

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030323\
 Data File : VX034310.D
 Acq On : 03 Mar 2023 10:14
 Operator : JC/MD
 Sample : VX0303WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 03 15:07:13 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)

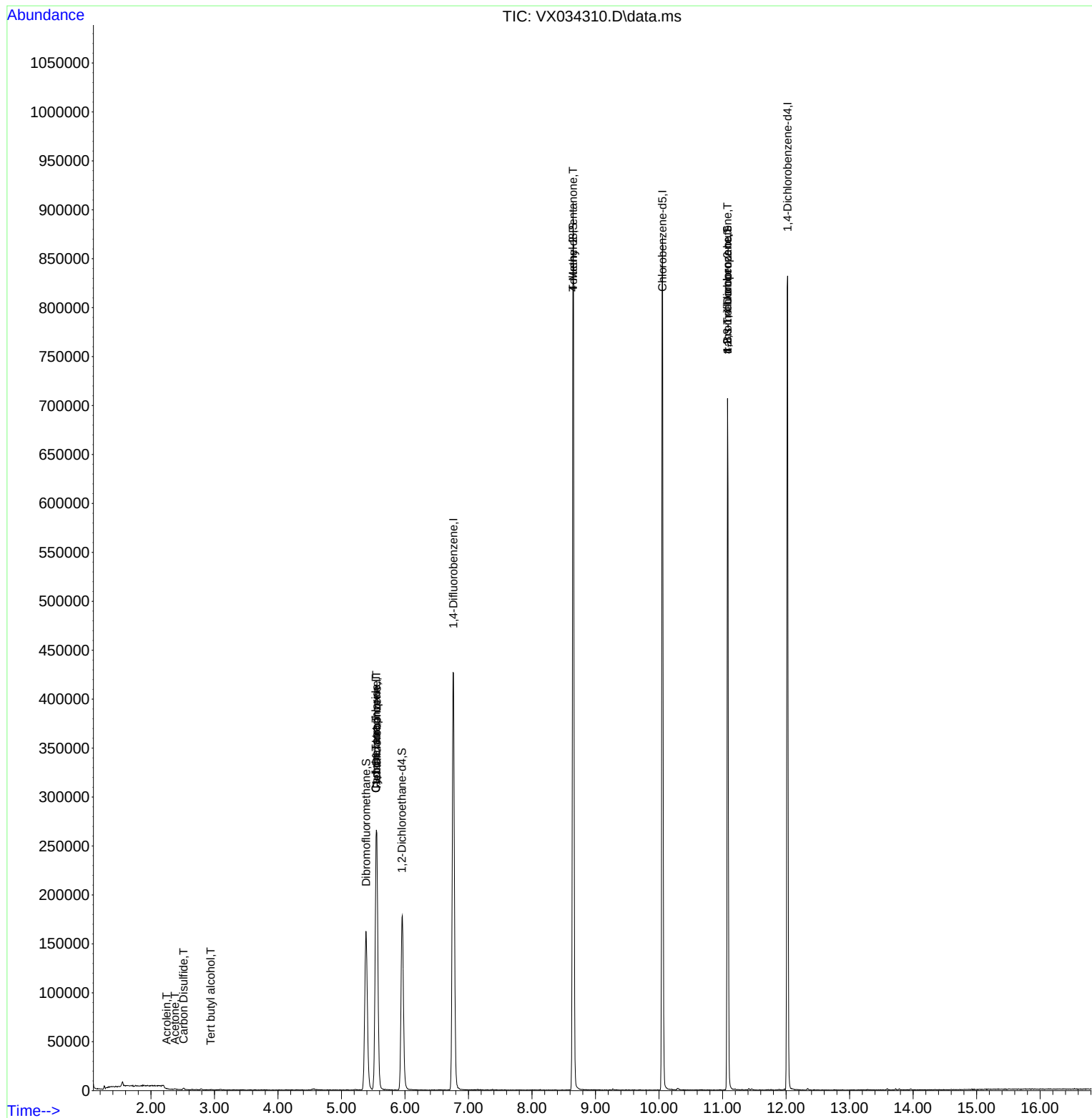
Internal Standards						
1) Pentafluorobenzene	5.556	168	273823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	454015	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	402324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	164034	44.481	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.960%
35) Dibromofluoromethane	5.385	113	141246	47.782	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.560%
50) Toluene-d8	8.647	98	539239	50.808	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.620%
62) 4-Bromofluorobenzene	11.079	95	184794	45.520	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.040%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	432	Below Cal		92
11) Tert butyl alcohol	2.940	59	232	0.281	ug/l #	86
13) Acrolein	2.245	56	277	0.736	ug/l #	14
16) Acetone	2.379	43	1214	0.638	ug/l #	64
17) Carbon Disulfide	2.514	76	1743	0.205	ug/l	99
31) Cyclohexane	5.544	56	5693	1.034	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	20197	4.620	ug/l #	49
38) Carbon Tetrachloride	5.544	117	25487	5.666	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2701	0.569	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	91500	20.201	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	91500	51.895	ug/l #	8

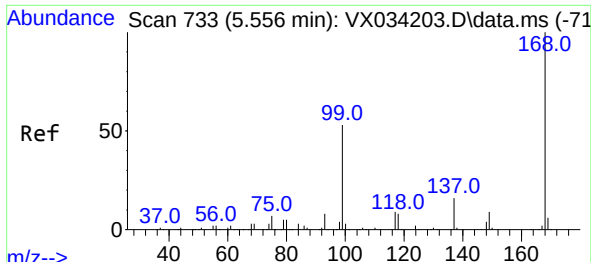
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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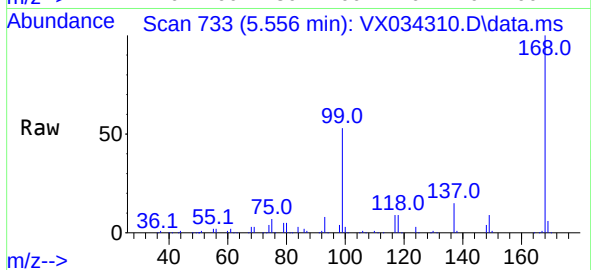
Quant Time: Mar 03 15:07:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration



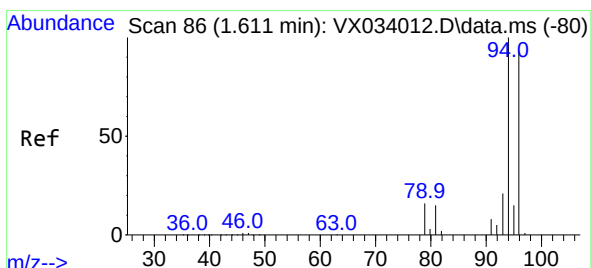
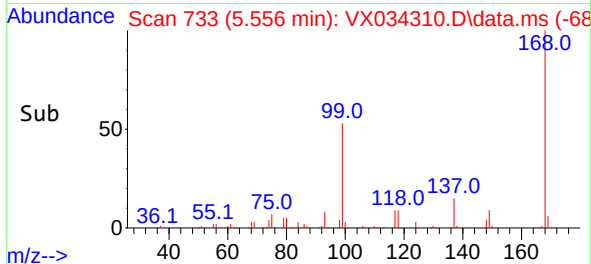
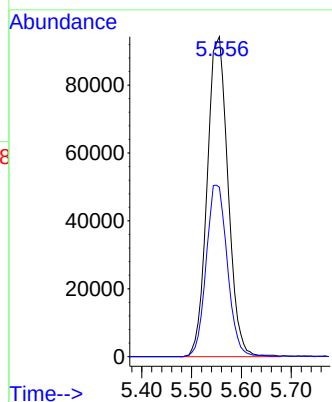


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034310.D
Acq: 03 Mar 2023 10:14

Instrument :
MSVOA_X
ClientSampleId :

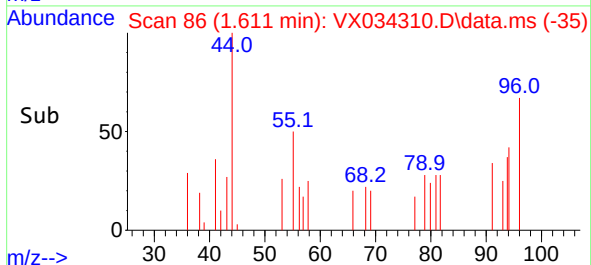
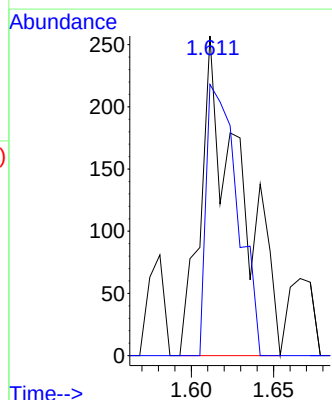
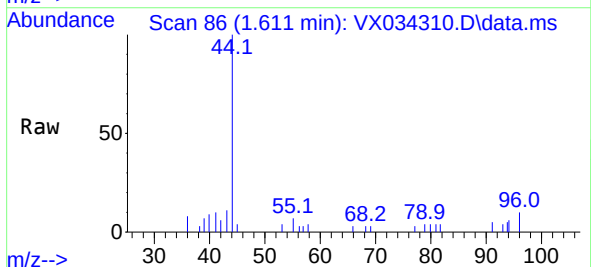


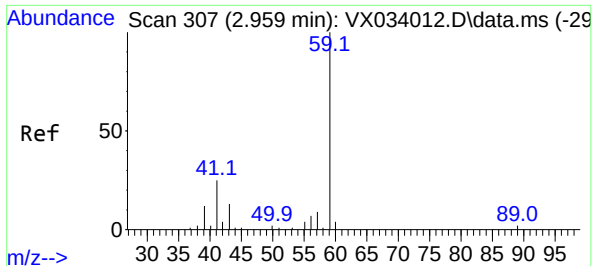
Tgt Ion:168 Resp: 273823
Ion Ratio Lower Upper
168 100
99 53.0 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX034310.D
Acq: 03 Mar 2023 10:14

Tgt Ion: 94 Resp: 432
Ion Ratio Lower Upper
94 100
96 84.8 74.3 111.5





#11

Tert butyl alcohol

Concen: 0.281 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.012 min

Lab File: VX034310.D

Acq: 03 Mar 2023 10:14

Instrument :

MSVOA_X

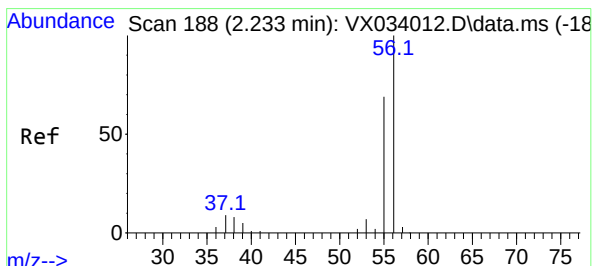
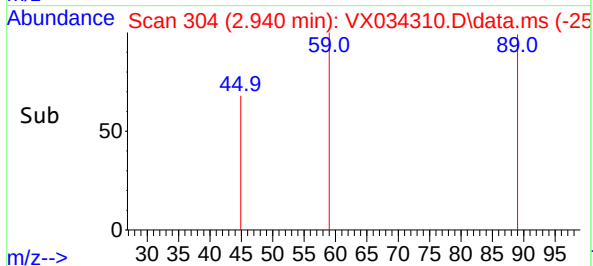
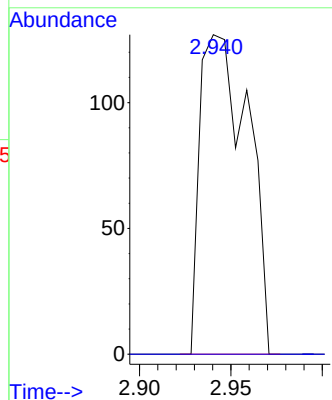
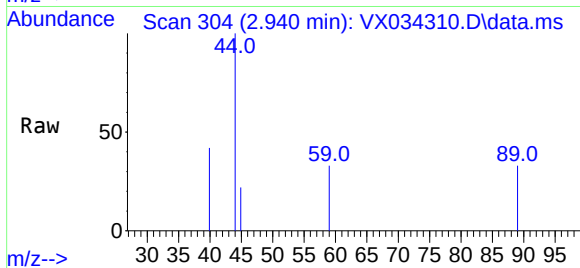
ClientSampleId :

Tgt Ion: 59 Resp: 232

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#13

Acrolein

Concen: 0.736 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.012 min

Lab File: VX034310.D

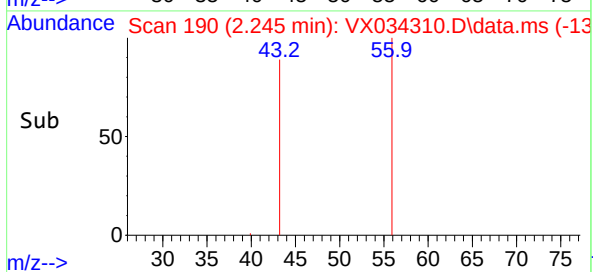
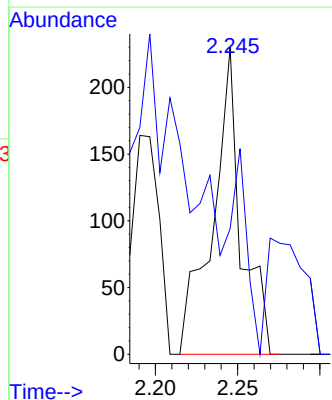
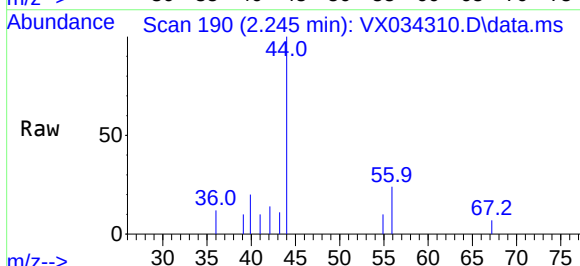
Acq: 03 Mar 2023 10:14

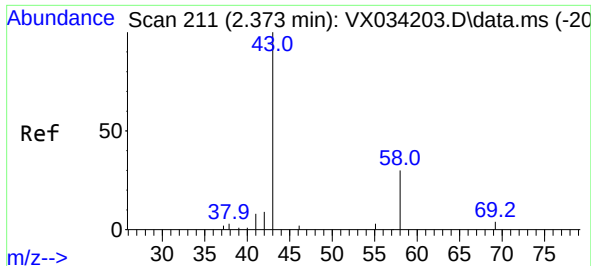
Tgt Ion: 56 Resp: 277

Ion Ratio Lower Upper

56 100

55 0.0 56.3 84.5#

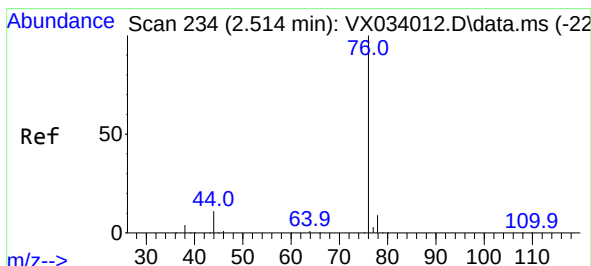
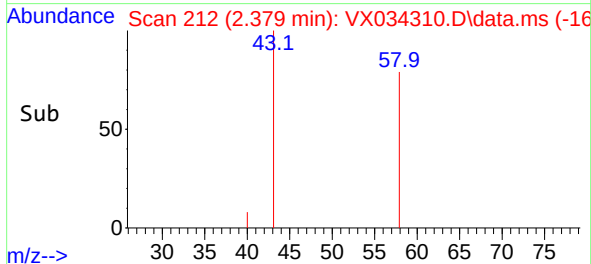
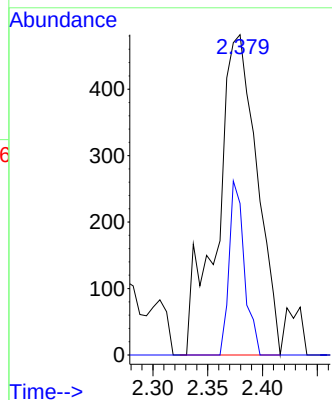
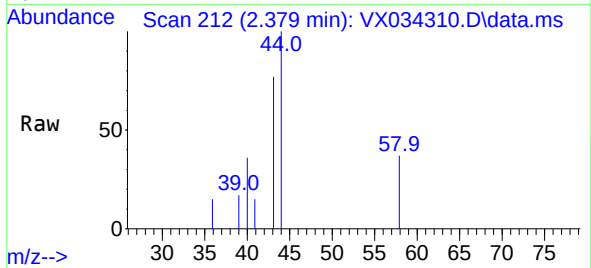




#16
Acetone
Concen: 0.638 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034310.D
Acq: 03 Mar 2023 10:14

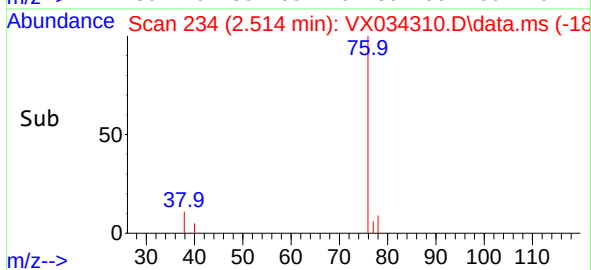
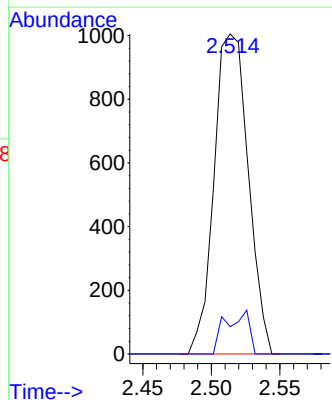
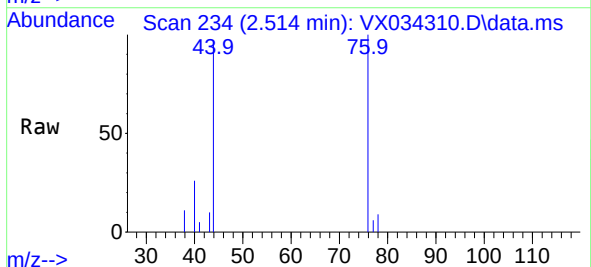
Instrument :
MSVOA_X
ClientSampleId :

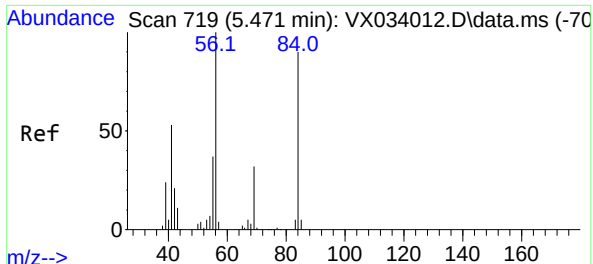
Tgt Ion: 43 Resp: 1214
Ion Ratio Lower Upper
43 100
58 47.3 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.205 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX034310.D
Acq: 03 Mar 2023 10:14

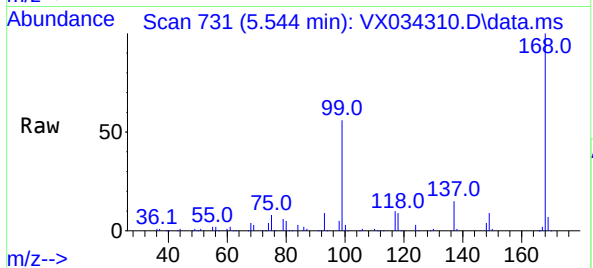
Tgt Ion: 76 Resp: 1743
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



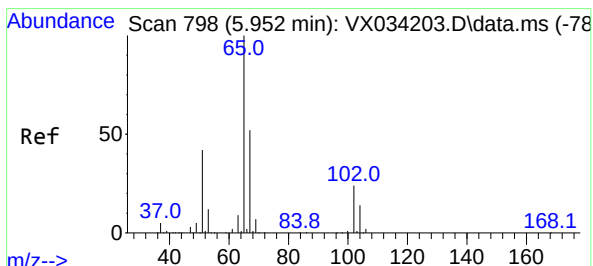
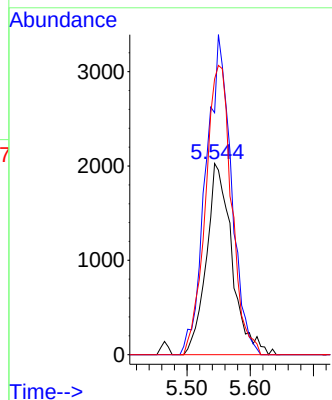
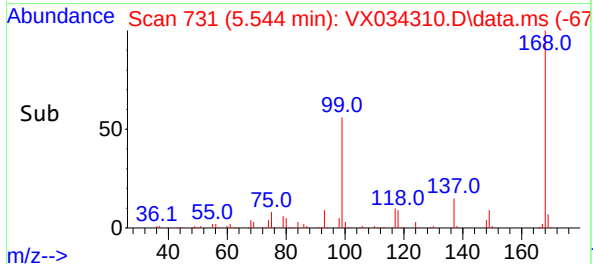


#31
Cyclohexane
Concen: 1.034 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX034310.D
Acq: 03 Mar 2023 10:14

Instrument :
MSVOA_X
ClientSampleId :

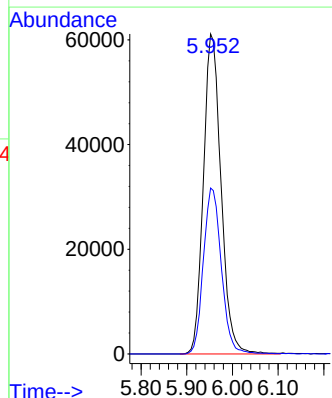
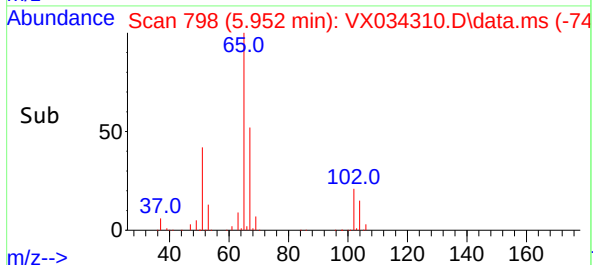
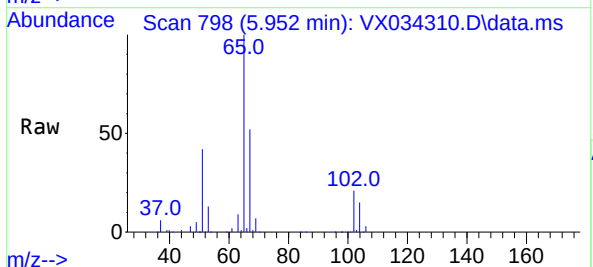


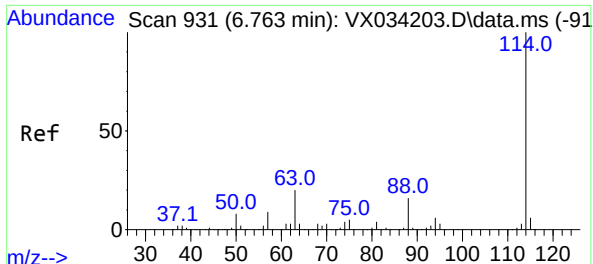
Tgt Ion: 56 Resp: 5693
Ion Ratio Lower Upper
56 100
69 126.6 24.6 37.0#
84 144.2 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 44.481 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034310.D
Acq: 03 Mar 2023 10:14

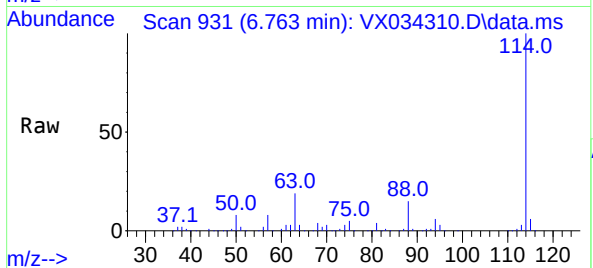
Tgt Ion: 65 Resp: 164034
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8



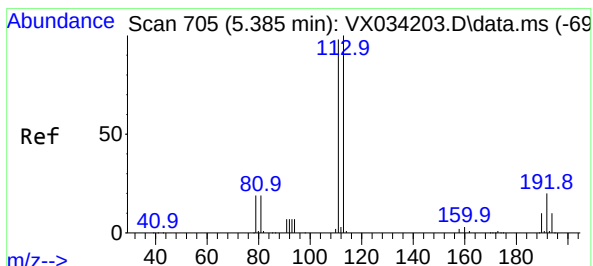
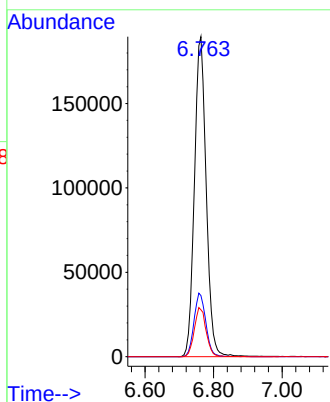
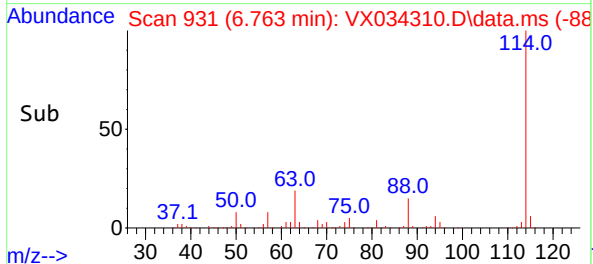


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034310.D
Acq: 03 Mar 2023 10:14

Instrument :
MSVOA_X
ClientSampleId :

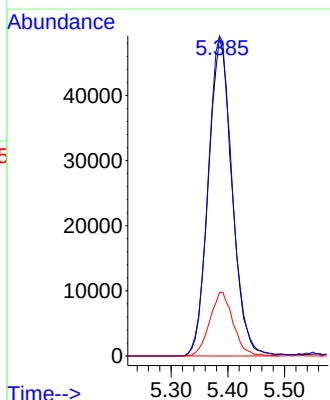
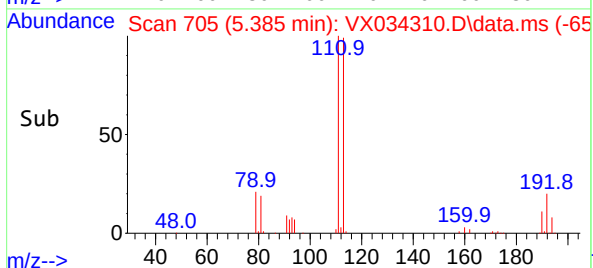
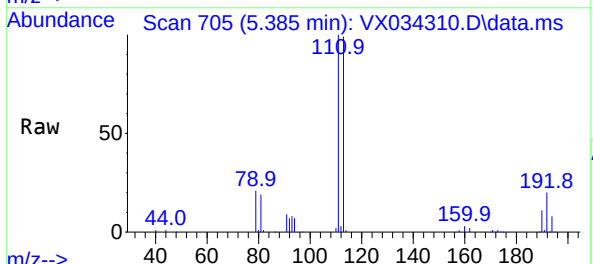


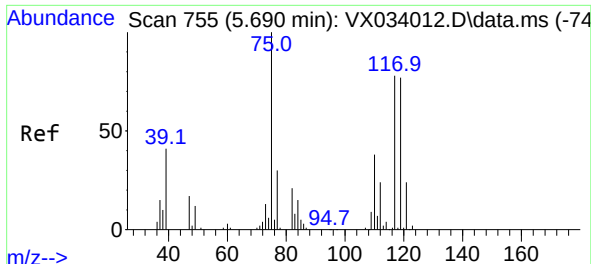
Tgt Ion:114 Resp: 454015
Ion Ratio Lower Upper
114 100
63 19.1 0.0 37.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.782 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034310.D
Acq: 03 Mar 2023 10:14

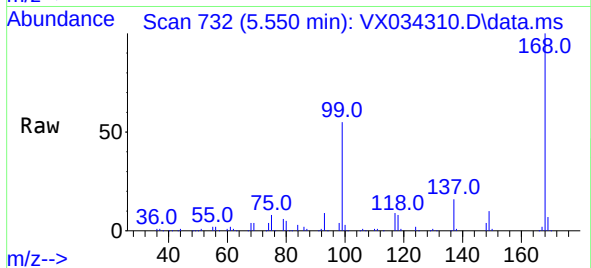
Tgt Ion:113 Resp: 141246
Ion Ratio Lower Upper
113 100
111 102.7 83.0 124.6
192 19.9 19.0 28.4



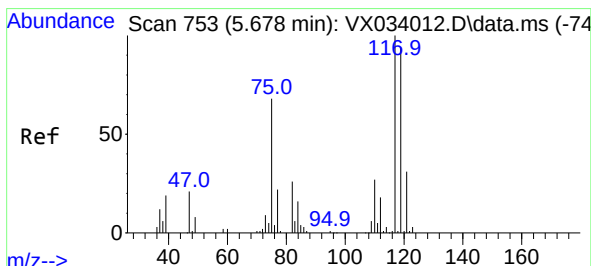
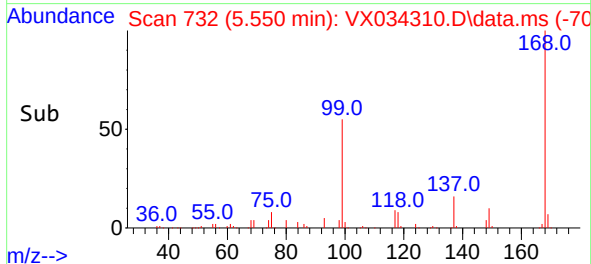
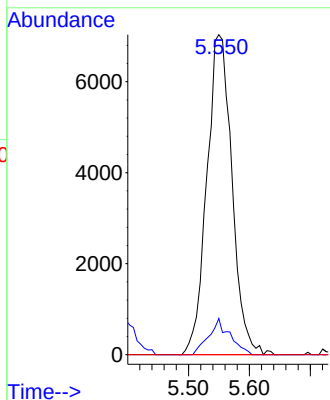


#36
1,1-Dichloropropene
Concen: 4.620 ug/l
RT: 5.550 min Scan# 710
Delta R.T. -0.140 min
Lab File: VX034310.D
Acq: 03 Mar 2023 10:14

Instrument :
MSVOA_X
ClientSampleId :

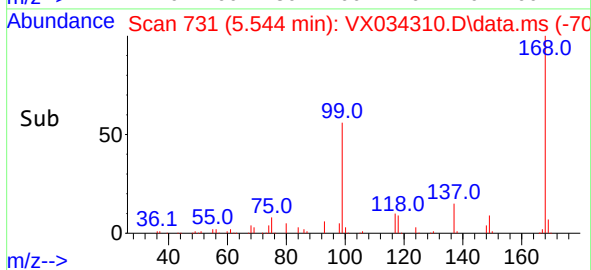
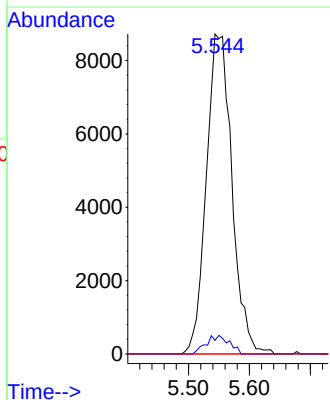
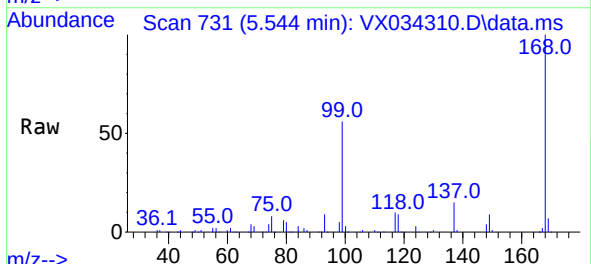


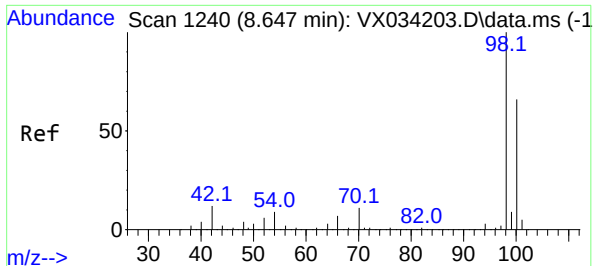
Tgt Ion: 75 Resp: 20197
Ion Ratio Lower Upper
75 100
110 9.5 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.666 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX034310.D
Acq: 03 Mar 2023 10:14

Tgt Ion: 117 Resp: 25487
Ion Ratio Lower Upper
117 100
119 4.2 78.0 117.0#
121 0.0 24.4 36.6#

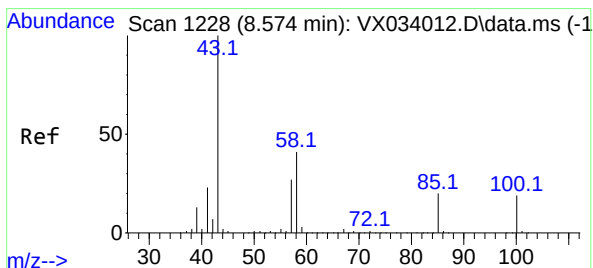
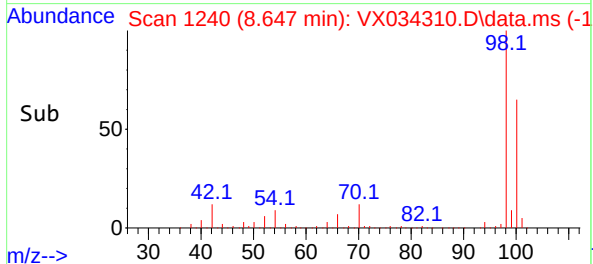
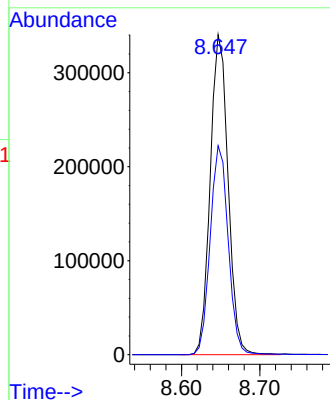
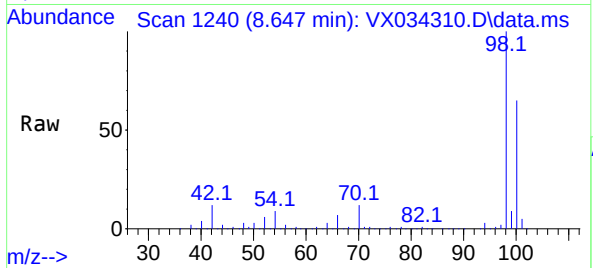




#50
Toluene-d8
Concen: 50.808 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034310.D
Acq: 03 Mar 2023 10:14

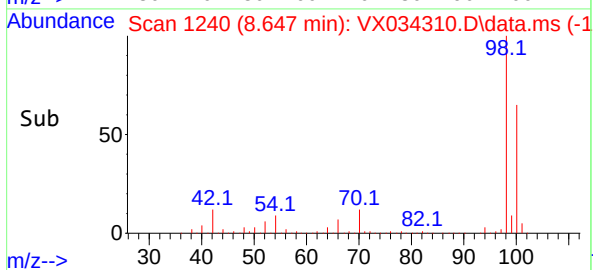
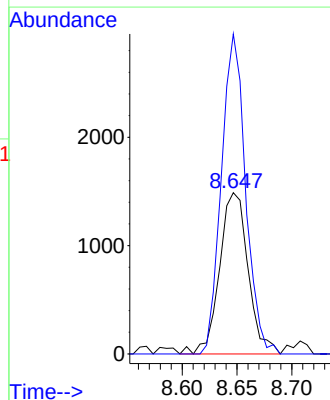
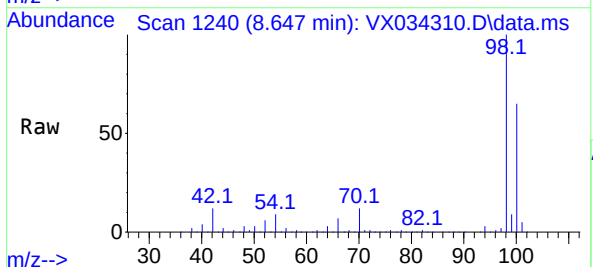
Instrument :
MSVOA_X
ClientSampleId :

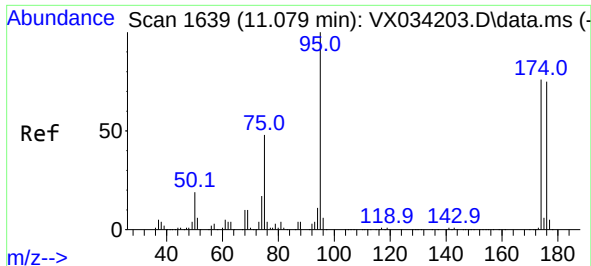
Tgt Ion: 98 Resp: 539239
Ion Ratio Lower Upper
98 100
100 66.0 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.569 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VX034310.D
Acq: 03 Mar 2023 10:14

Tgt Ion: 43 Resp: 2701
Ion Ratio Lower Upper
43 100
58 167.9 31.2 46.8#

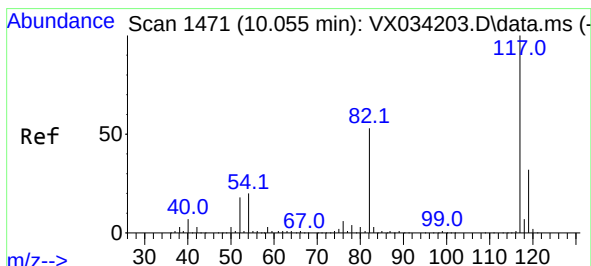
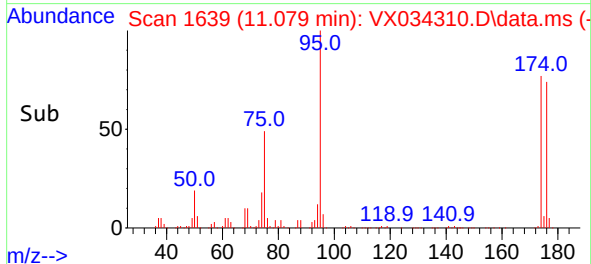
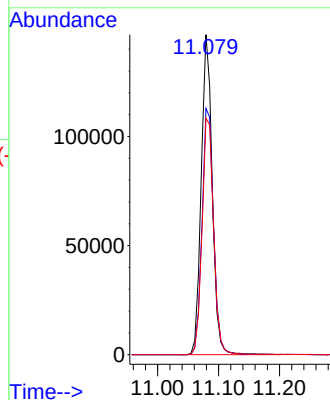
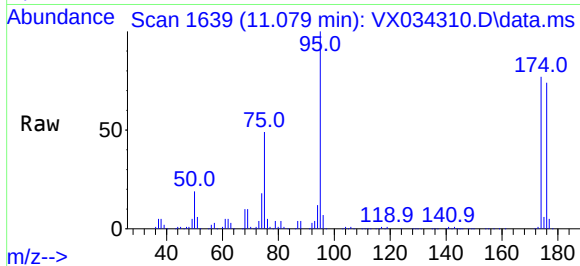




#62
4-Bromofluorobenzene
Concen: 45.520 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034310.D
Acq: 03 Mar 2023 10:14

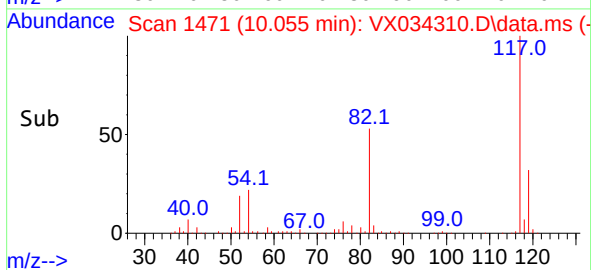
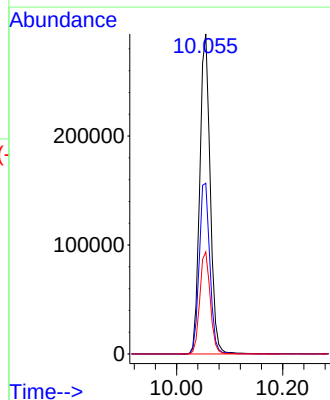
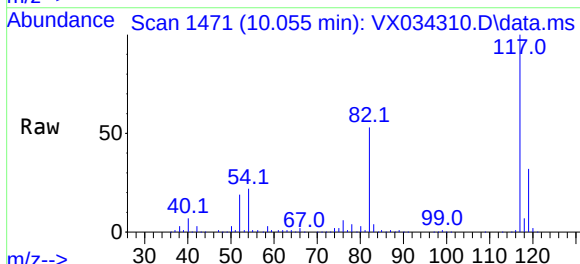
Instrument :
MSVOA_X
ClientSampleId :

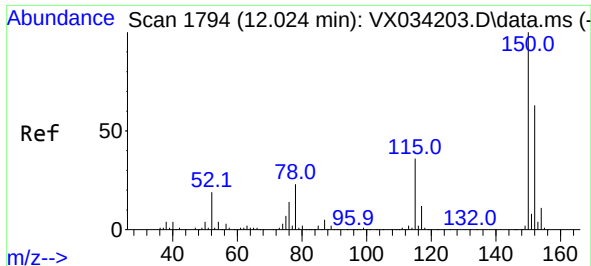
Tgt Ion: 95 Resp: 184794
Ion Ratio Lower Upper
95 100
174 80.5 0.0 184.4
176 77.6 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034310.D
Acq: 03 Mar 2023 10:14

Tgt Ion: 117 Resp: 402324
Ion Ratio Lower Upper
117 100
82 53.3 40.6 60.8
119 31.9 25.6 38.4

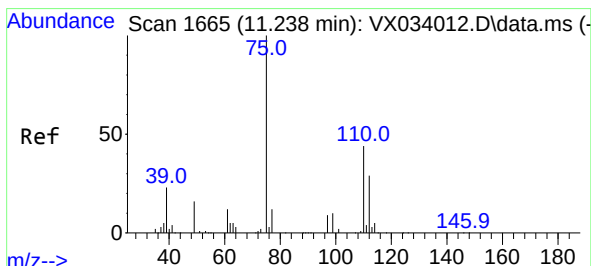
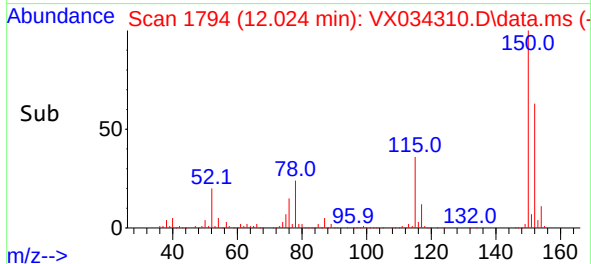
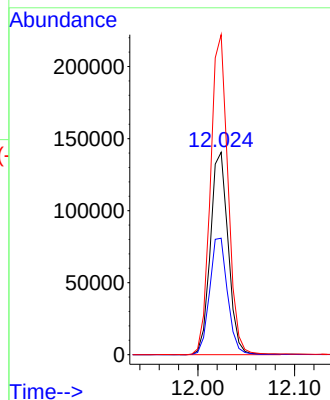
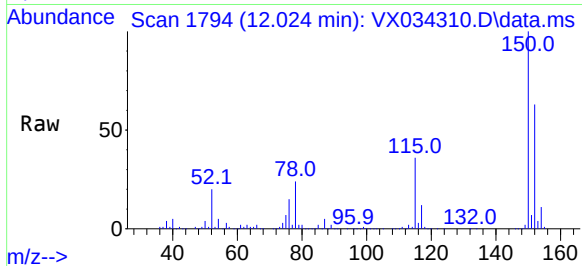




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034310.D
Acq: 03 Mar 2023 10:14

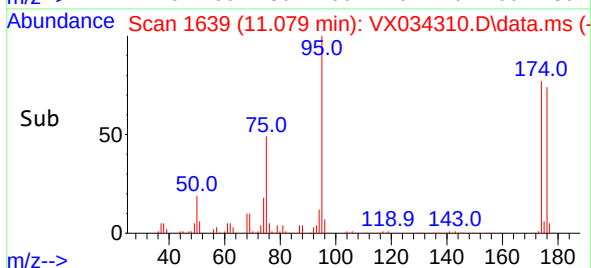
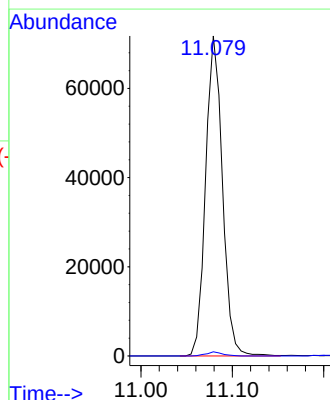
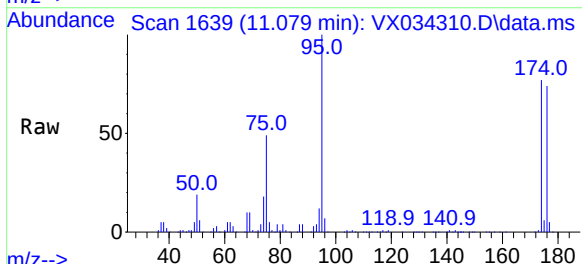
Instrument :
MSVOA_X
ClientSampleId :

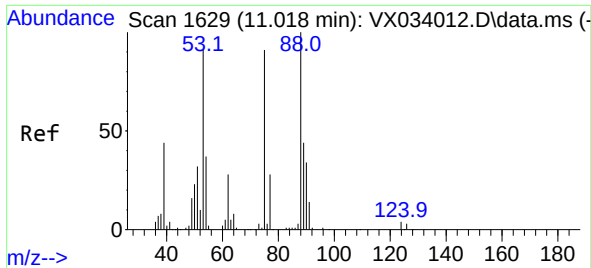
Tgt Ion:152 Resp: 180007
Ion Ratio Lower Upper
152 100
115 58.2 38.7 116.1
150 156.1 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 20.201 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034310.D
Acq: 03 Mar 2023 10:14

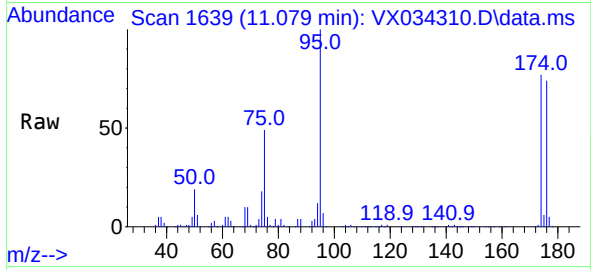
Tgt Ion: 75 Resp: 91500
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.895 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034310.D
 Acq: 03 Mar 2023 10:14

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 91500
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

