	1.605	94	359	0.223	ug/l	97
11) Tert butyl alcohol	2.934	59	238	0.313	ug/l #	73
13) Acrolein	2.239	56	509	0.845	ug/l #	57
15) Acrylonitrile	3.075	53	923	0.561	ug/l #	80
16) Acetone	2.373	43	1240	0.720	ug/l	94
17) Carbon Disulfide	2.514	76	4016	0.519	ug/l	97
20) Methylene Chloride	2.788	84	1349	0.404	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	649	0.222	ug/l	97
36) 1,1-Dichloropropene	5.550	75	22102	5.062	ug/l #	50
38) Carbon Tetrachloride	5.544	117	26172	6.025	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	100715	25.961	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	100715	70.232	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.597	180	1480	0.399	ug/l	88
94) Hexachlorobutadiene	13.725	225	1663	1.113	ug/l	95
95) Naphthalene	13.780	128	4151	0.334	ug/l	97
96) 1,2,3-Trichlorobenzene	13.969	180	1370	0.378	ug/l	99

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

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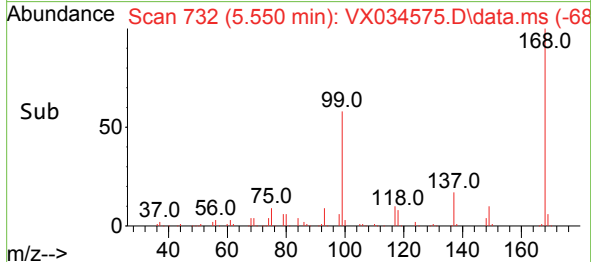
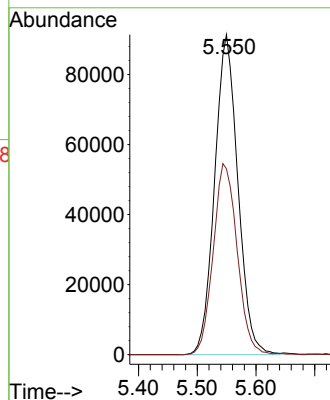
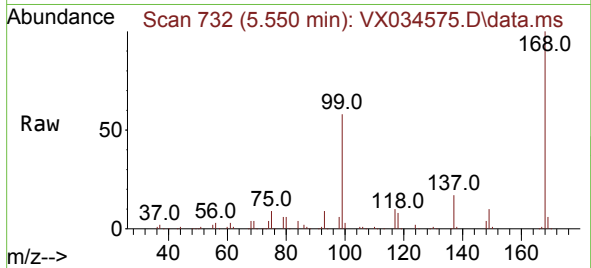




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034575.D
Acq: 17 Mar 2023 11:32

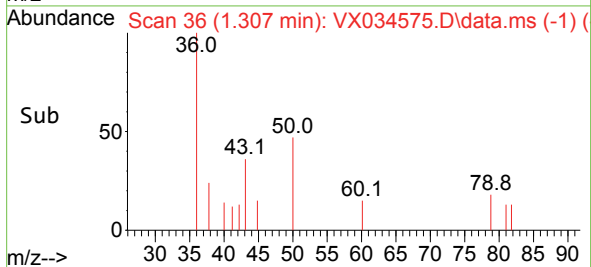
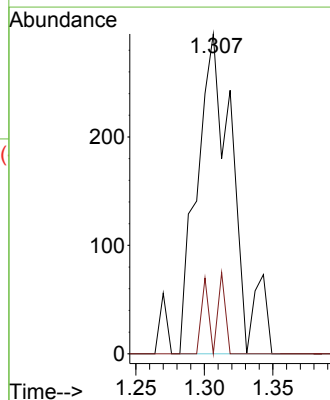
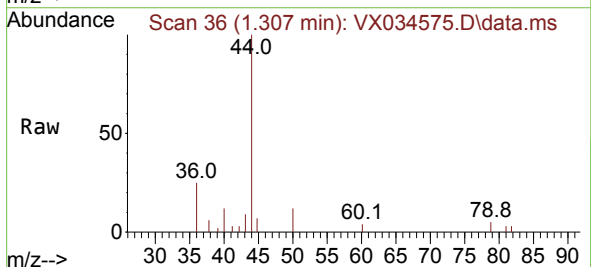
Instrument :
MSVOA_X
ClientSampleId :
VX0317MBL01

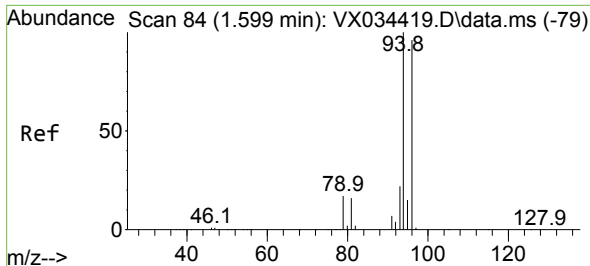
Tgt Ion:168 Resp: 251274
Ion Ratio Lower Upper
168 100
99 58.1 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX034575.D
Acq: 17 Mar 2023 11:32

Tgt Ion: 50 Resp: 540
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

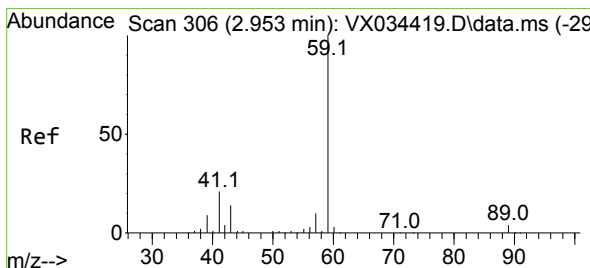
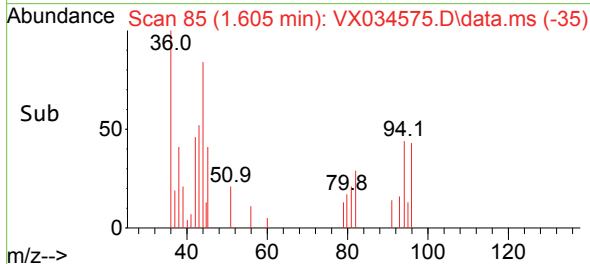
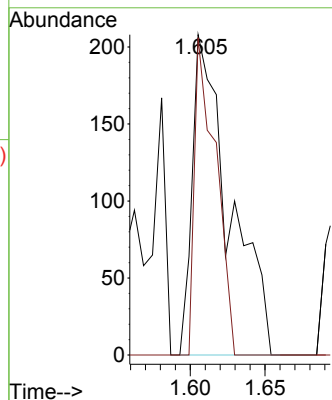
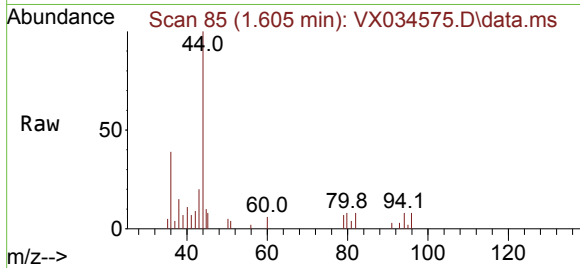




#5
Bromomethane
Concen: 0.223 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX034575.D
Acq: 17 Mar 2023 11:32

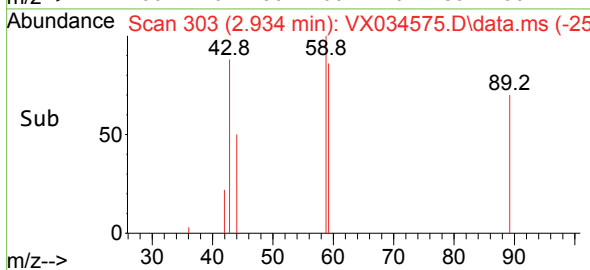
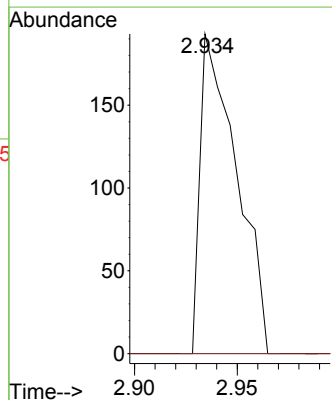
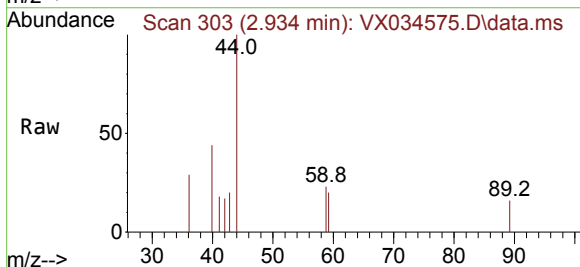
Instrument :
MSVOA_X
ClientSampleId :
VX0317MBL01

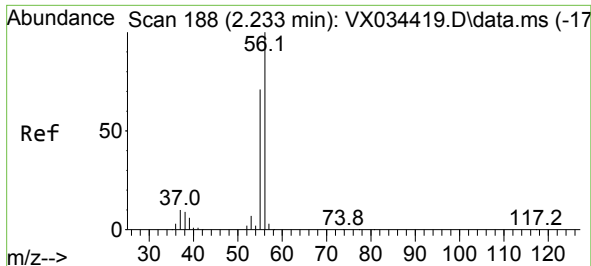
Tgt Ion: 94 Resp: 359
Ion Ratio Lower Upper
94 100
96 99.0 77.0 115.6



#11
Tert butyl alcohol
Concen: 0.313 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.018 min
Lab File: VX034575.D
Acq: 17 Mar 2023 11:32

Tgt Ion: 59 Resp: 238
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

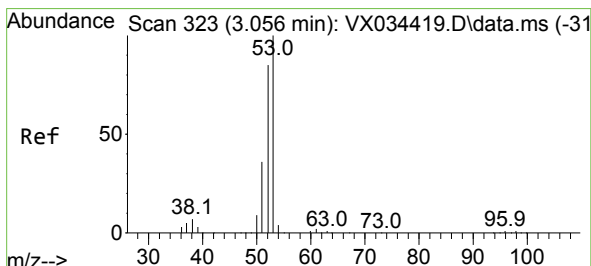
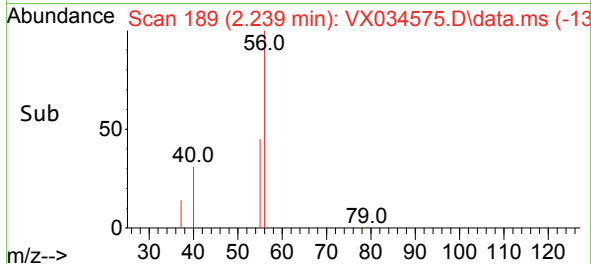
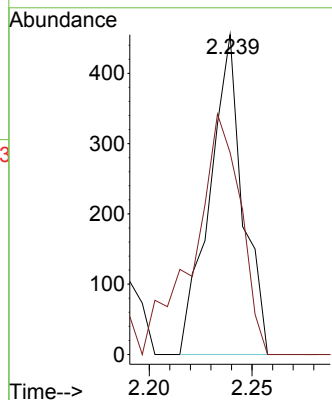
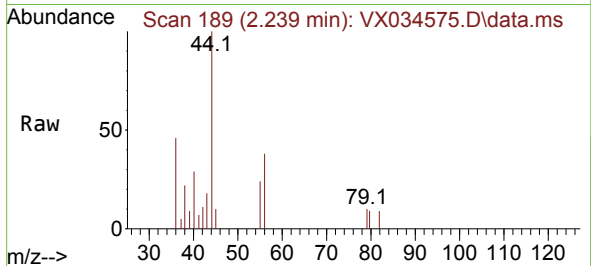




#13
Acrolein
Concen: 0.845 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034575.D
Acq: 17 Mar 2023 11:32

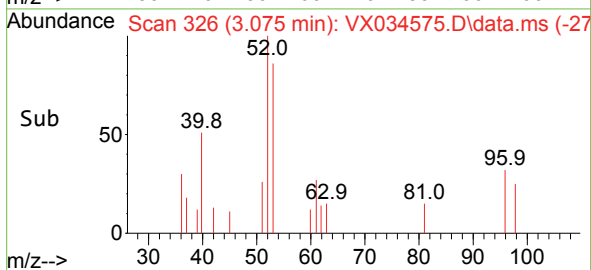
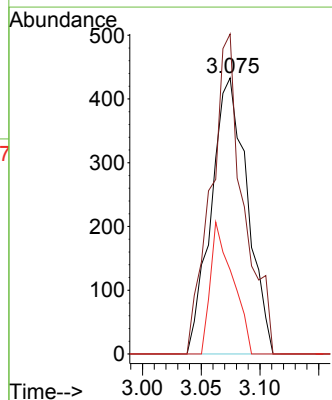
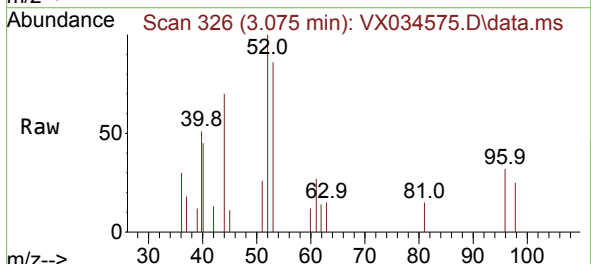
Instrument :
MSVOA_X
ClientSampleId :
VX0317MBL01

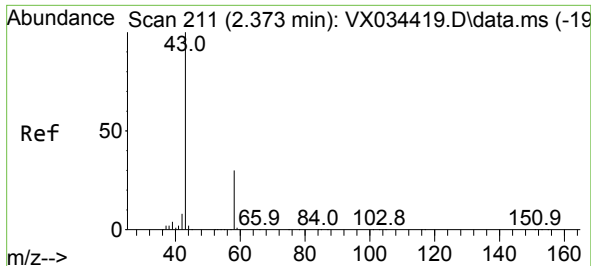
Tgt Ion: 56 Resp: 509
Ion Ratio Lower Upper
56 100
55 106.5 56.6 85.0#



#15
Acrylonitrile
Concen: 0.561 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.018 min
Lab File: VX034575.D
Acq: 17 Mar 2023 11:32

Tgt Ion: 53 Resp: 923
Ion Ratio Lower Upper
53 100
52 104.3 66.2 99.2#
51 29.6 28.3 42.5

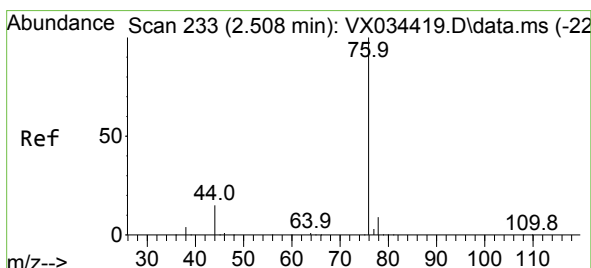
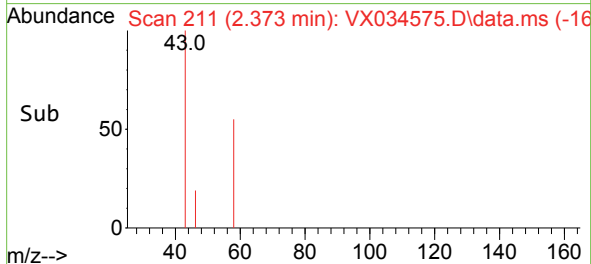
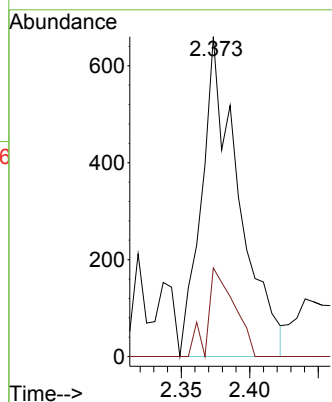
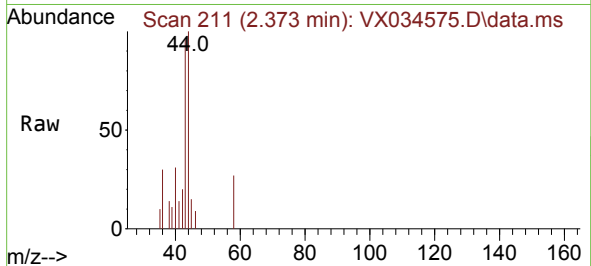




#16
Acetone
Concen: 0.720 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034575.D
Acq: 17 Mar 2023 11:32

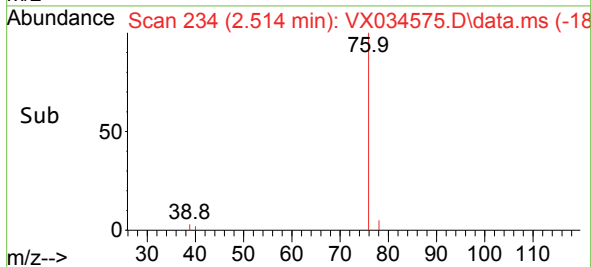
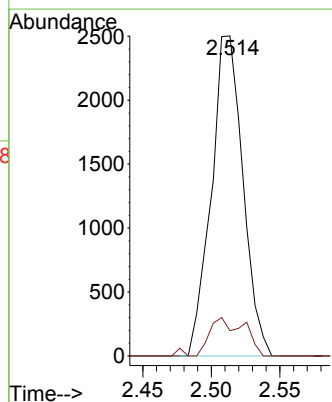
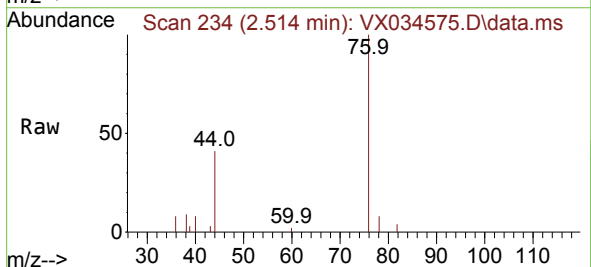
Instrument :
MSVOA_X
ClientSampleId :
VX0317MBL01

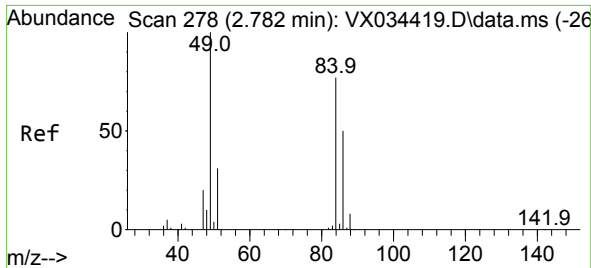
Tgt Ion: 43 Resp: 1240
Ion Ratio Lower Upper
43 100
58 27.7 24.7 37.1



#17
Carbon Disulfide
Concen: 0.519 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX034575.D
Acq: 17 Mar 2023 11:32

Tgt Ion: 76 Resp: 4016
Ion Ratio Lower Upper
76 100
78 7.9 7.2 10.8



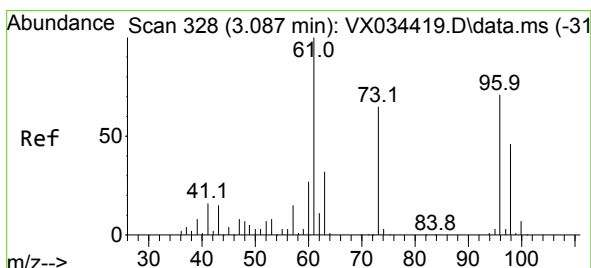
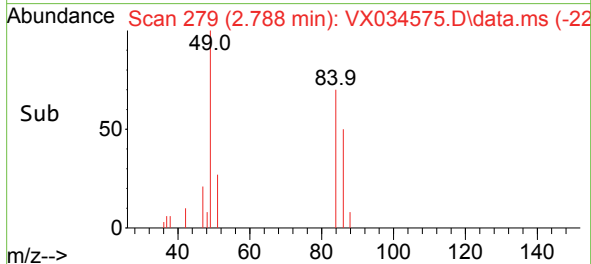
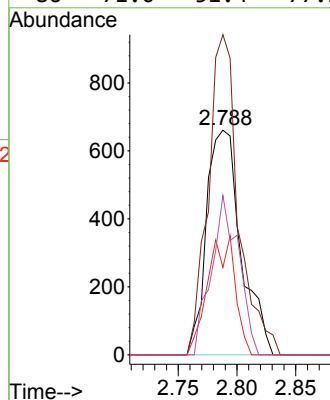
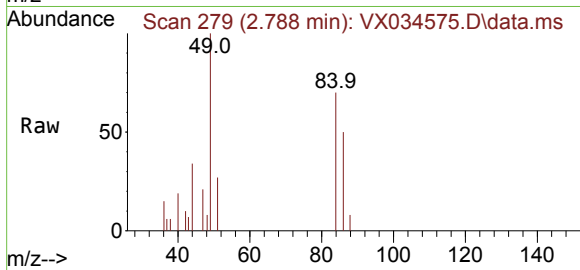


#20
Methylene Chloride
Concen: 0.404 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034575.D
Acq: 17 Mar 2023 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0317MBL01

Tgt Ion: 84 Resp: 1349

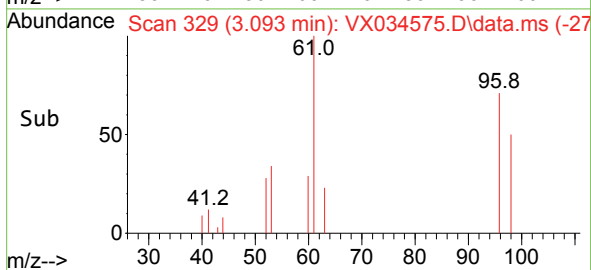
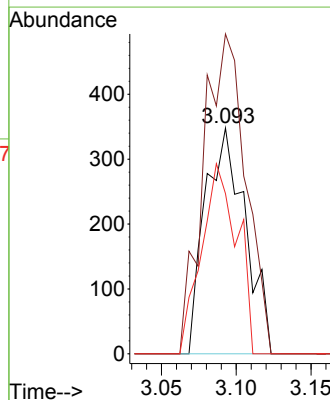
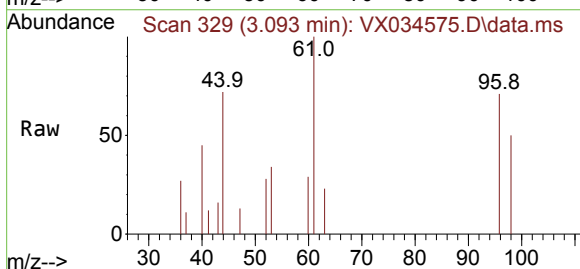
Ion	Ratio	Lower	Upper
84	100		
49	142.5	103.8	155.8
51	38.9	31.8	47.8
86	71.0	51.4	77.2

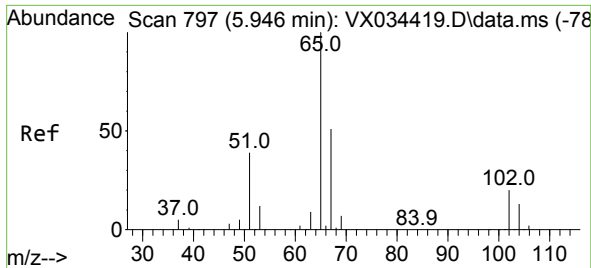


#21
trans-1,2-Dichloroethene
Concen: 0.222 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX034575.D
Acq: 17 Mar 2023 11:32

Tgt Ion: 96 Resp: 649

Ion	Ratio	Lower	Upper
96	100		
61	141.7	113.0	169.6
98	71.0	52.1	78.1





#33

1,2-Dichloroethane-d4

Concen: 48.822 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034575.D

Acq: 17 Mar 2023 11:32

Instrument :

MSVOA_X

ClientSampleId :

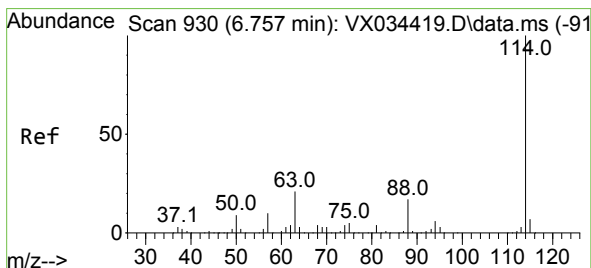
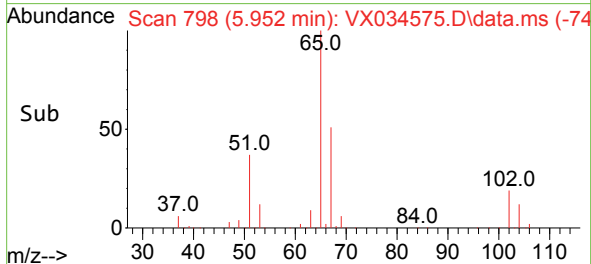
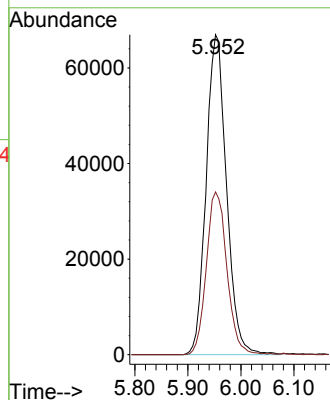
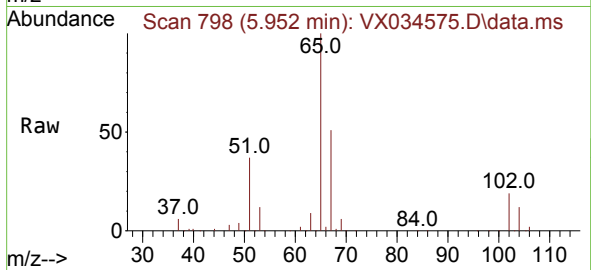
VX0317MBL01

Tgt Ion: 65 Resp: 178472

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX034575.D

Acq: 17 Mar 2023 11:32

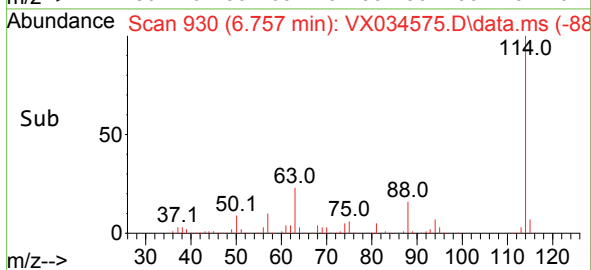
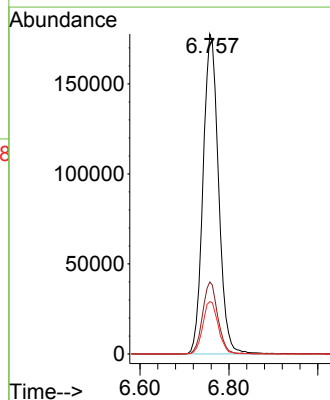
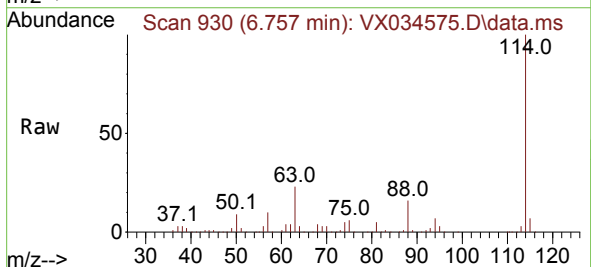
Tgt Ion: 114 Resp: 430566

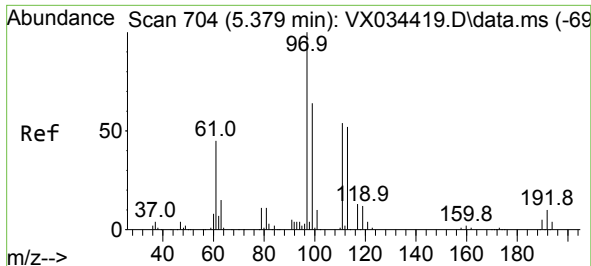
Ion Ratio Lower Upper

114 100

63 22.5 0.0 42.2

88 16.4 0.0 33.2

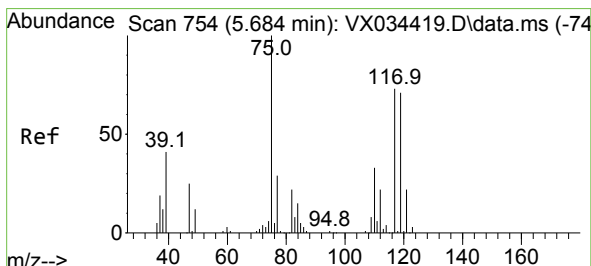
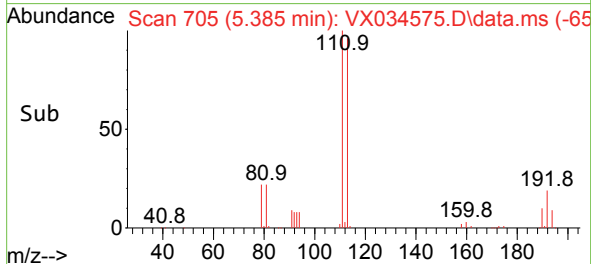
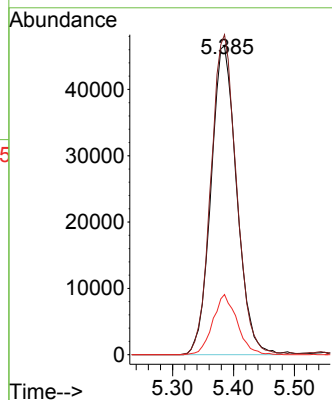
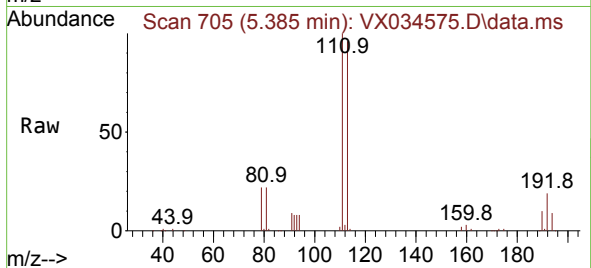




#35
Dibromofluoromethane
Concen: 48.093 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034575.D
Acq: 17 Mar 2023 11:32

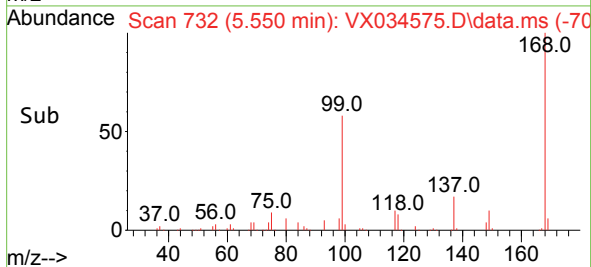
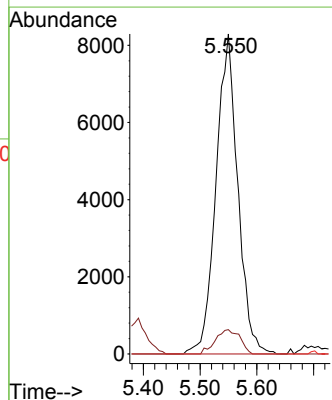
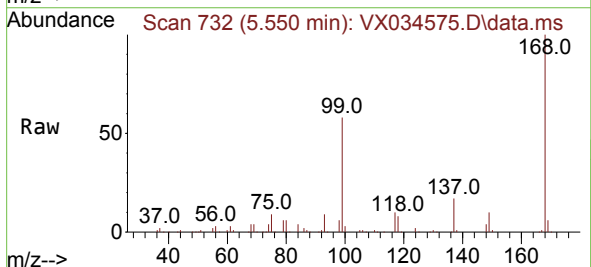
Instrument :
MSVOA_X
ClientSampleId :
VX0317MBL01

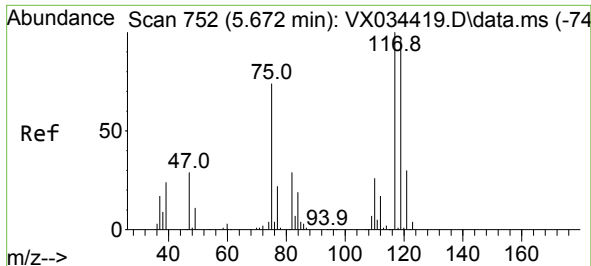
Tgt Ion:113 Resp: 136720
Ion Ratio Lower Upper
113 100
111 103.0 83.7 125.5
192 18.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.062 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034575.D
Acq: 17 Mar 2023 11:32

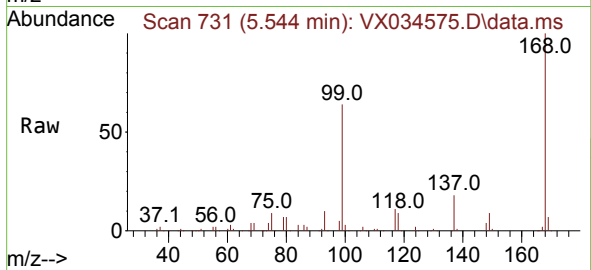
Tgt Ion: 75 Resp: 22102
Ion Ratio Lower Upper
75 100
110 8.6 17.5 52.5#
77 0.0 24.3 36.5#



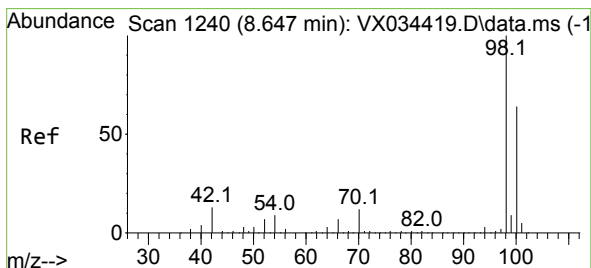
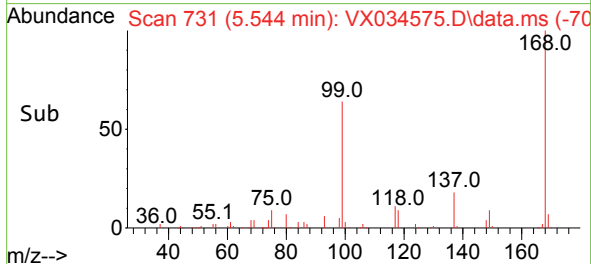
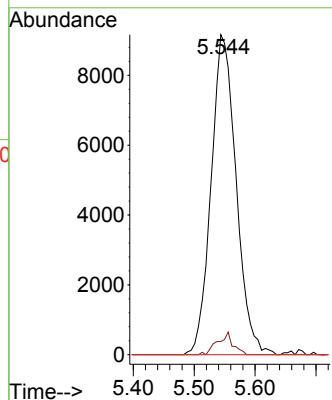


#38
Carbon Tetrachloride
Concen: 6.025 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034575.D
Acq: 17 Mar 2023 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0317MBL01

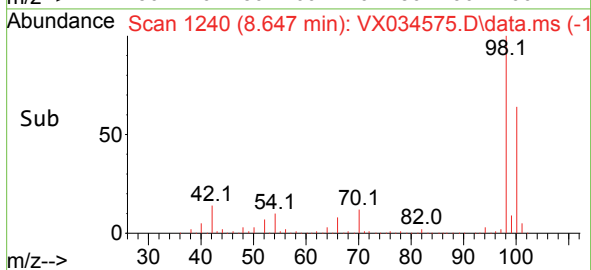
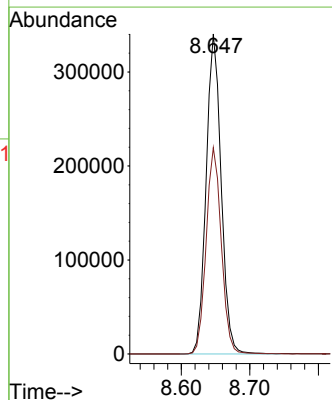
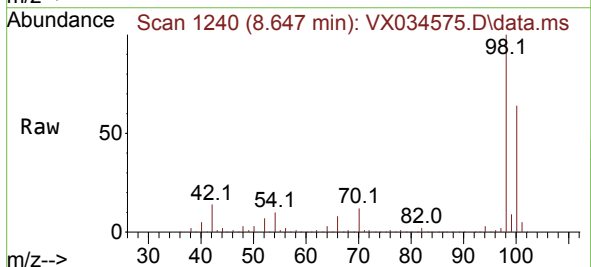


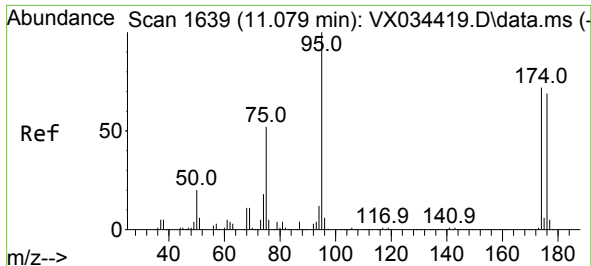
Tgt Ion:117 Resp: 26172
Ion Ratio Lower Upper
117 100
119 4.1 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.974 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034575.D
Acq: 17 Mar 2023 11:32

Tgt Ion: 98 Resp: 519735
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7

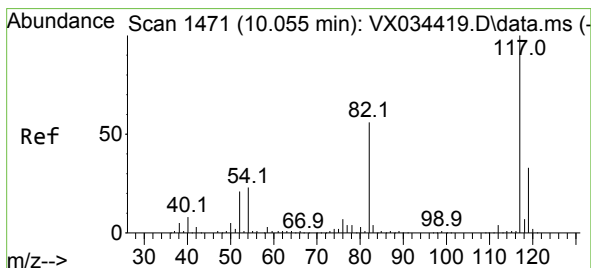
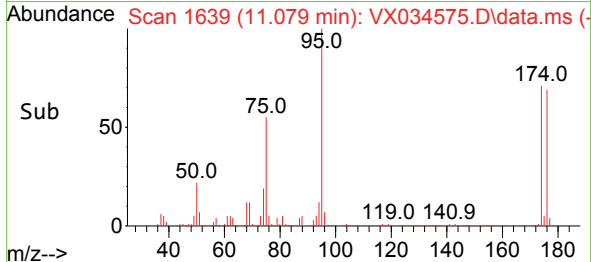
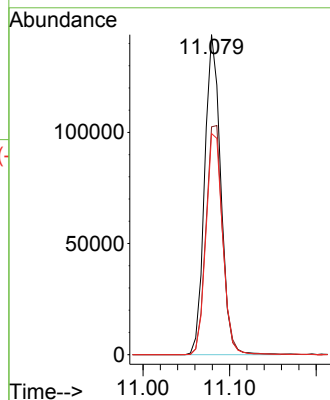
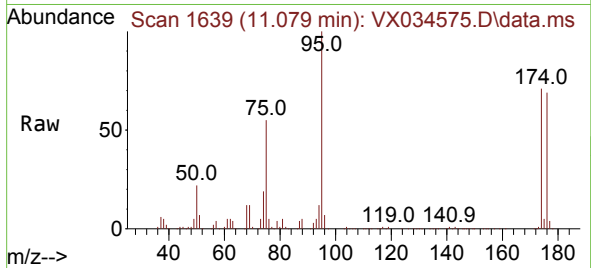




#62
4-Bromofluorobenzene
Concen: 43.311 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034575.D
Acq: 17 Mar 2023 11:32

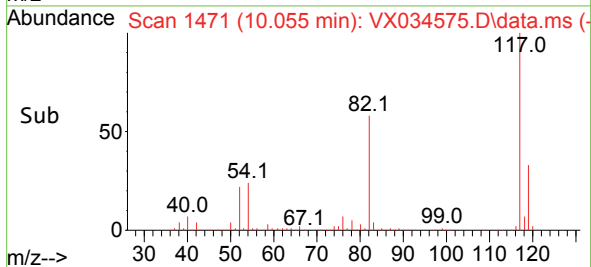
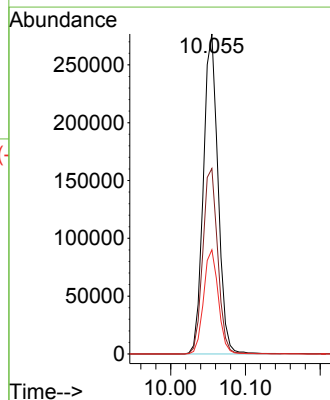
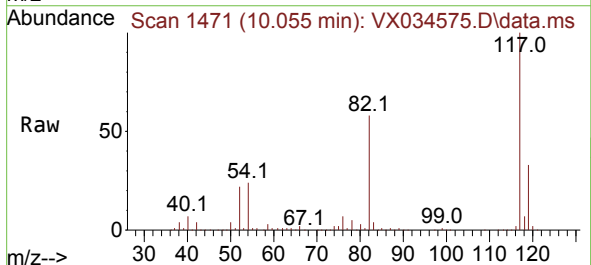
Instrument :
MSVOA_X
ClientSampleId :
VX0317MBL01

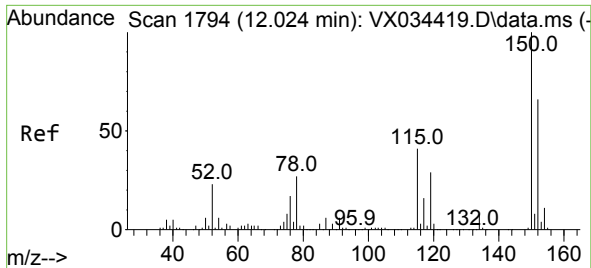
Tgt Ion: 95 Resp: 185657
Ion Ratio Lower Upper
95 100
174 74.6 0.0 147.4
176 71.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034575.D
Acq: 17 Mar 2023 11:32

Tgt Ion: 117 Resp: 376665
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 32.5 26.0 39.0

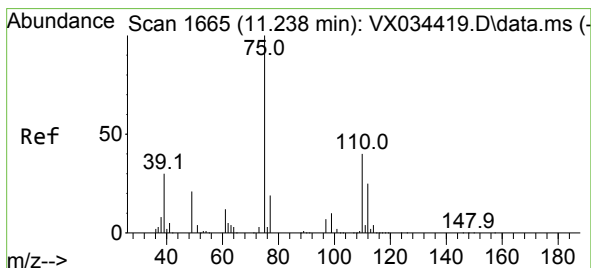
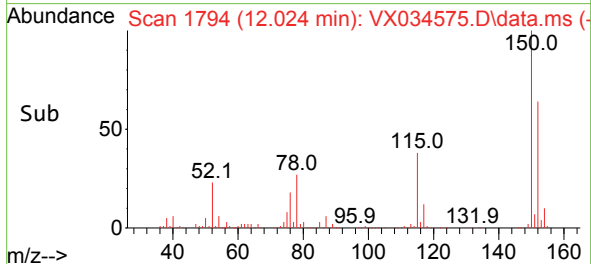
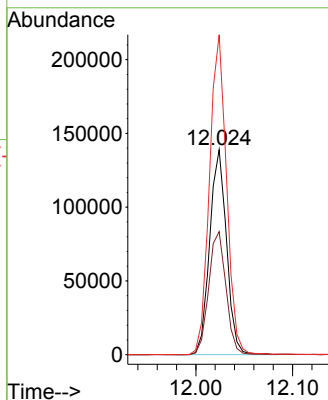
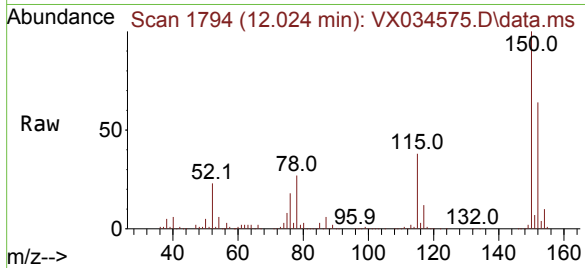




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034575.D
 Acq: 17 Mar 2023 11:32

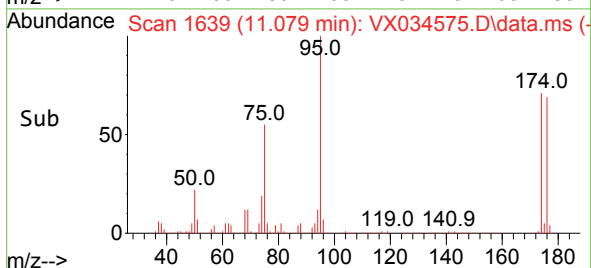
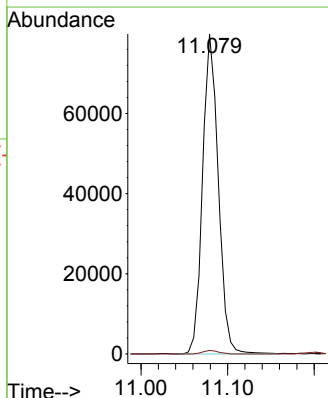
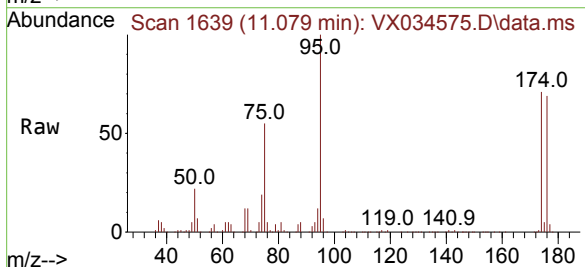
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317MBL01

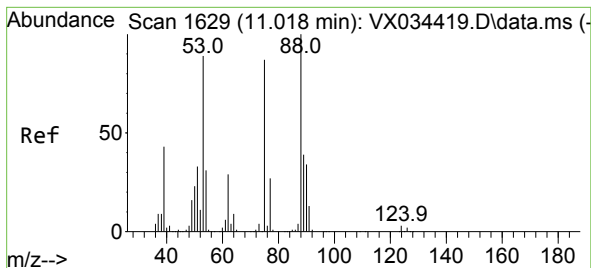
Tgt Ion:152 Resp: 168960
 Ion Ratio Lower Upper
 152 100
 115 61.6 45.0 135.0
 150 157.7 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 25.961 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034575.D
 Acq: 17 Mar 2023 11:32

Tgt Ion: 75 Resp: 100715
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#

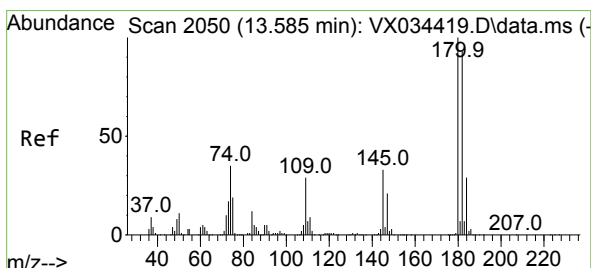
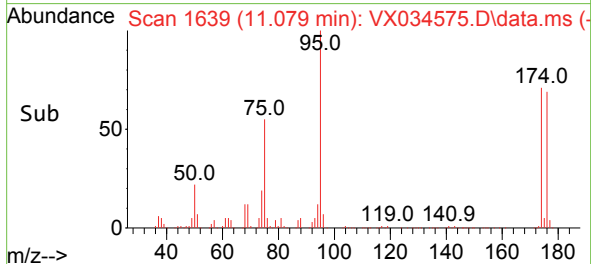
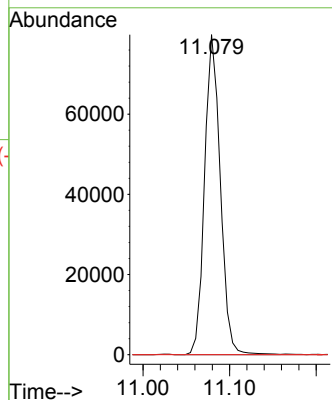
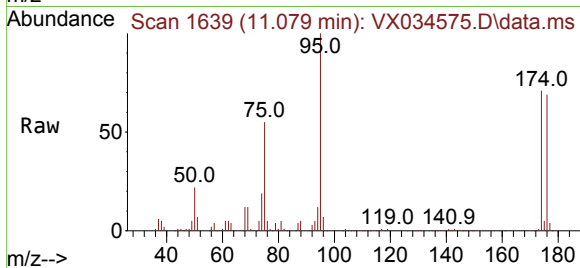




#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.232 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034575.D
 Acq: 17 Mar 2023 11:32

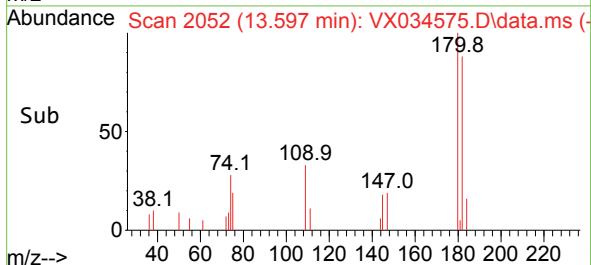
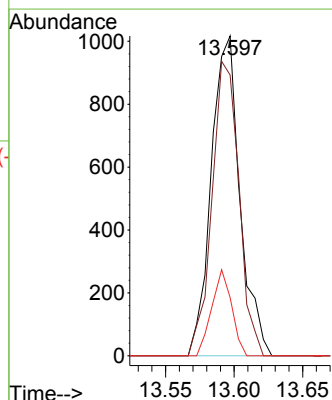
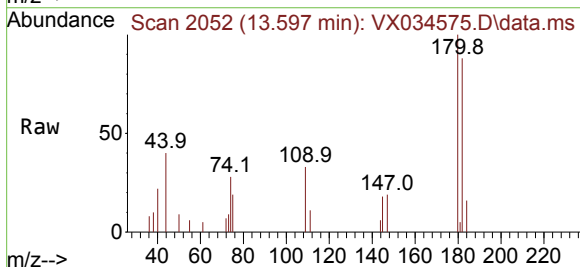
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317MBL01

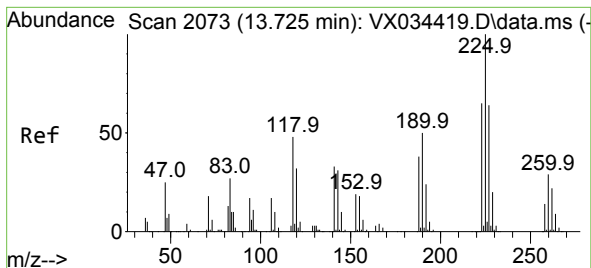
Tgt Ion: 75 Resp: 100715
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.399 ug/l
 RT: 13.597 min Scan# 2052
 Delta R.T. 0.012 min
 Lab File: VX034575.D
 Acq: 17 Mar 2023 11:32

Tgt Ion:180 Resp: 1480
 Ion Ratio Lower Upper
 180 100
 182 86.4 47.0 141.0
 145 18.6 15.9 47.7





#94

Hexachlorobutadiene

Concen: 1.113 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX034575.D

Acq: 17 Mar 2023 11:32

Instrument :

MSVOA_X

ClientSampleId :

VX0317MBL01

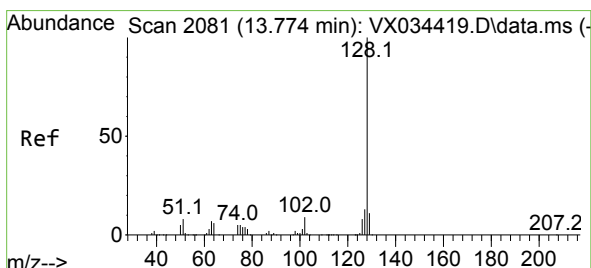
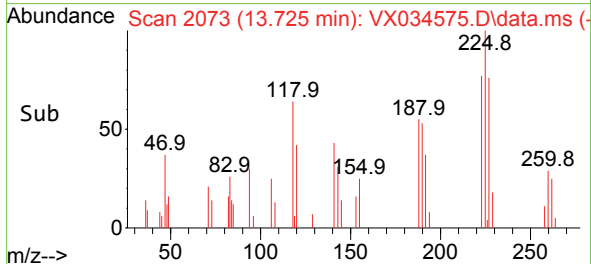
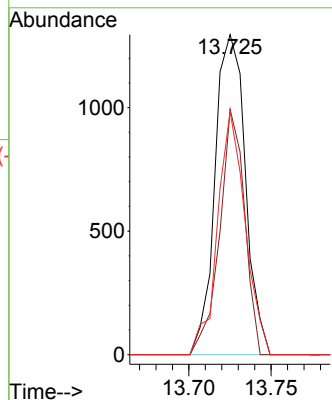
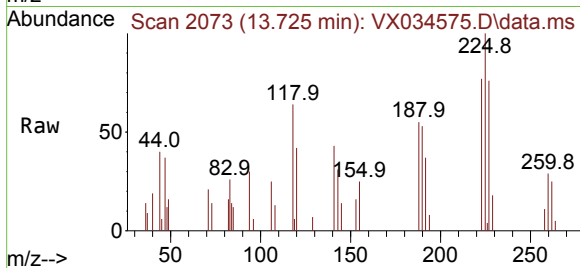
Tgt Ion:225 Resp: 1663

Ion Ratio Lower Upper

225 100

223 62.8 32.1 96.5

227 69.2 31.8 95.4



#95

Naphthalene

Concen: 0.334 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX034575.D

Acq: 17 Mar 2023 11:32

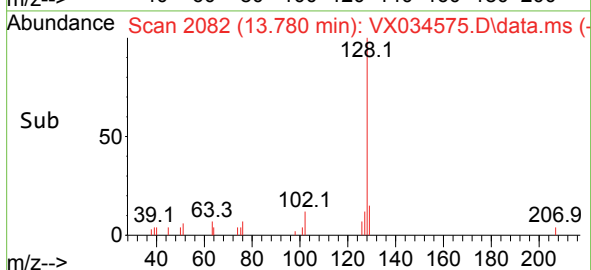
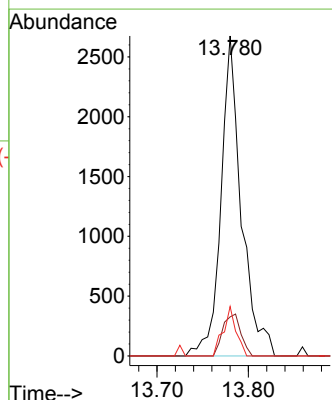
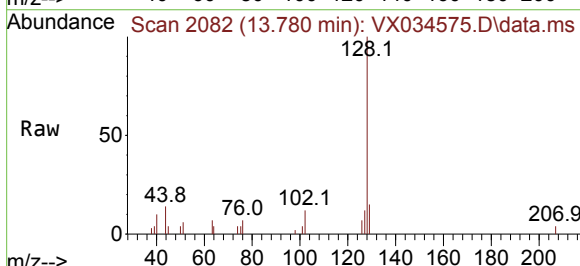
Tgt Ion:128 Resp: 4151

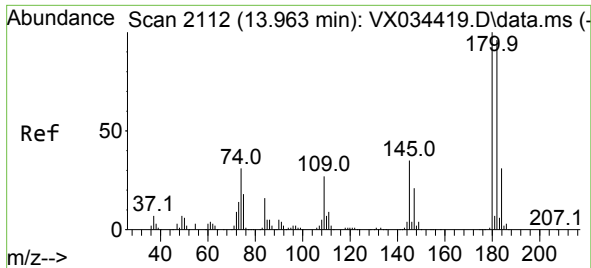
Ion Ratio Lower Upper

128 100

127 11.6 10.2 15.4

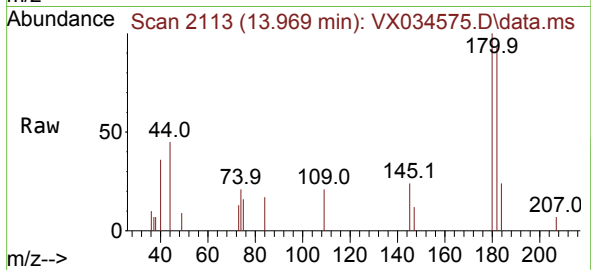
129 9.8 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.378 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX034575.D
 Acq: 17 Mar 2023 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317MBL01



Tgt Ion:180 Resp: 1370
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.0 144.2
 145 36.4 17.7 53.1

