

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030323\
 Data File : VX034309.D
 Acq On : 03 Mar 2023 09:50
 Operator : JC/MD
 Sample : VX0303MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0303MBL01

Quant Time: Mar 03 15:07:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

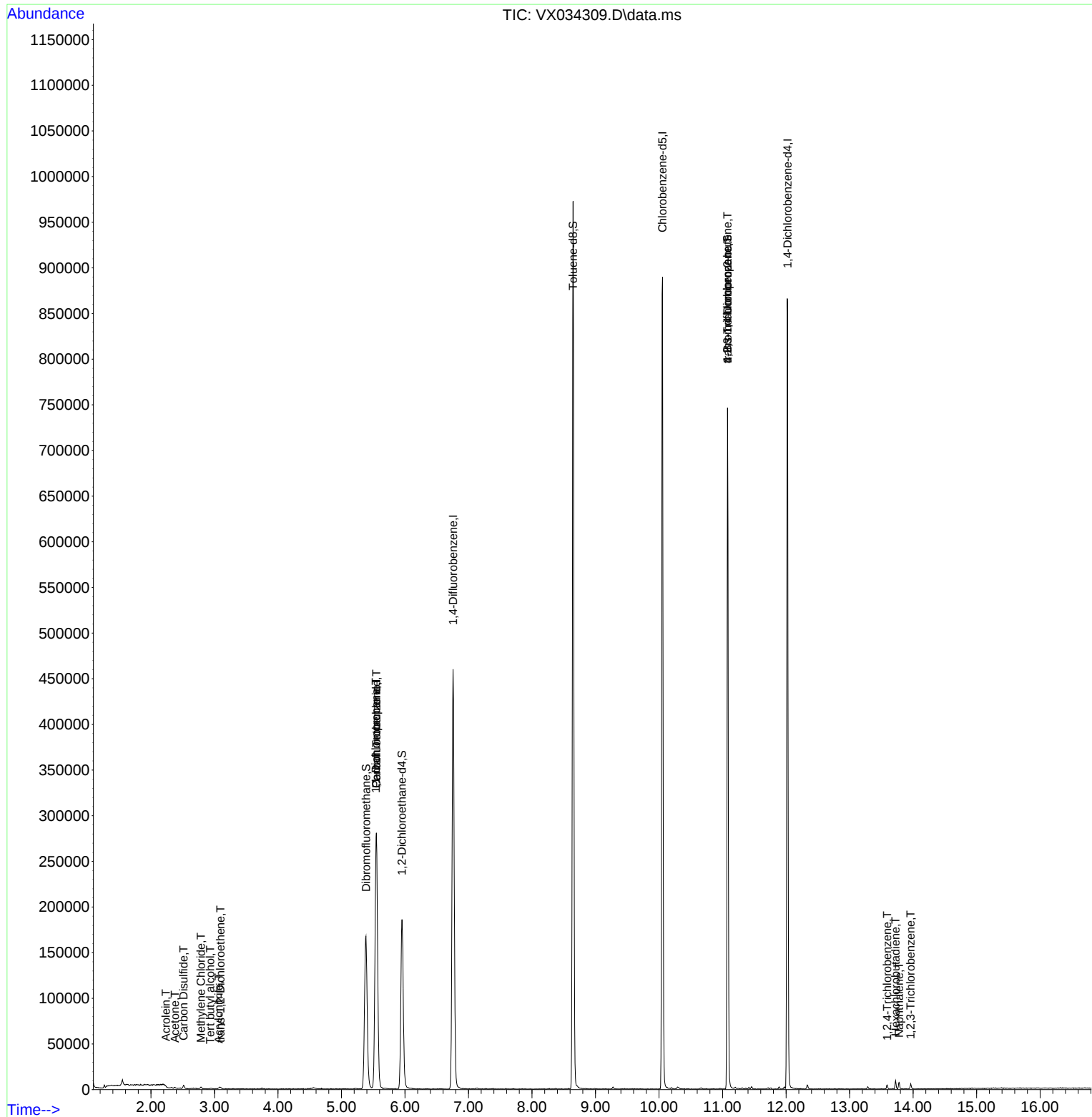
Internal Standards						
1) Pentafluorobenzene	5.550	168	278209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	470368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	411997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	173197	46.225	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.460%		
35) Dibromofluoromethane	5.385	113	149347	48.766	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.540%		
50) Toluene-d8	8.647	98	558406	50.784	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.560%		
62) 4-Bromofluorobenzene	11.079	95	196545	46.731	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.460%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	497	Below Cal	#	55
11) Tert butyl alcohol	2.934	59	291	0.347	ug/l #	86
13) Acrolein	2.233	56	517	1.351	ug/l #	73
15) Acrylonitrile	3.068	53	813	0.445	ug/l #	57
16) Acetone	2.380	43	1398	0.723	ug/l #	77
17) Carbon Disulfide	2.514	76	4222	0.488	ug/l	100
20) Methylene Chloride	2.788	84	770	0.221	ug/l #	90
21) trans-1,2-Dichloroethene	3.093	96	733	0.232	ug/l #	64
36) 1,1-Dichloropropene	5.544	75	20841	4.601	ug/l #	49
38) Carbon Tetrachloride	5.550	117	26995	5.792	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	100186	21.464	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	100186	55.138	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	1490	0.372	ug/l	88
94) Hexachlorobutadiene	13.725	225	1417	0.853	ug/l	88
95) Naphthalene	13.780	128	5320	0.394	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.963	180	1563	0.393	ug/l	97

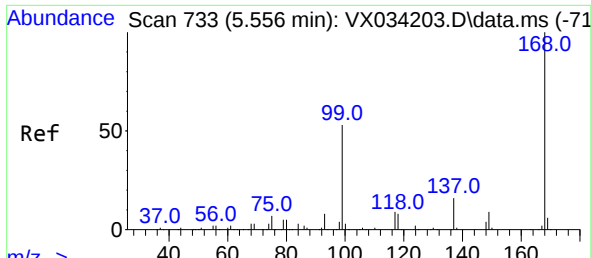
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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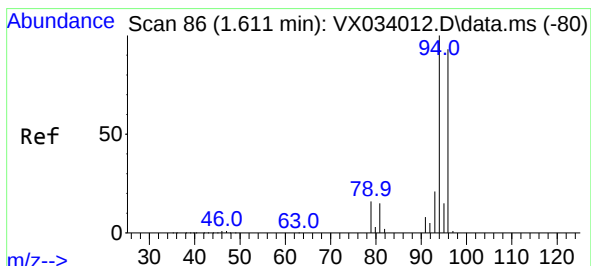
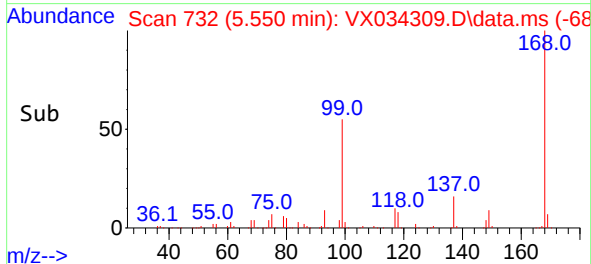
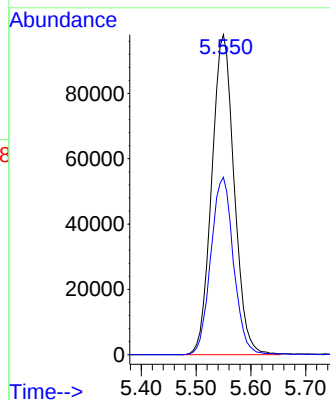
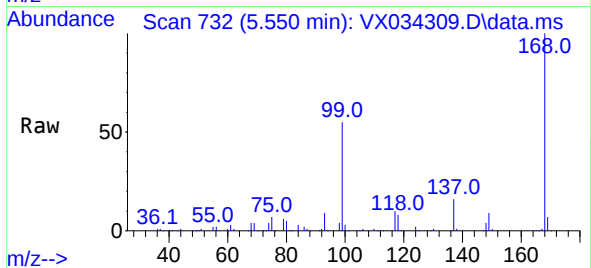




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034309.D
Acq: 03 Mar 2023 09:50

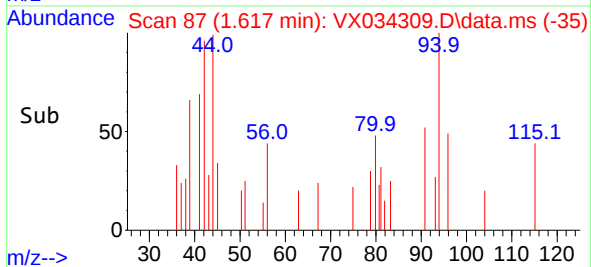
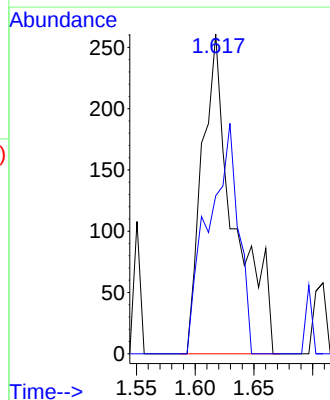
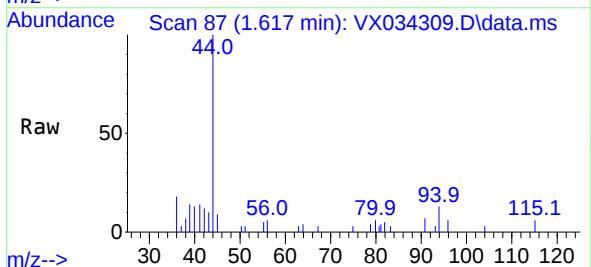
Instrument :
MSVOA_X
ClientSampleId :
VX0303MBL01

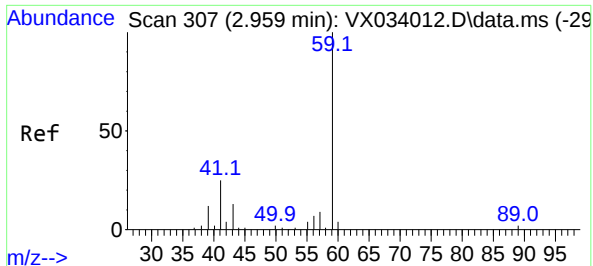
Tgt Ion:168 Resp: 278209
Ion Ratio Lower Upper
168 100
99 55.4 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX034309.D
Acq: 03 Mar 2023 09:50

Tgt Ion: 94 Resp: 497
Ion Ratio Lower Upper
94 100
96 49.4 74.3 111.5#





#11

Tert butyl alcohol

Concen: 0.347 ug/l

RT: 2.934 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX034309.D

Acq: 03 Mar 2023 09:50

Instrument :

MSVOA_X

ClientSampleId :

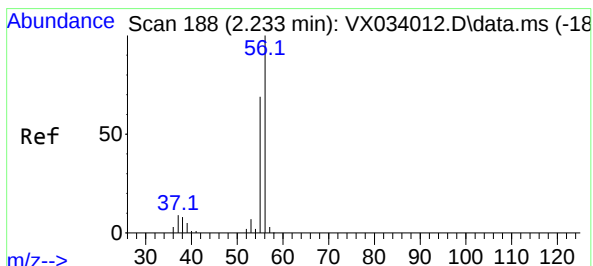
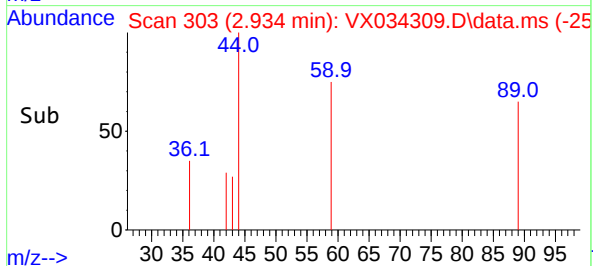
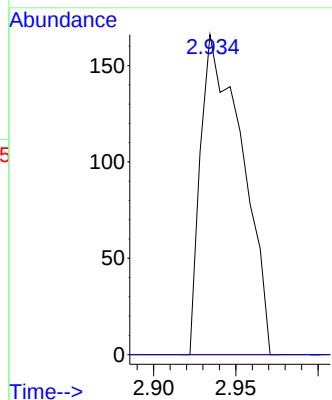
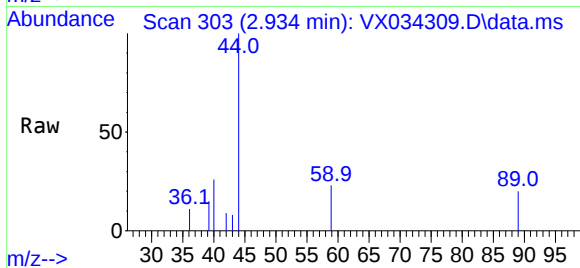
VX0303MBL01

Tgt Ion: 59 Resp: 291

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#13

Acrolein

Concen: 1.351 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX034309.D

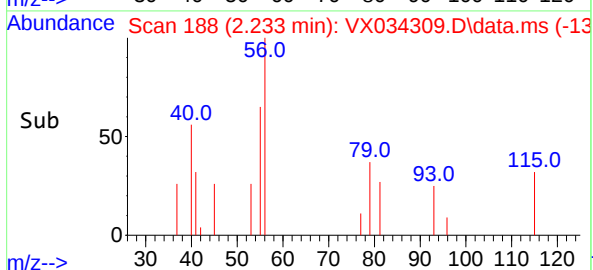
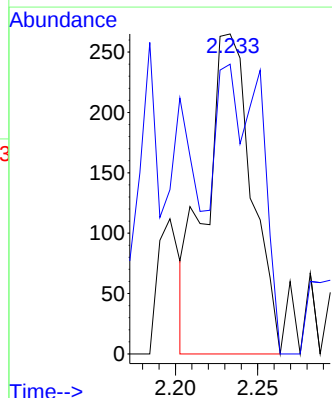
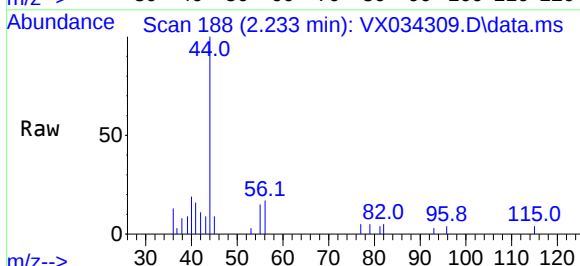
Acq: 03 Mar 2023 09:50

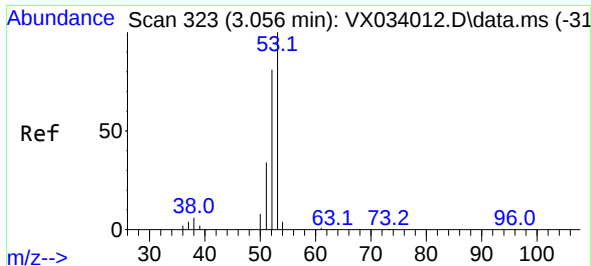
Tgt Ion: 56 Resp: 517

Ion Ratio Lower Upper

56 100

55 92.5 56.3 84.5#





#15

Acrylonitrile

Concen: 0.445 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX034309.D

Acq: 03 Mar 2023 09:50

Instrument :

MSVOA_X

ClientSampleId :

VX0303MBL01

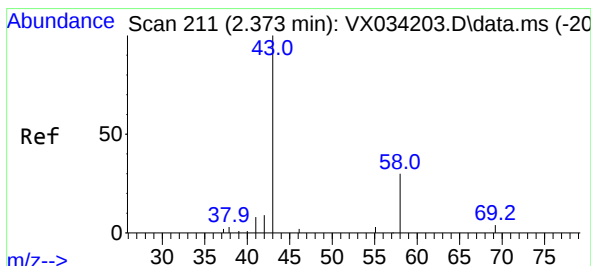
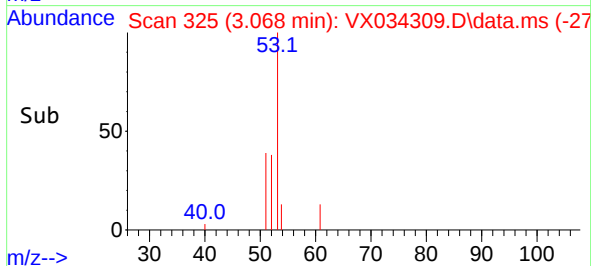
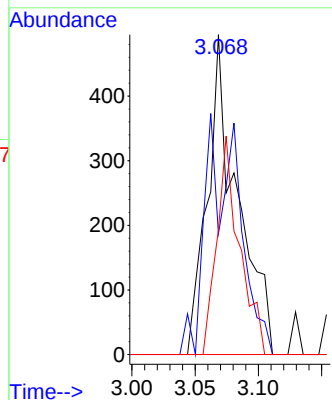
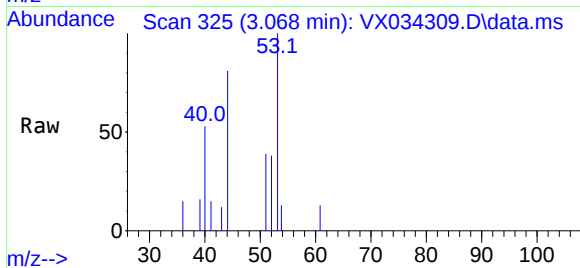
Tgt Ion: 53 Resp: 813

Ion Ratio Lower Upper

53 100

52 37.1 65.7 98.5#

51 51.4 29.0 43.4#



#16

Acetone

Concen: 0.723 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX034309.D

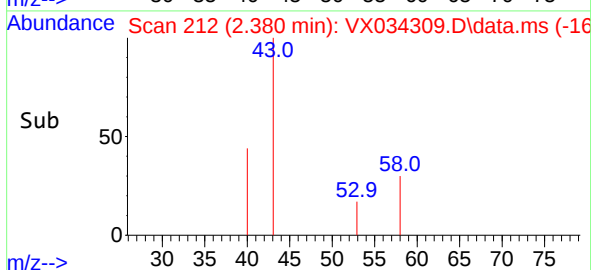
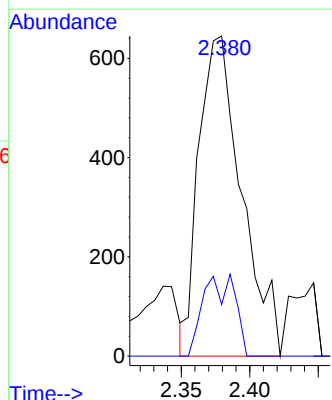
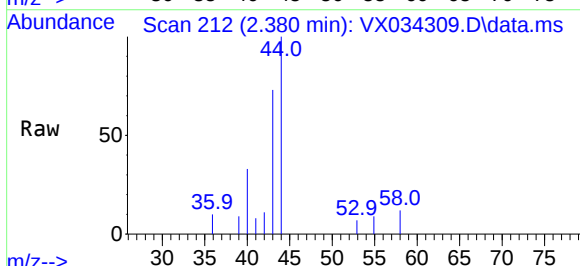
Acq: 03 Mar 2023 09:50

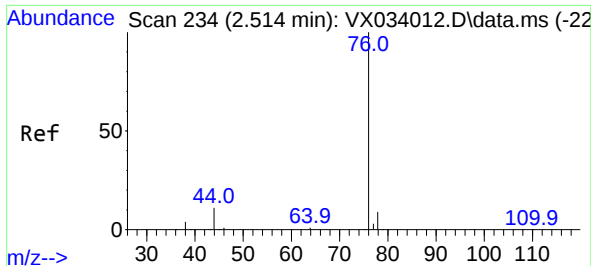
Tgt Ion: 43 Resp: 1398

Ion Ratio Lower Upper

43 100

58 16.1 22.6 33.8#

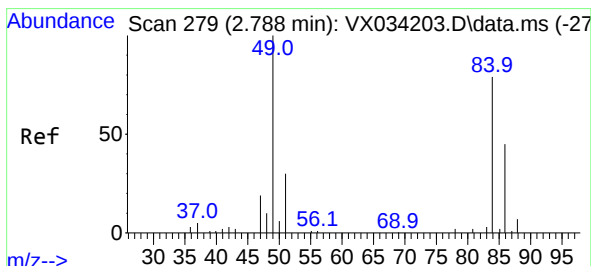
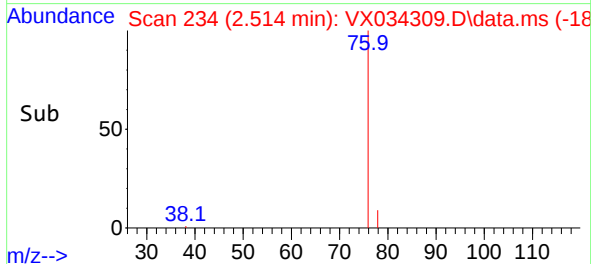
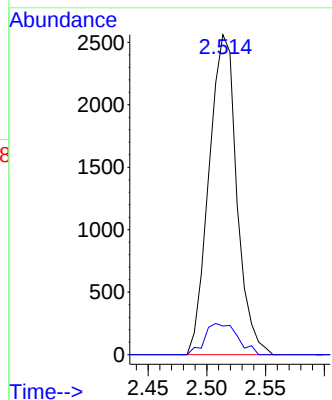
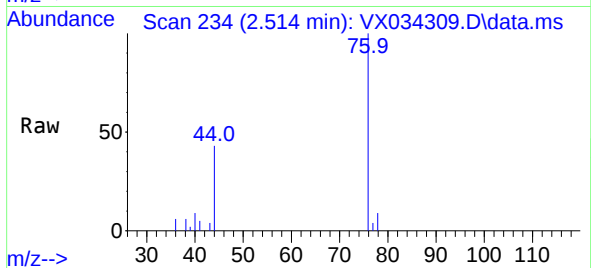




#17
Carbon Disulfide
Concen: 0.488 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034309.D
Acq: 03 Mar 2023 09:50

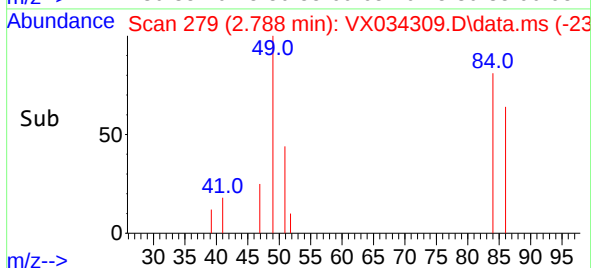
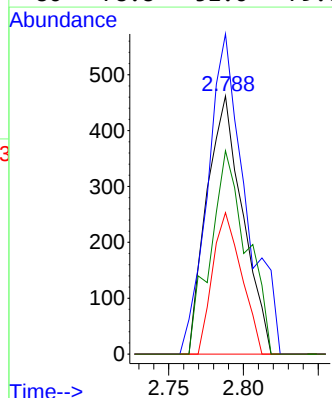
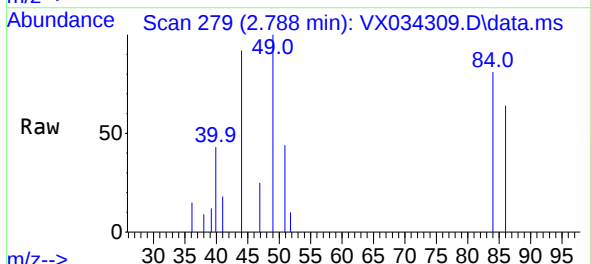
Instrument :
MSVOA_X
ClientSampleId :
VX0303MBL01

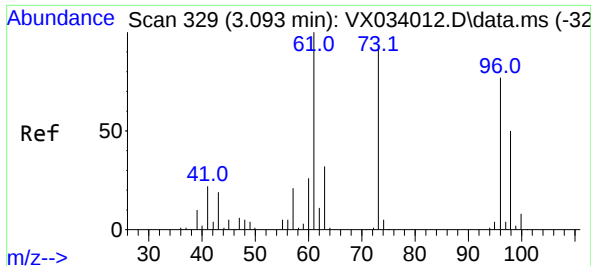
Tgt Ion: 76 Resp: 4222
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#20
Methylene Chloride
Concen: 0.221 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034309.D
Acq: 03 Mar 2023 09:50

Tgt Ion: 84 Resp: 770
Ion Ratio Lower Upper
84 100
49 124.0 101.1 151.7
51 54.8 31.0 46.6#
86 78.8 52.6 79.0

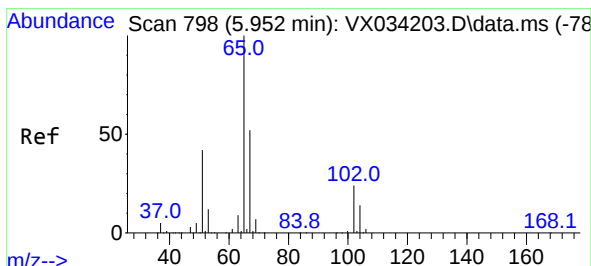
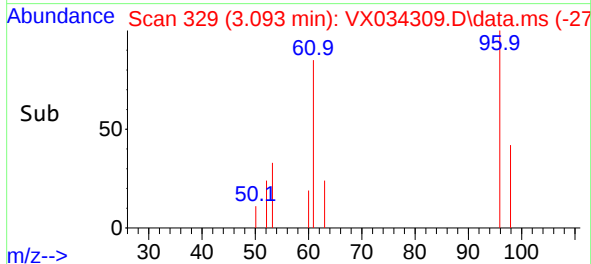
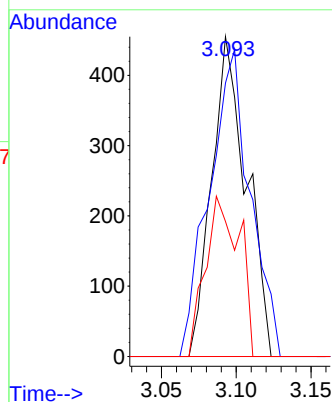
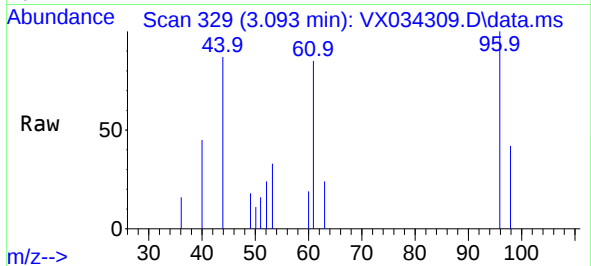




#21
trans-1,2-Dichloroethene
Concen: 0.232 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034309.D
Acq: 03 Mar 2023 09:50

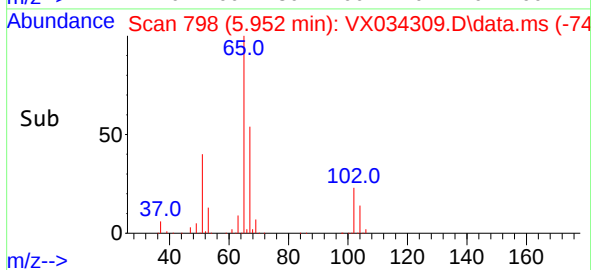
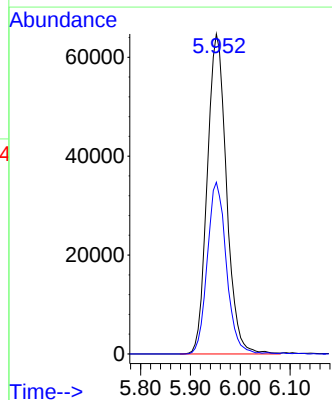
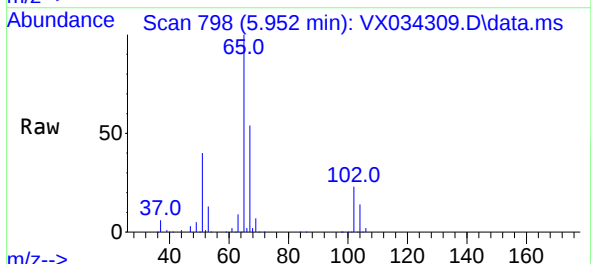
Instrument :
MSVOA_X
ClientSampleId :
VX0303MBL01

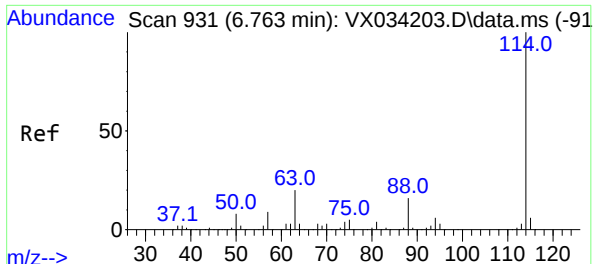
Tgt Ion: 96 Resp: 733
Ion Ratio Lower Upper
96 100
61 85.5 106.7 160.1#
98 42.2 50.0 75.0#



#33
1,2-Dichloroethane-d4
Concen: 46.225 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034309.D
Acq: 03 Mar 2023 09:50

Tgt Ion: 65 Resp: 173197
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX034309.D

Acq: 03 Mar 2023 09:50

Instrument :

MSVOA_X

ClientSampleId :

VX0303MBL01

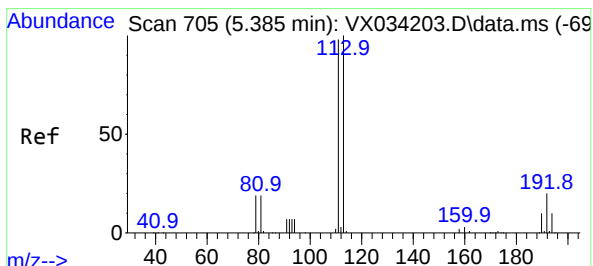
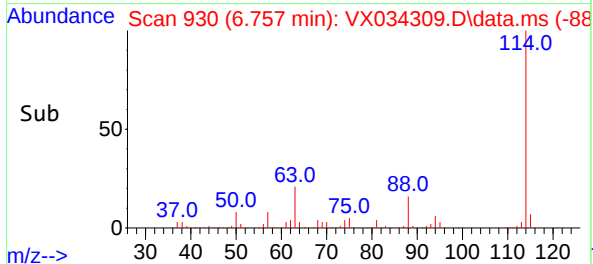
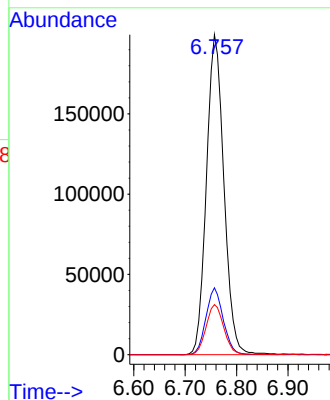
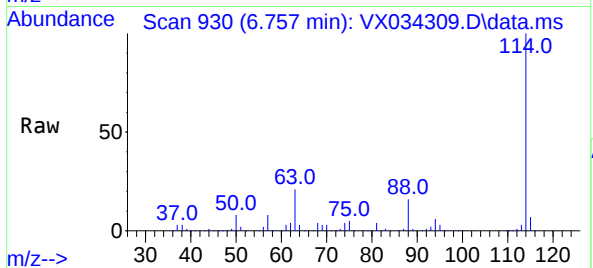
Tgt Ion:114 Resp: 470368

Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.766 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034309.D

Acq: 03 Mar 2023 09:50

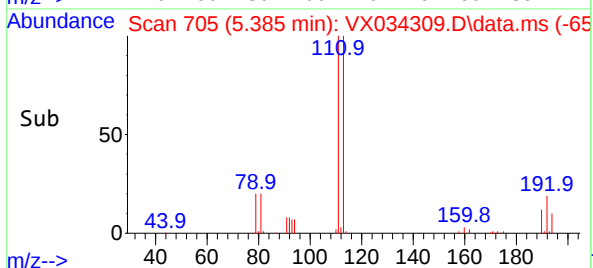
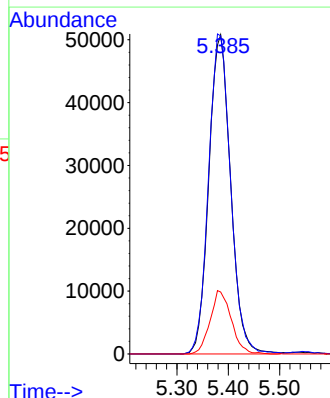
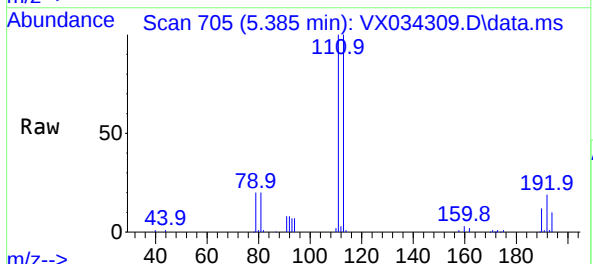
Tgt Ion:113 Resp: 149347

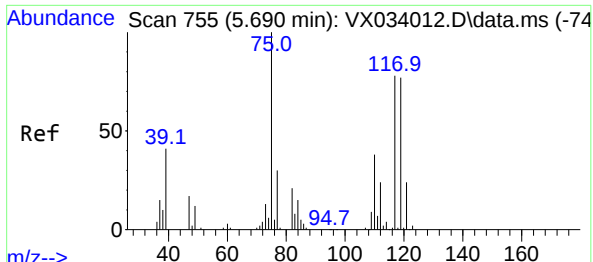
Ion Ratio Lower Upper

113 100

111 101.3 83.0 124.6

192 19.3 19.0 28.4

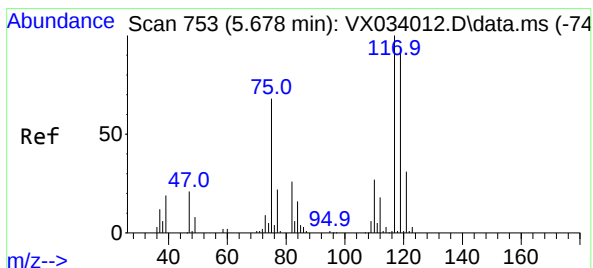
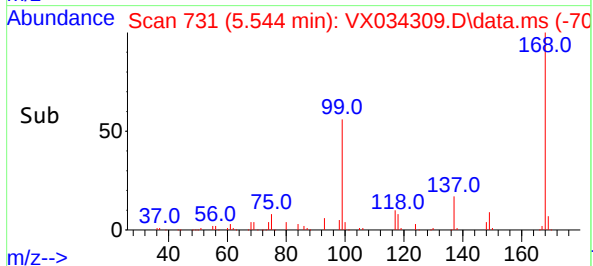
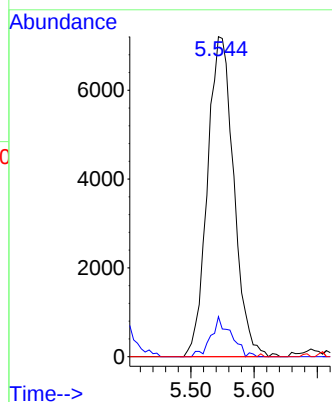
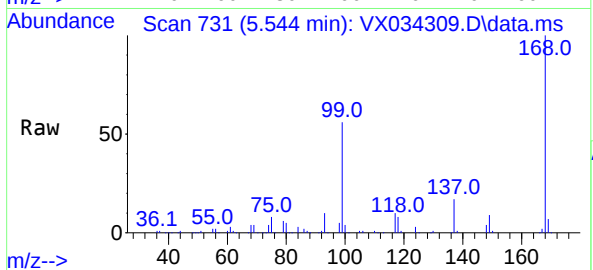




#36
1,1-Dichloropropene
Concen: 4.601 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX034309.D
Acq: 03 Mar 2023 09:50

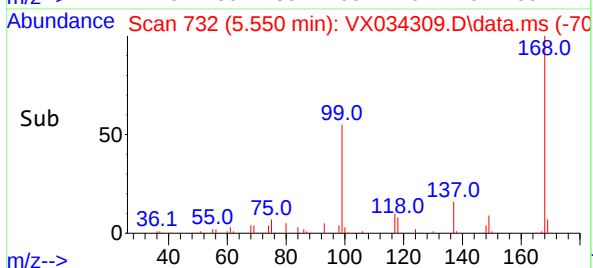
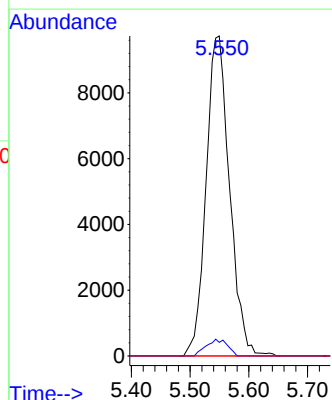
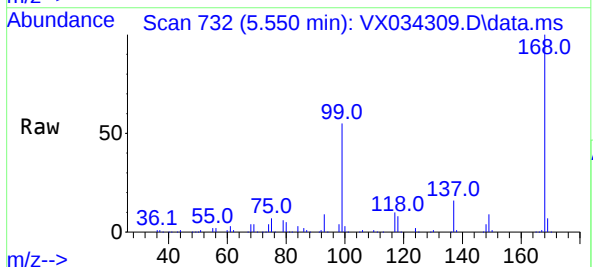
Instrument :
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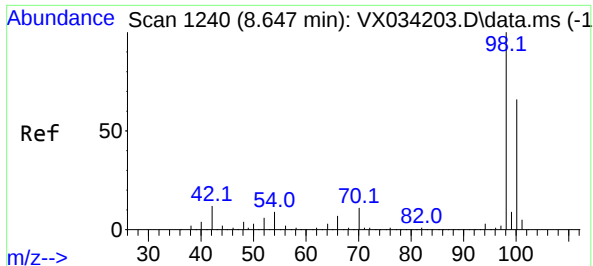
Tgt Ion: 75 Resp: 20841
Ion Ratio Lower Upper
75 100
110 9.6 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.792 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034309.D
Acq: 03 Mar 2023 09:50

Tgt Ion: 117 Resp: 26995
Ion Ratio Lower Upper
117 100
119 4.3 78.0 117.0#
121 0.0 24.4 36.6#

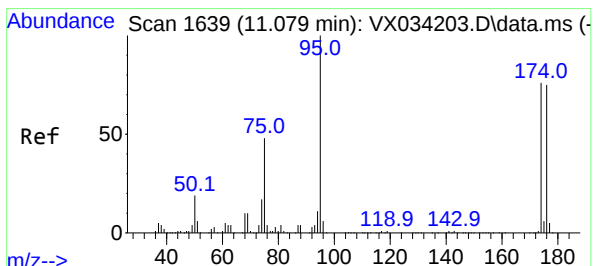
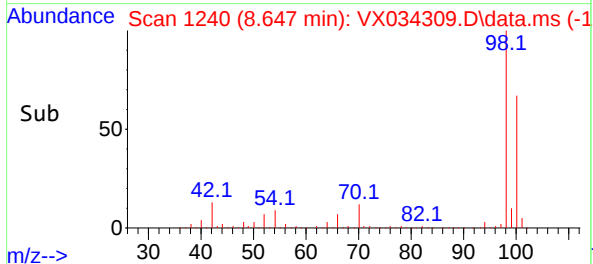
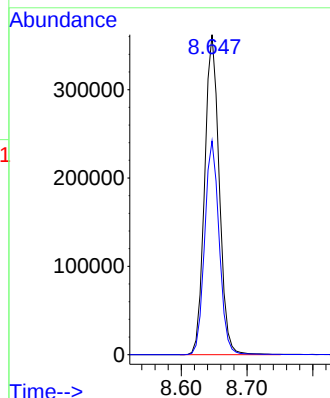
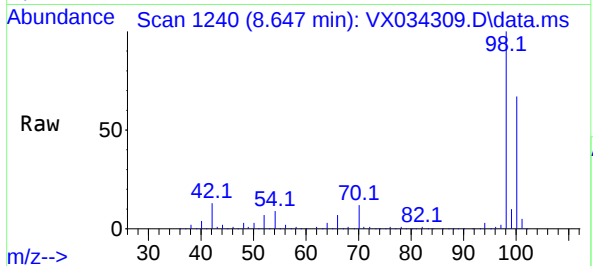




#50
Toluene-d8
Concen: 50.784 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034309.D
Acq: 03 Mar 2023 09:50

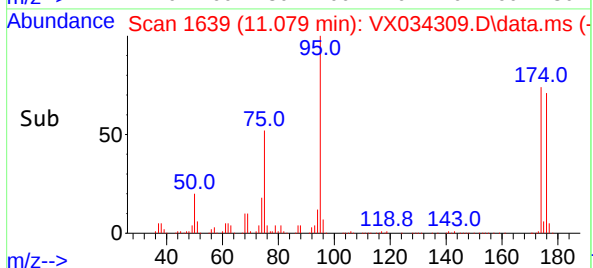
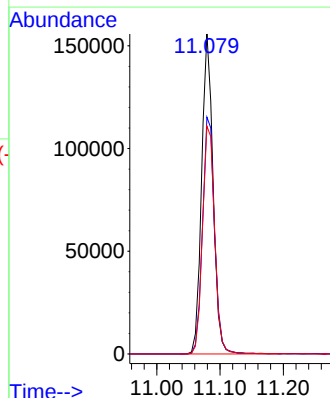
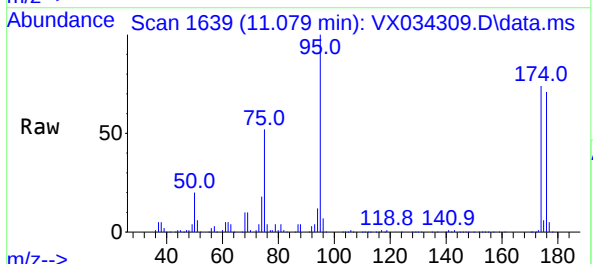
Instrument :
MSVOA_X
ClientSampleId :
VX0303MBL01

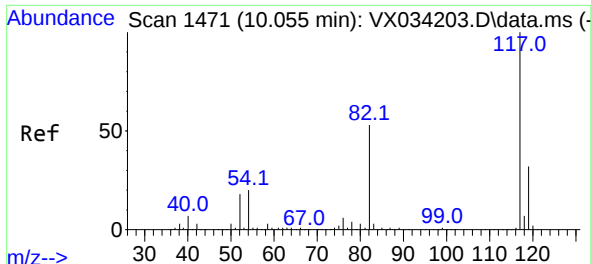
Tgt Ion: 98 Resp: 558406
Ion Ratio Lower Upper
98 100
100 66.6 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 46.731 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034309.D
Acq: 03 Mar 2023 09:50

Tgt Ion: 95 Resp: 196545
Ion Ratio Lower Upper
95 100
174 77.5 0.0 184.4
176 75.3 0.0 178.8

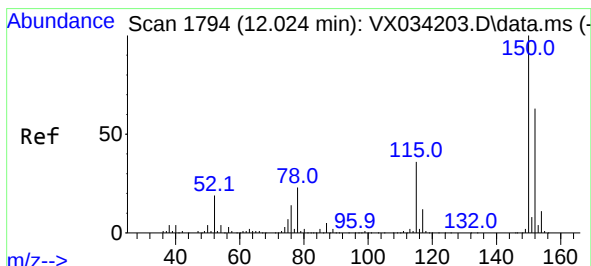
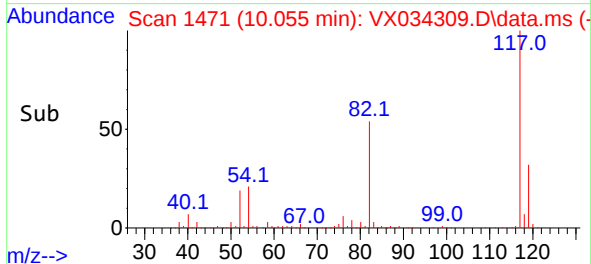
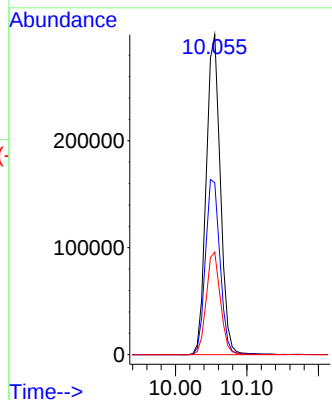
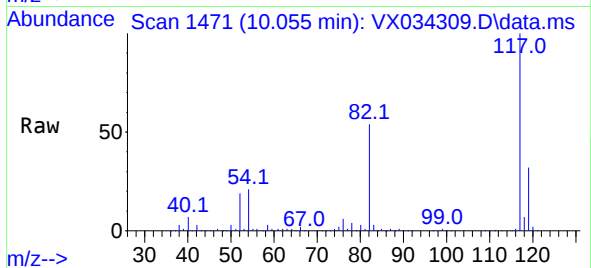




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034309.D
Acq: 03 Mar 2023 09:50

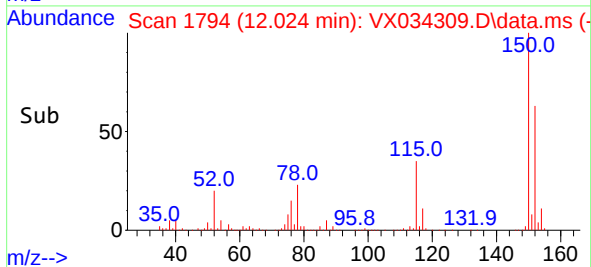
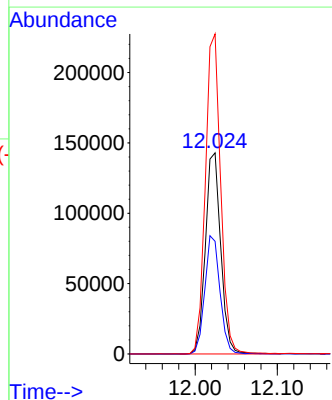
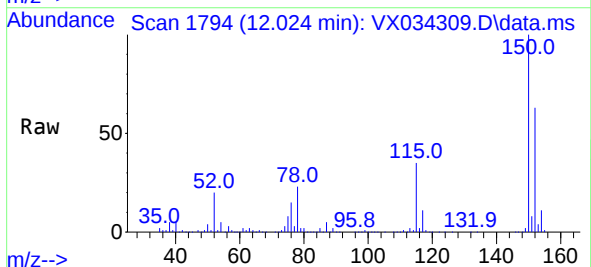
Instrument :
MSVOA_X
ClientSampleId :
VX0303MBL01

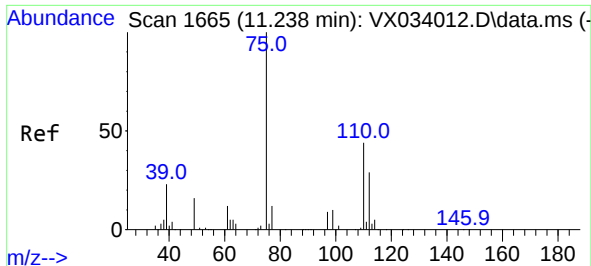
Tgt Ion:117 Resp: 411997
Ion Ratio Lower Upper
117 100
82 53.8 40.6 60.8
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034309.D
Acq: 03 Mar 2023 09:50

Tgt Ion:152 Resp: 185500
Ion Ratio Lower Upper
152 100
115 58.0 38.7 116.1
150 158.3 0.0 348.2

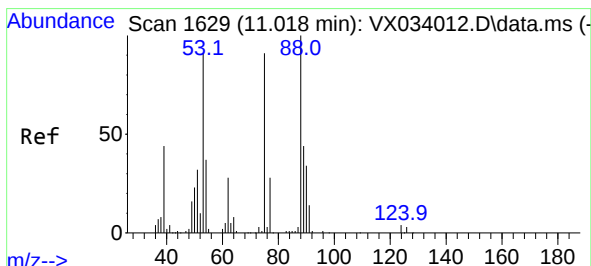
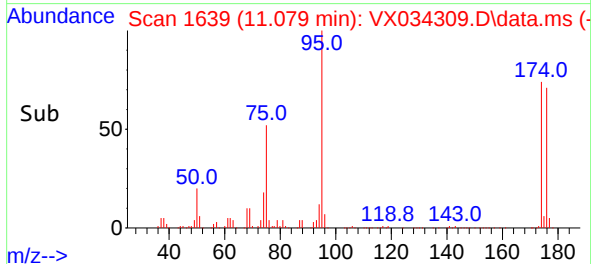
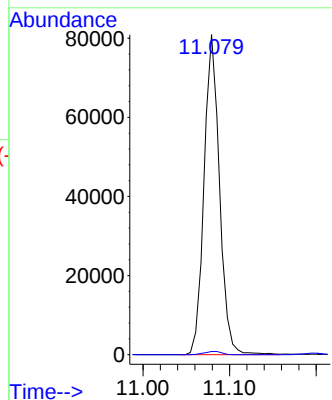
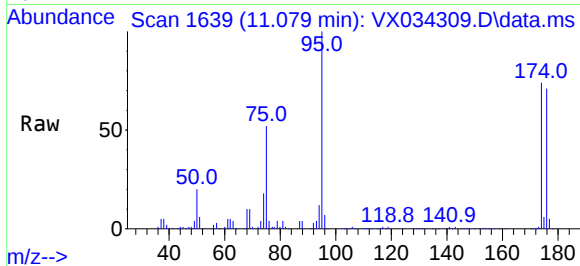




#76
1,2,3-Trichloropropane
Concen: 21.464 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034309.D
Acq: 03 Mar 2023 09:50

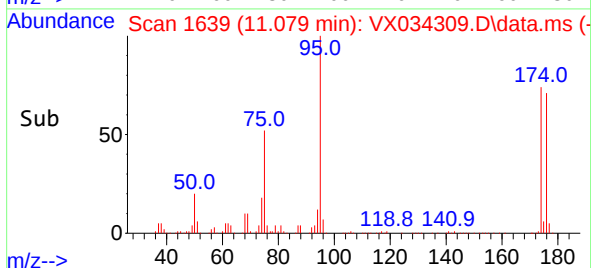
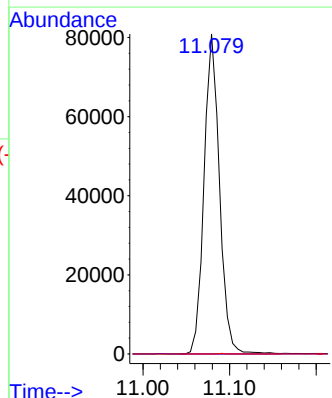
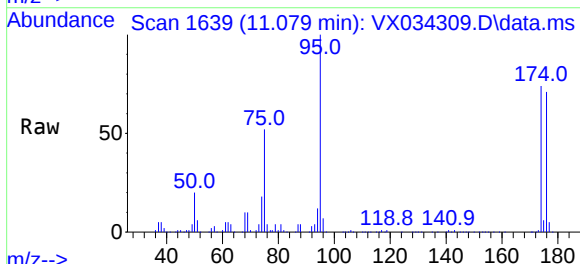
Instrument :
MSVOA_X
ClientSampleId :
VX0303MBL01

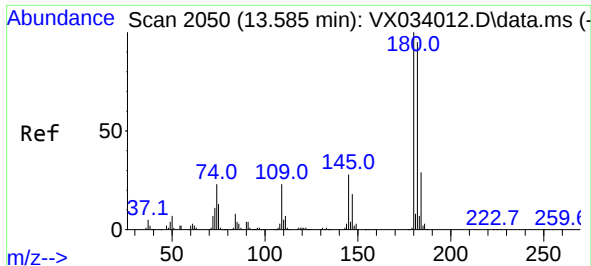
Tgt Ion: 75 Resp: 100186
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.138 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034309.D
Acq: 03 Mar 2023 09:50

Tgt Ion: 75 Resp: 100186
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.1 37.7 56.5#

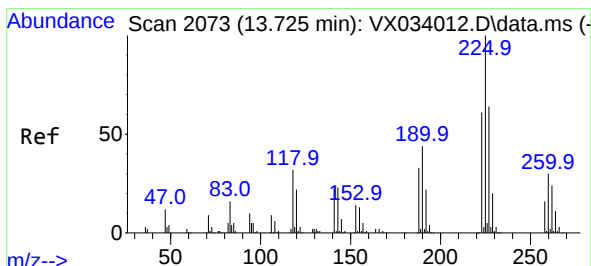
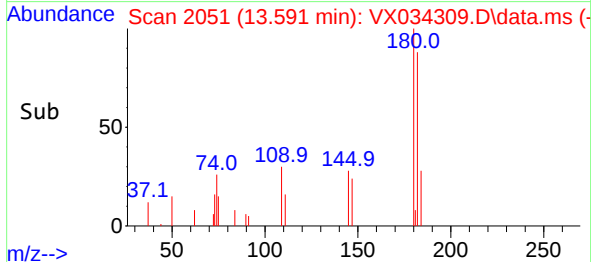
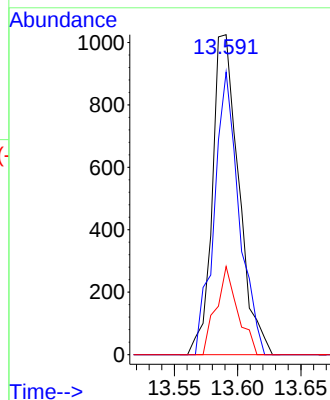
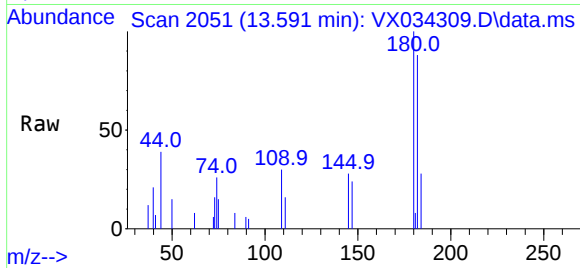




#93
1,2,4-Trichlorobenzene
Concen: 0.372 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX034309.D
Acq: 03 Mar 2023 09:50

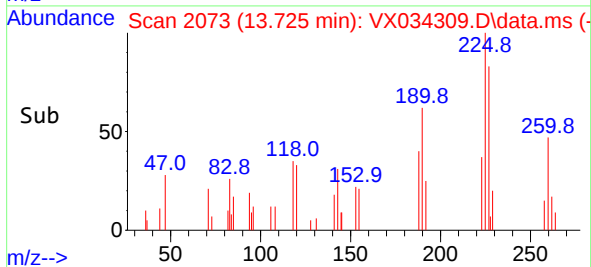
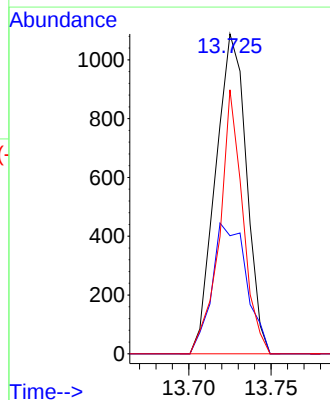
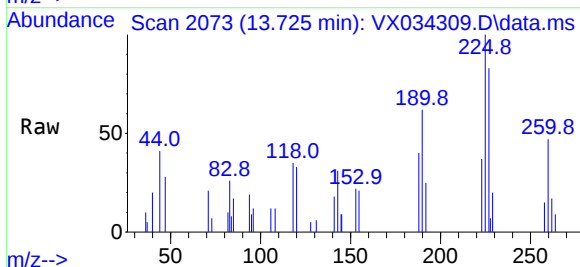
Instrument :
MSVOA_X
ClientSampleId :
VX0303MBL01

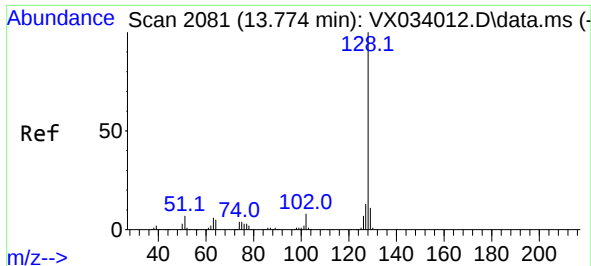
Tgt Ion:	180	Resp:	1490
Ion	Ratio	Lower	Upper
180	100		
182	83.1	47.9	143.6
145	22.3	14.1	42.2



#94
Hexachlorobutadiene
Concen: 0.853 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034309.D
Acq: 03 Mar 2023 09:50

Tgt Ion:	225	Resp:	1417
Ion	Ratio	Lower	Upper
225	100		
223	45.7	31.3	93.9
227	62.5	32.3	96.9

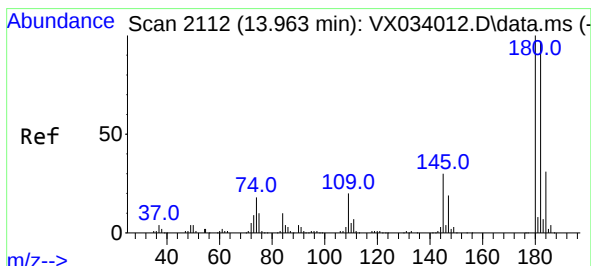
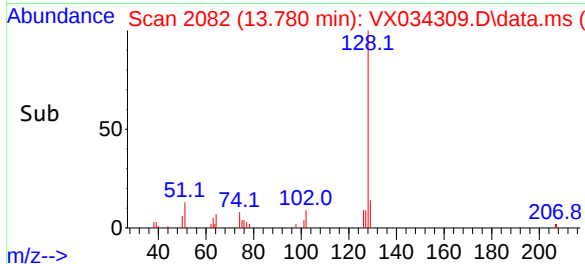
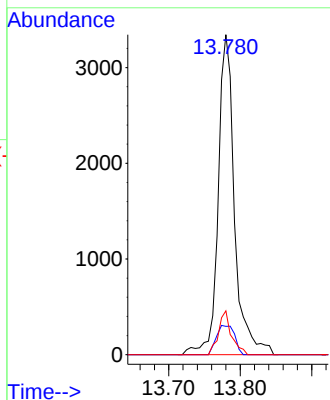
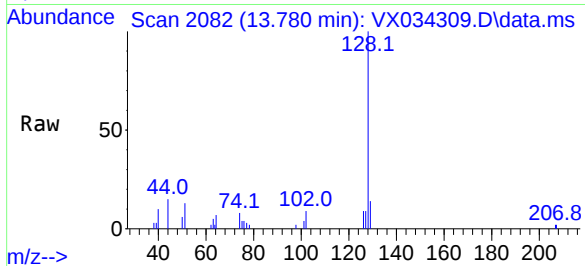




#95
Naphthalene
Concen: 0.394 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034309.D
Acq: 03 Mar 2023 09:50

Instrument :
MSVOA_X
ClientSampleId :
VX0303MBL01

Tgt Ion:128 Resp: 5320
Ion Ratio Lower Upper
128 100
127 10.1 10.3 15.5#
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.393 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034309.D
Acq: 03 Mar 2023 09:50

Tgt Ion:180 Resp: 1563
Ion Ratio Lower Upper
180 100
182 94.2 47.6 142.9
145 35.8 15.1 45.3

