

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034686.D
 Acq On : 23 Mar 2023 09:51
 Operator : JC/MD
 Sample : VX0323WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBL01

Quant Time: Mar 23 13:28:18 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)

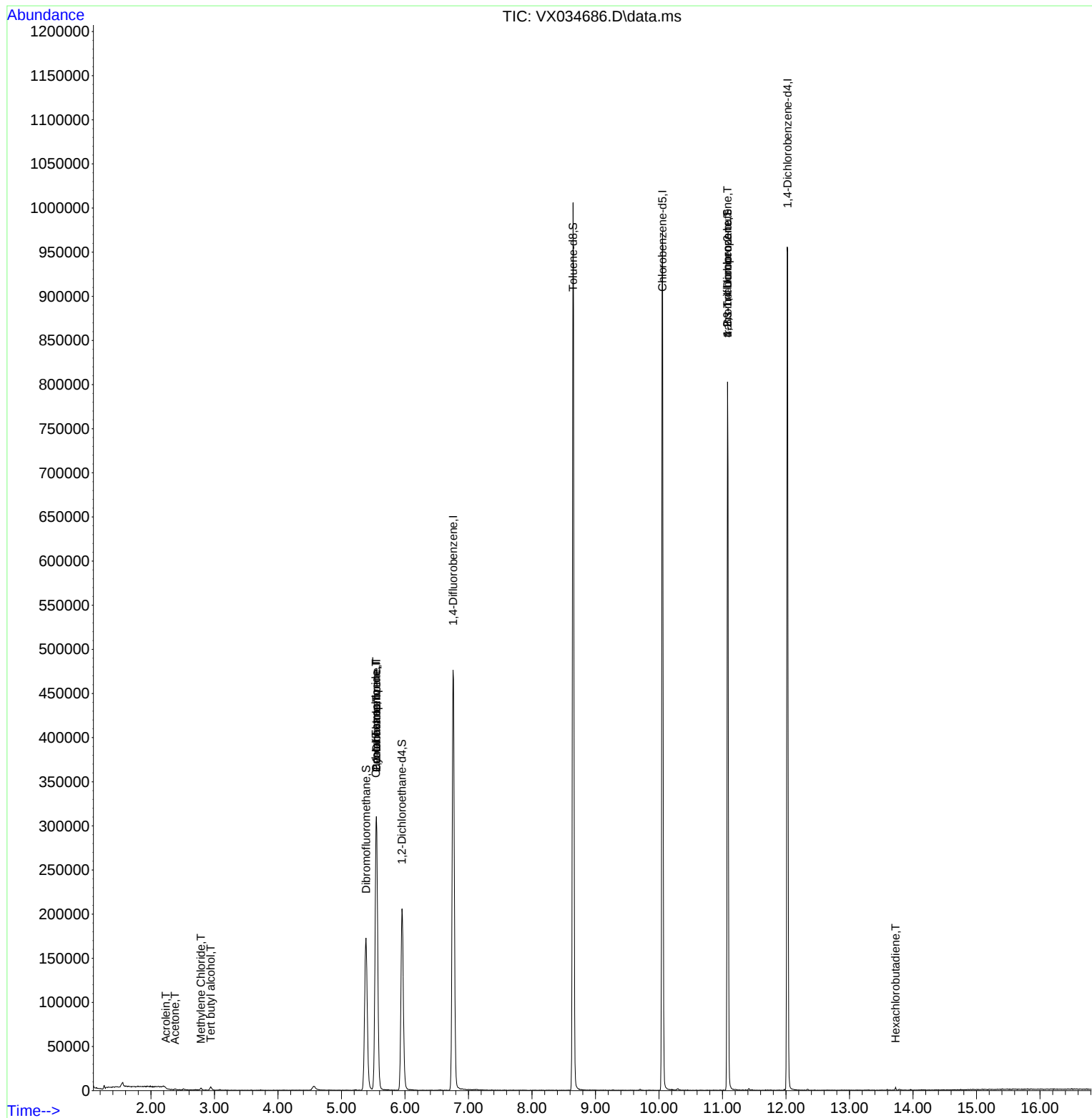
Internal Standards						
1) Pentafluorobenzene	5.550	168	286224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	479346	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	431718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	205546	49.363	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.720%		
35) Dibromofluoromethane	5.385	113	152028	48.036	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.080%		
50) Toluene-d8	8.647	98	574231	48.603	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.200%		
62) 4-Bromofluorobenzene	11.079	95	222741	46.675	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.340%		
Target Compounds						
3) Chloromethane	1.301	50	501	Below Cal	#	42
11) Tert butyl alcohol	2.941	59	2067	2.384	ug/l #	73
13) Acrolein	2.233	56	185	0.270	ug/l #	14
16) Acetone	2.380	43	1344	0.685	ug/l #	87
20) Methylene Chloride	2.788	84	901	0.237	ug/l #	82
31) Cyclohexane	5.550	56	7052	1.208	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	25150	5.174	ug/l #	50
38) Carbon Tetrachloride	5.544	117	30862	6.382	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	117091	26.024	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	117091	70.402	ug/l #	8
94) Hexachlorobutadiene	13.725	225	427	0.246	ug/l	83

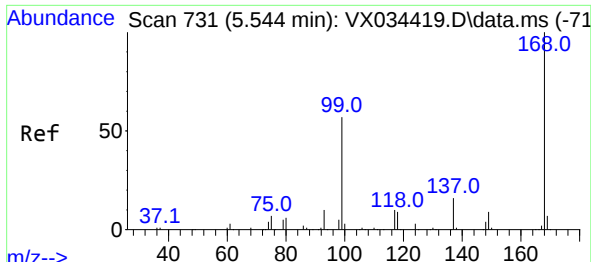
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 23 13:28:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
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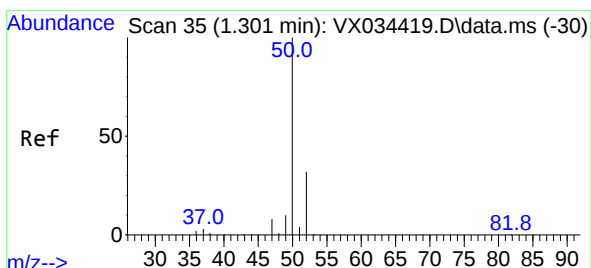
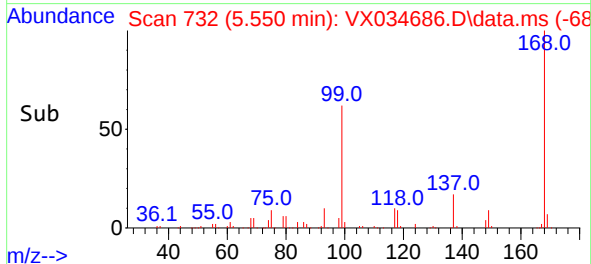
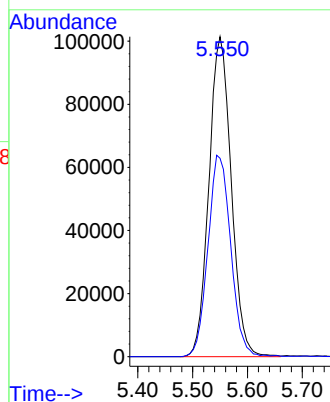
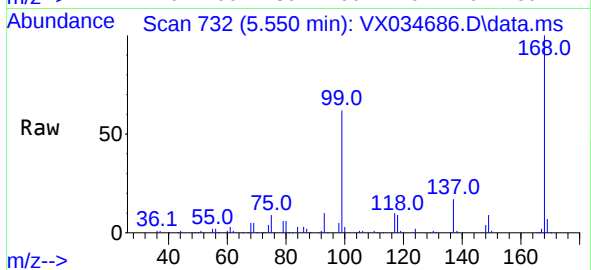




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034686.D
Acq: 23 Mar 2023 09:51

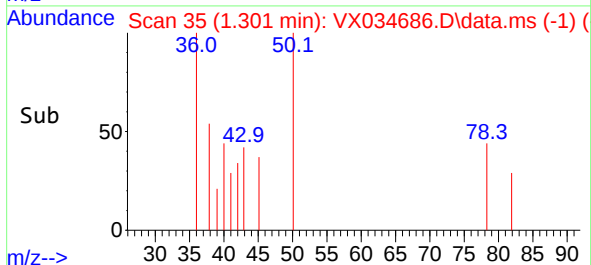
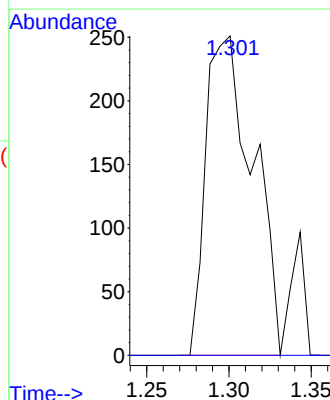
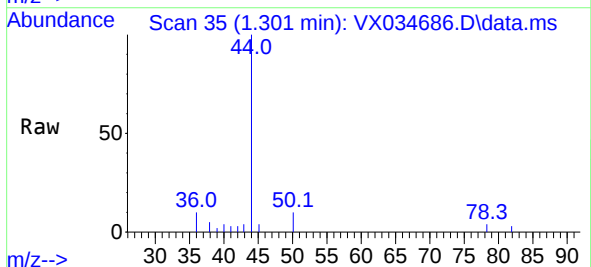
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL01

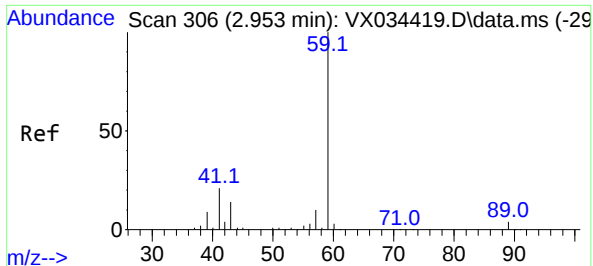
Tgt Ion:168 Resp: 286224
Ion Ratio Lower Upper
168 100
99 62.0 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX034686.D
Acq: 23 Mar 2023 09:51

Tgt Ion: 50 Resp: 501
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 2.384 ug/l

RT: 2.941 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX034686.D

Acq: 23 Mar 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

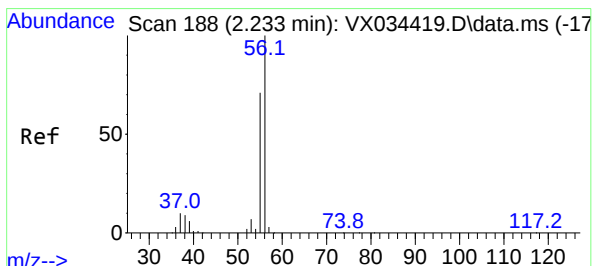
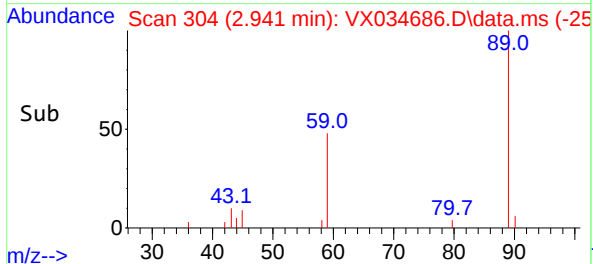
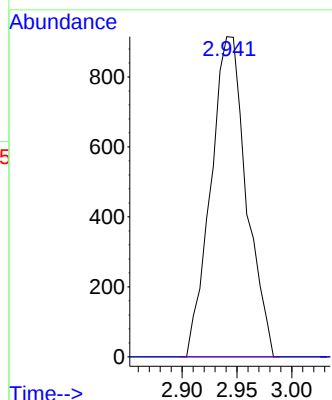
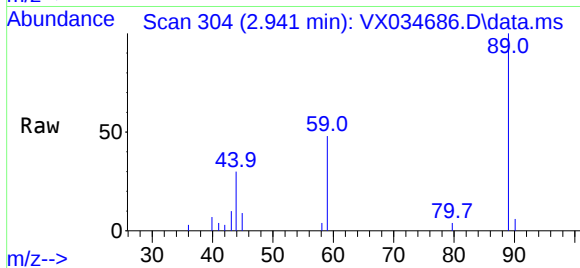
VX0323WBL01

Tgt Ion: 59 Resp: 2067

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 0.270 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX034686.D

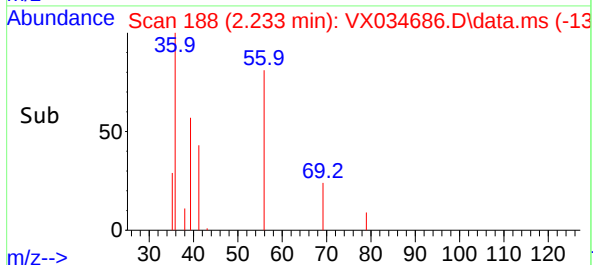
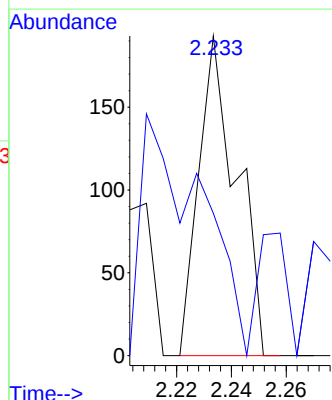
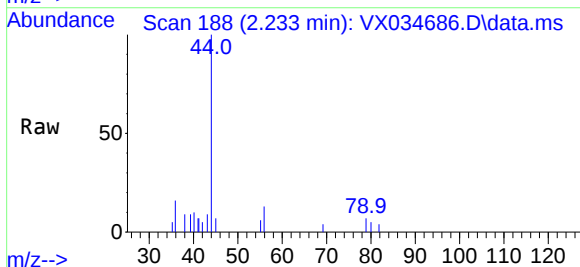
Acq: 23 Mar 2023 09:51

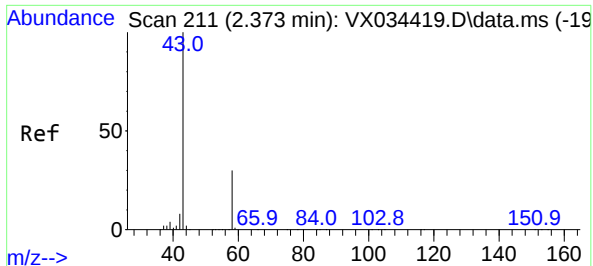
Tgt Ion: 56 Resp: 185

Ion Ratio Lower Upper

56 100

55 0.0 56.6 85.0#

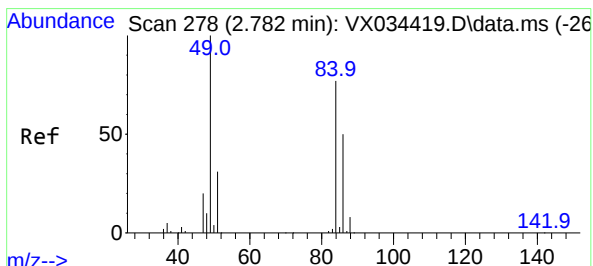
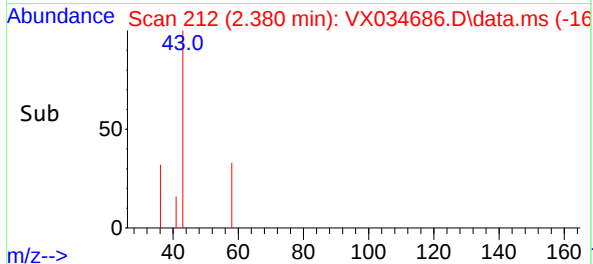
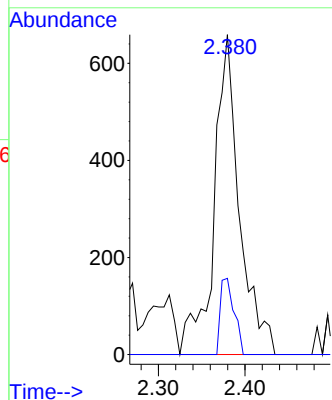
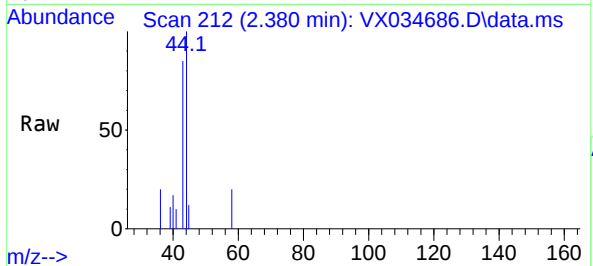




#16
Acetone
Concen: 0.685 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034686.D
Acq: 23 Mar 2023 09:51

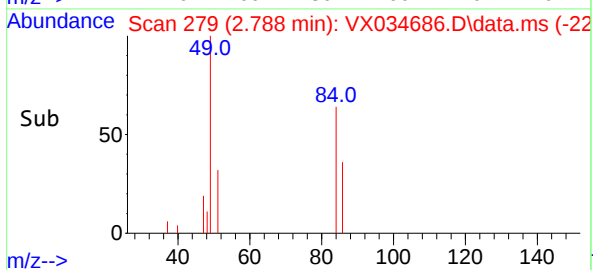
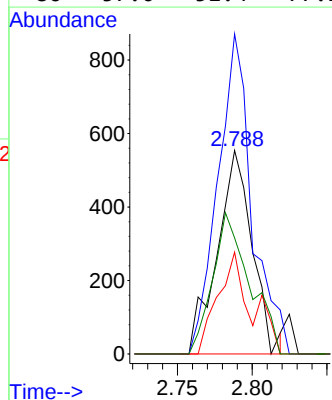
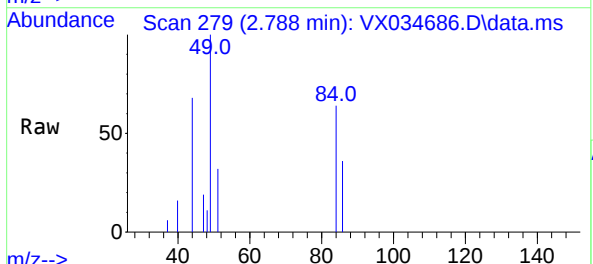
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL01

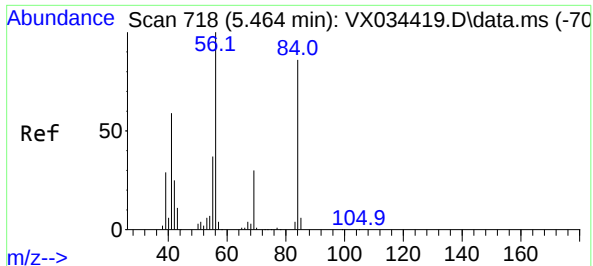
Tgt Ion: 43 Resp: 1344
Ion Ratio Lower Upper
43 100
58 23.8 24.7 37.1#



#20
Methylene Chloride
Concen: 0.237 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034686.D
Acq: 23 Mar 2023 09:51

Tgt Ion: 84 Resp: 901
Ion Ratio Lower Upper
84 100
49 157.2 103.8 155.8#
51 50.0 31.8 47.8#
86 57.0 51.4 77.2

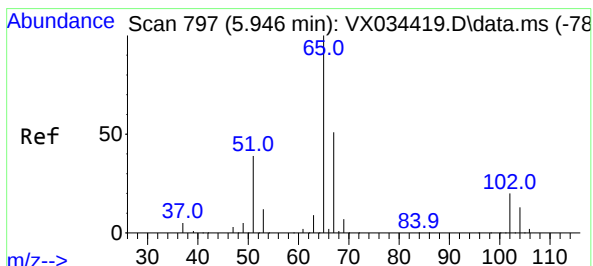
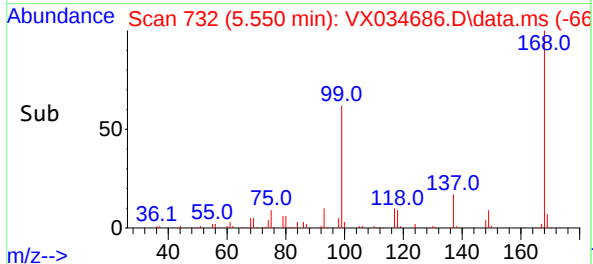
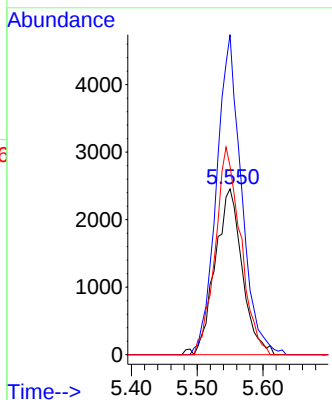
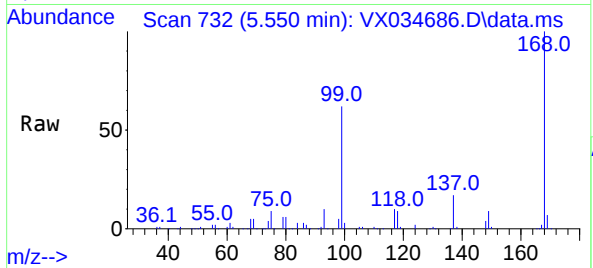




#31
Cyclohexane
Concen: 1.208 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX034686.D
Acq: 23 Mar 2023 09:51

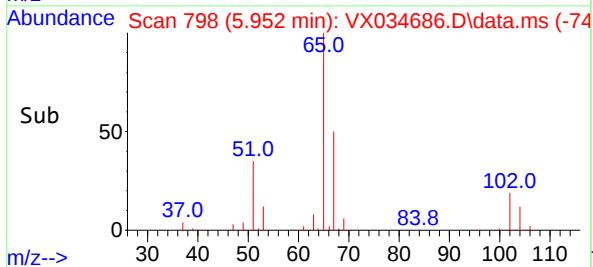
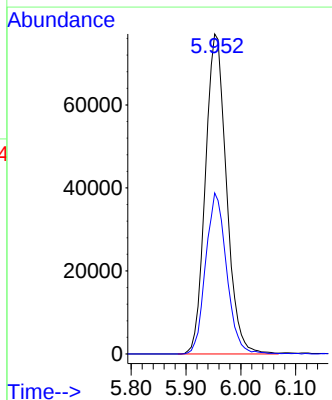
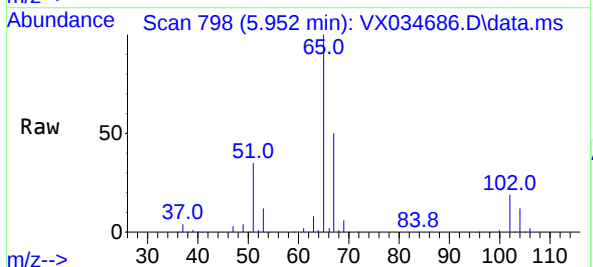
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL01

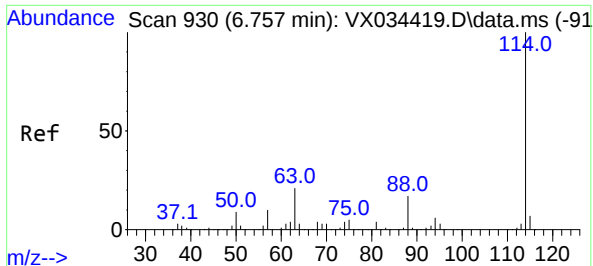
Tgt Ion: 56 Resp: 7052
Ion Ratio Lower Upper
56 100
69 193.1 23.7 35.5#
84 113.8 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 49.363 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034686.D
Acq: 23 Mar 2023 09:51

Tgt Ion: 65 Resp: 205546
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX034686.D

Acq: 23 Mar 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBL01

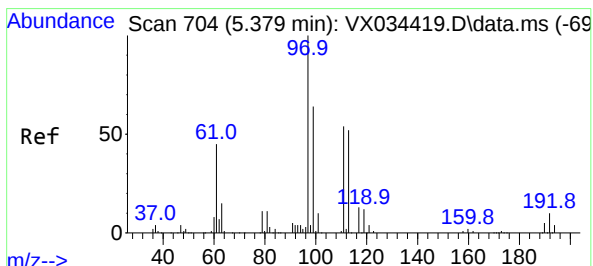
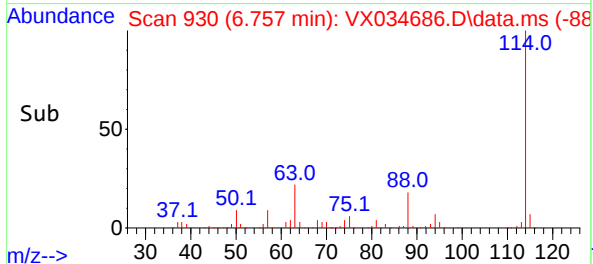
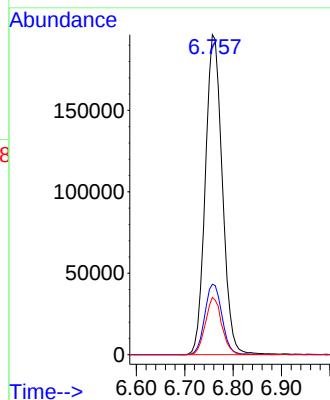
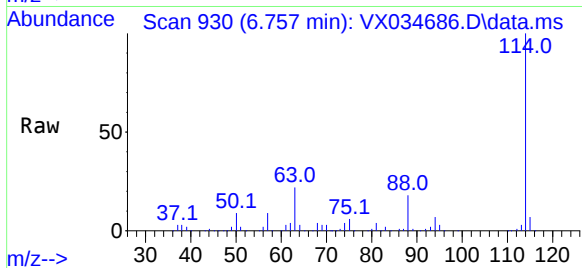
Tgt Ion:114 Resp: 479346

Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.2

88 17.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.036 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034686.D

Acq: 23 Mar 2023 09:51

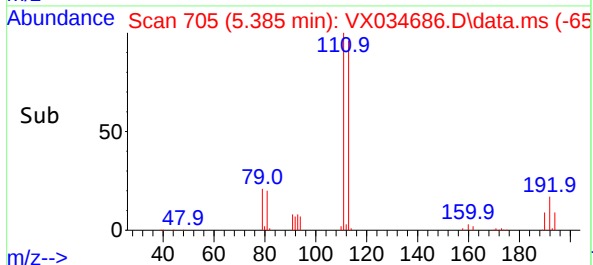
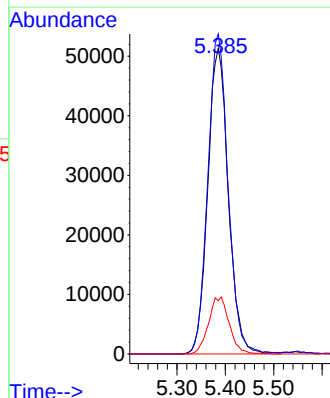
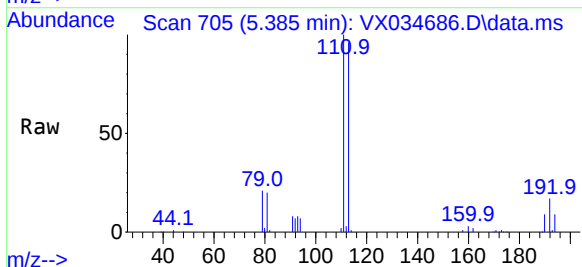
Tgt Ion:113 Resp: 152028

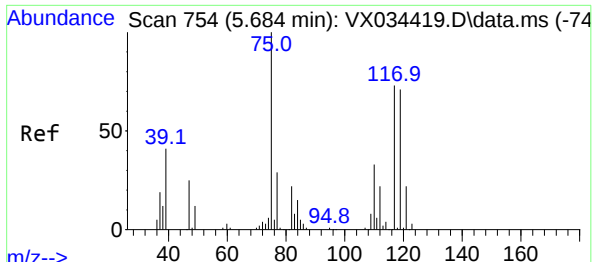
Ion Ratio Lower Upper

113 100

111 103.1 83.7 125.5

192 18.7 15.4 23.2

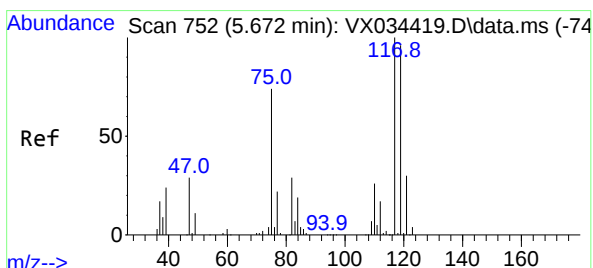
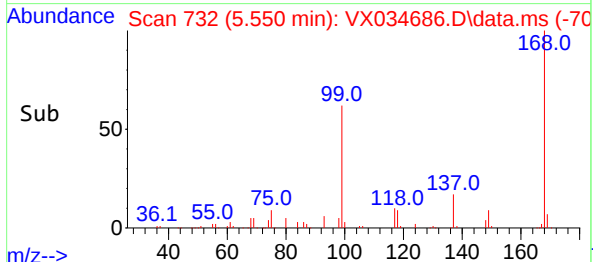
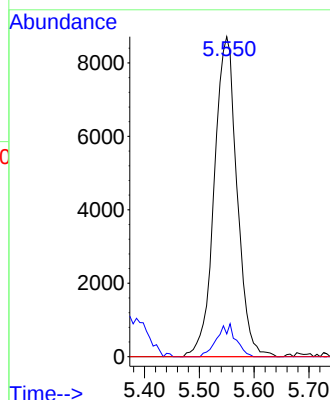
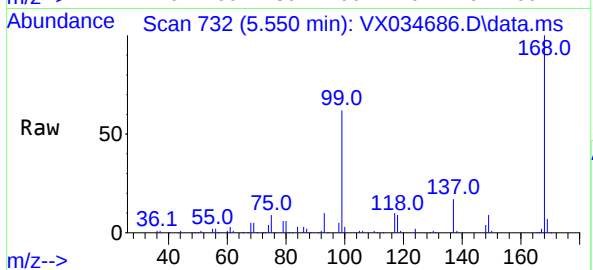




#36
1,1-Dichloropropene
Concen: 5.174 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX034686.D
Acq: 23 Mar 2023 09:51

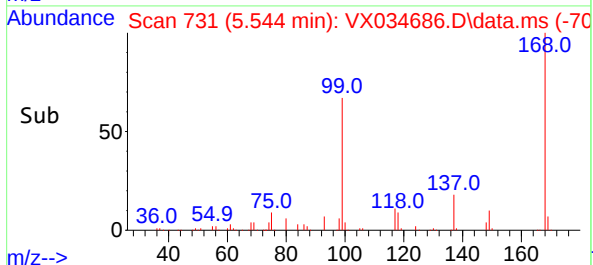
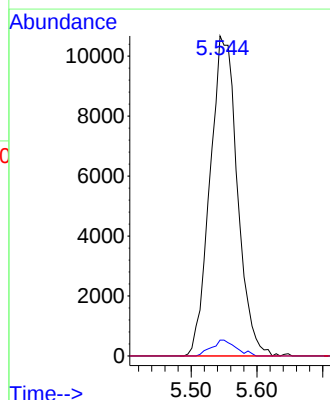
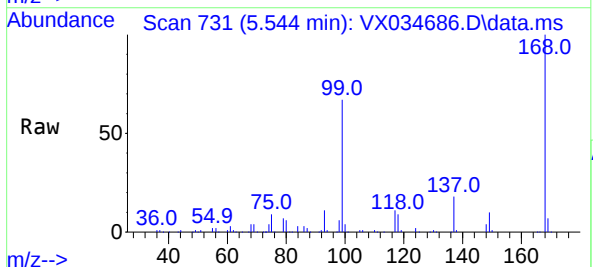
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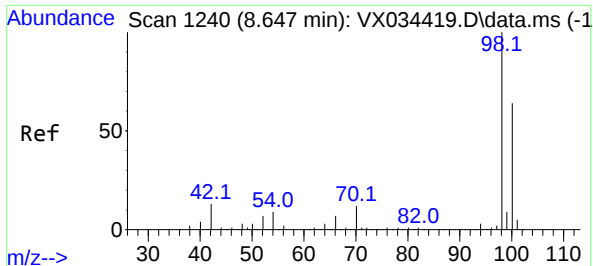
Tgt Ion: 75 Resp: 25150
Ion Ratio Lower Upper
75 100
110 8.5 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.382 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX034686.D
Acq: 23 Mar 2023 09:51

Tgt Ion: 117 Resp: 30862
Ion Ratio Lower Upper
117 100
119 5.0 76.6 114.8#
121 0.0 23.8 35.6#

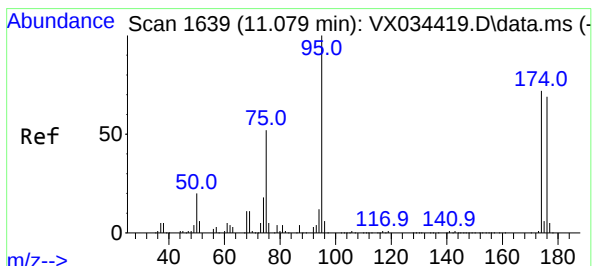
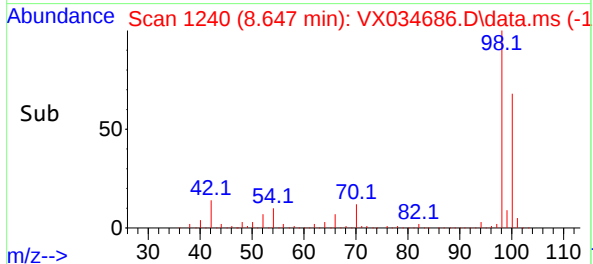
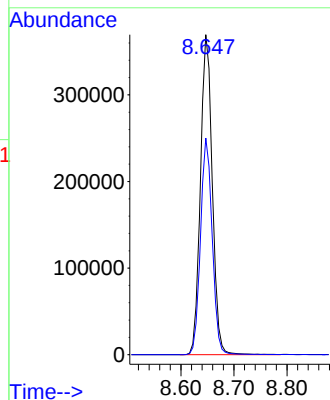
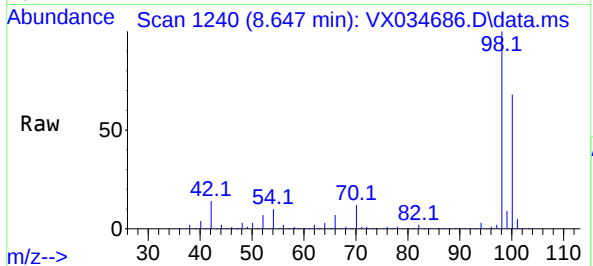




#50
Toluene-d8
Concen: 48.603 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034686.D
Acq: 23 Mar 2023 09:51

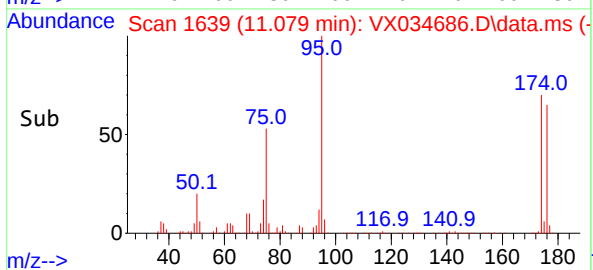
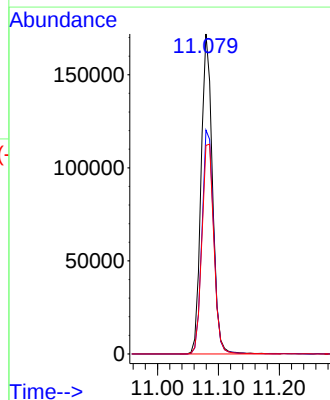
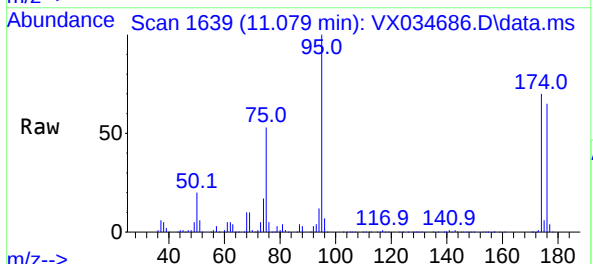
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL01

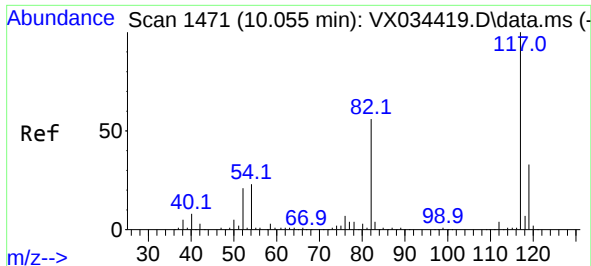
Tgt Ion: 98 Resp: 574231
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.675 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034686.D
Acq: 23 Mar 2023 09:51

Tgt Ion: 95 Resp: 222741
Ion Ratio Lower Upper
95 100
174 71.8 0.0 147.4
176 69.1 0.0 140.6

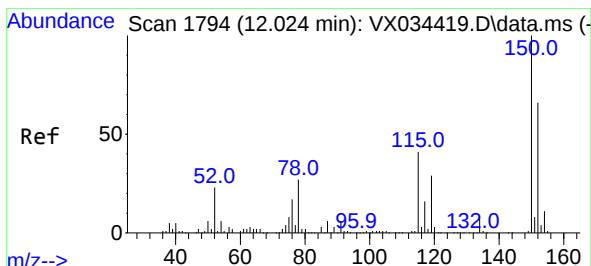
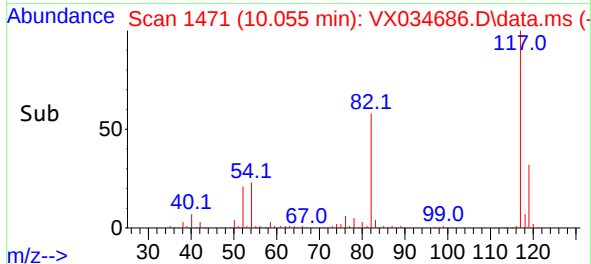
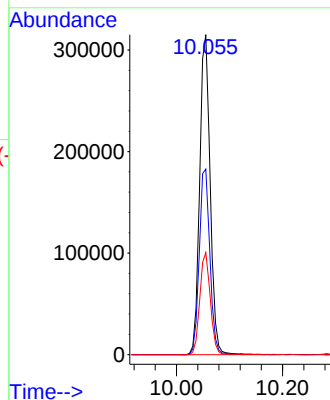
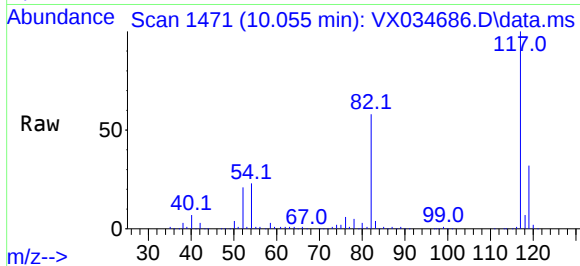




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034686.D
Acq: 23 Mar 2023 09:51

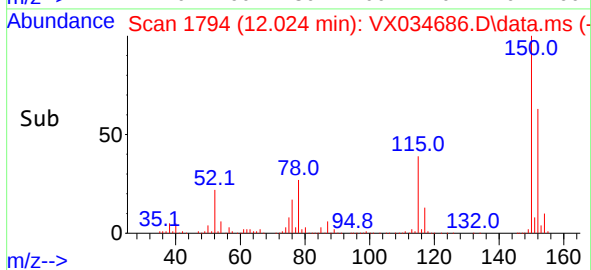
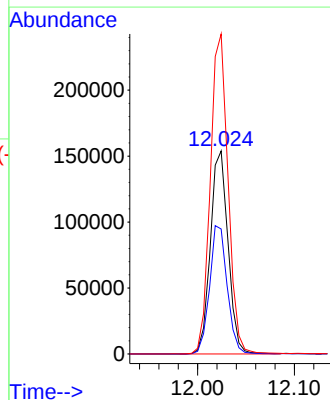
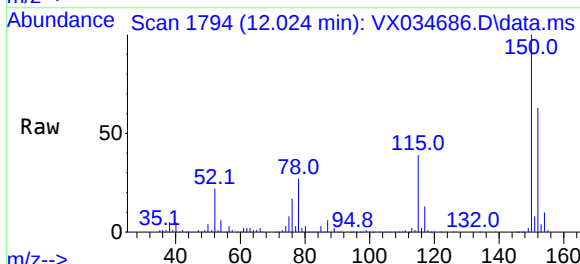
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL01

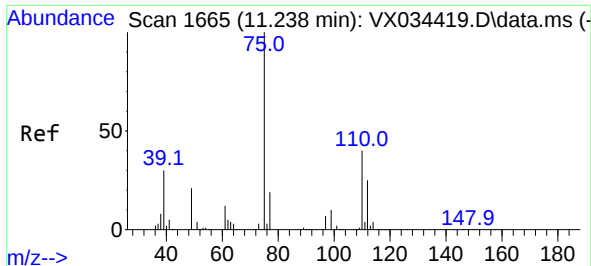
Tgt Ion:117 Resp: 431718
Ion Ratio Lower Upper
117 100
82 58.0 45.0 67.4
119 31.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034686.D
Acq: 23 Mar 2023 09:51

Tgt Ion:152 Resp: 195957
Ion Ratio Lower Upper
152 100
115 62.9 45.0 135.0
150 158.2 0.0 352.4

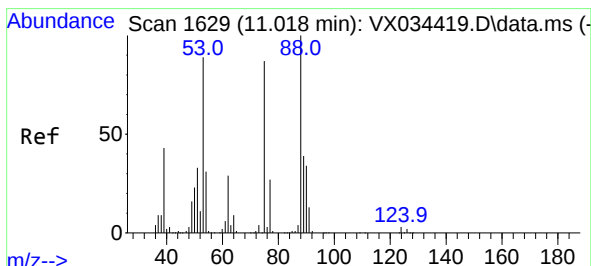
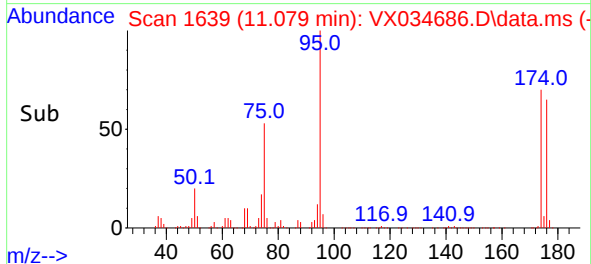
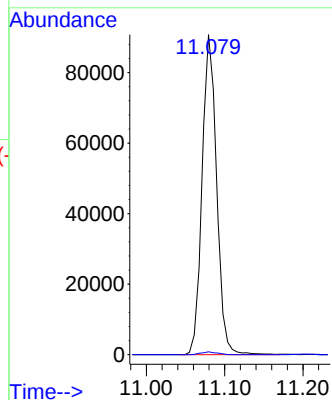
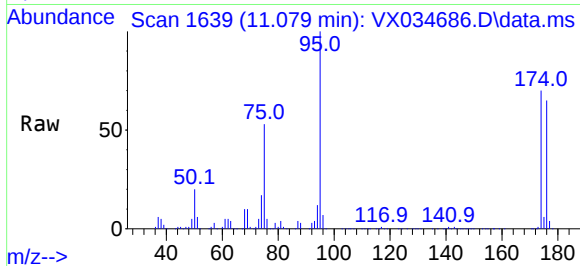




#76
1,2,3-Trichloropropane
Concen: 26.024 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034686.D
Acq: 23 Mar 2023 09:51

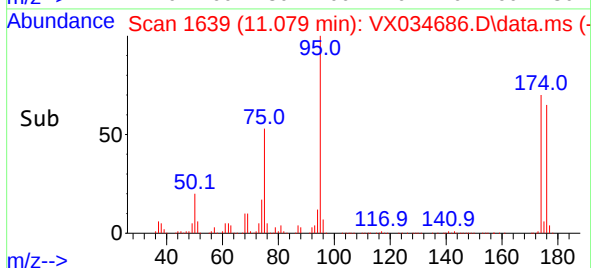
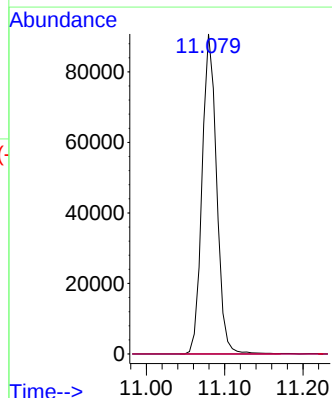
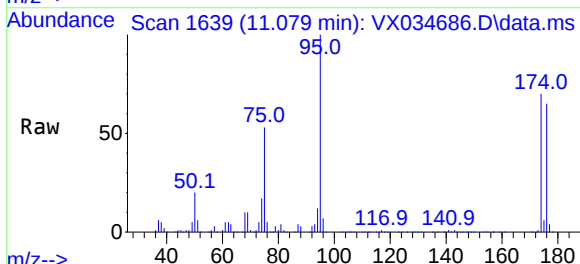
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL01

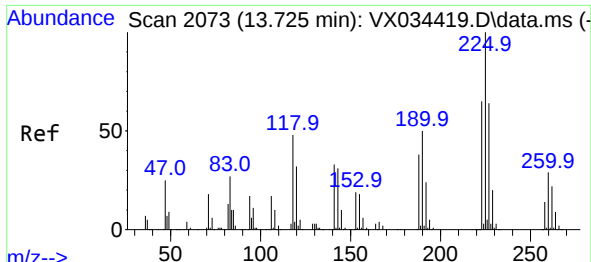
Tgt Ion: 75 Resp: 117091
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.402 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034686.D
Acq: 23 Mar 2023 09:51

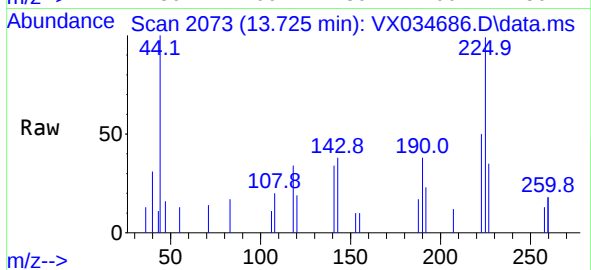
Tgt Ion: 75 Resp: 117091
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#94
 Hexachlorobutadiene
 Concen: 0.246 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX034686.D
 Acq: 23 Mar 2023 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBL01



Tgt Ion:	225	Resp:	427
Ion	Ratio	Lower	Upper
225	100		
223	83.1	32.1	96.5
227	55.7	31.8	95.4

