

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035932.D
 Acq On : 31 May 2023 13:34
 Operator : JC/MD
 Sample : VX0531WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBL01

Quant Time: May 31 17:08:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	246408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	406070	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	355757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	163592	40.885	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.760%
35) Dibromofluoromethane	5.385	113	121621	44.530	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.060%
50) Toluene-d8	8.646	98	469122	47.859	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.720%
62) 4-Bromofluorobenzene	11.079	95	183086	47.316	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.640%

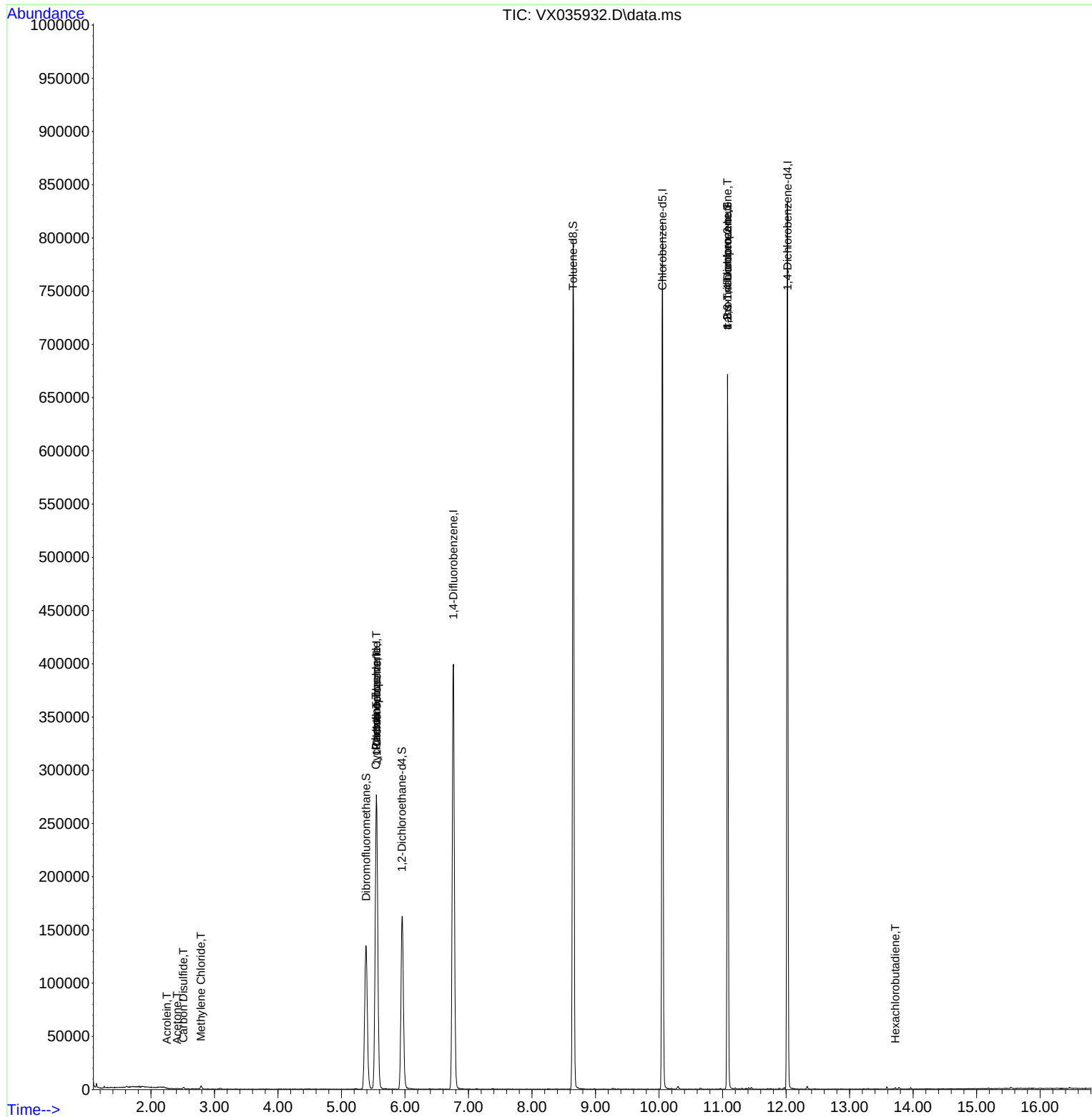
Target Compounds					Qvalue	
13) Acrolein	2.251	56	285	0.416	ug/l	97
16) Acetone	2.410	43	706	0.428	ug/l #	86
17) Carbon Disulfide	2.507	76	1929	0.311	ug/l	97
20) Methylene Chloride	2.788	84	1385	0.436	ug/l #	79
31) Cyclohexane	5.543	56	5743	1.371	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	20319	5.580	ug/l #	52
38) Carbon Tetrachloride	5.549	117	27720	7.811	ug/l #	18
76) 1,2,3-Trichloropropane	11.079	75	95367	24.381	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	95367	82.123	ug/l #	3
94) Hexachlorobutadiene	13.719	225	276	0.219	ug/l	79

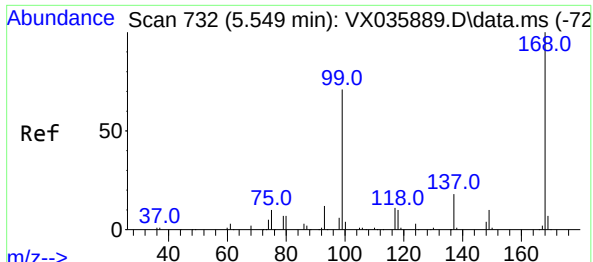
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX035932.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBL01

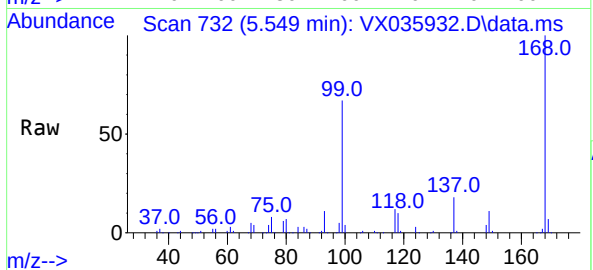
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration



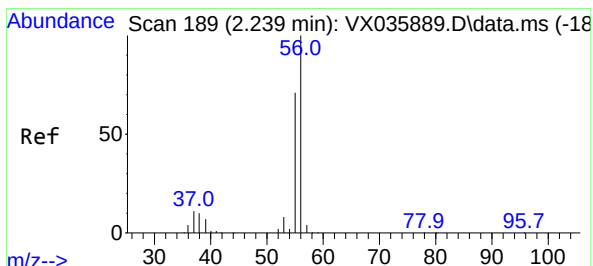
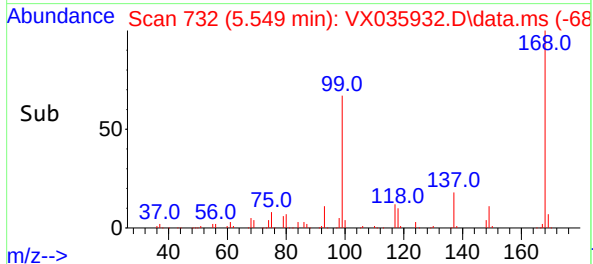
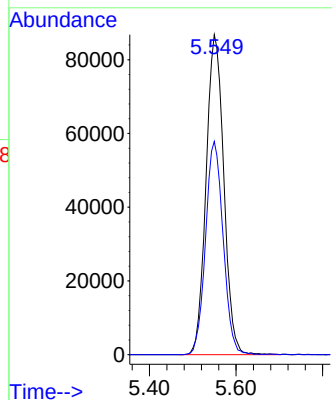


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX035932.D
Acq: 31 May 2023 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBL01

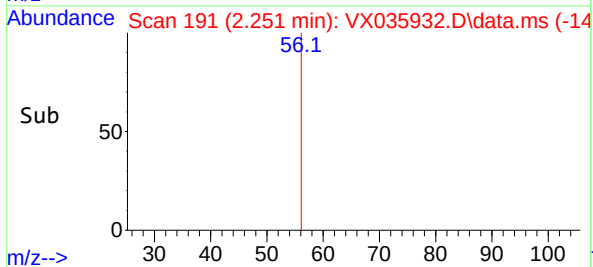
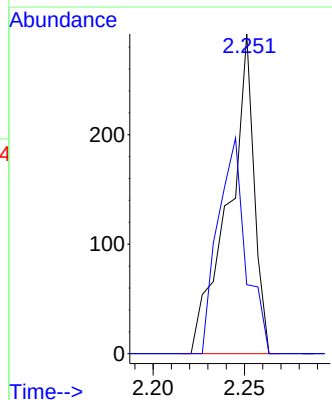
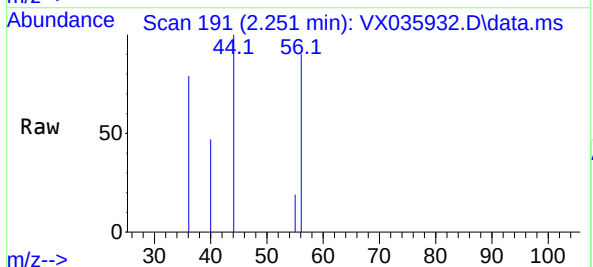


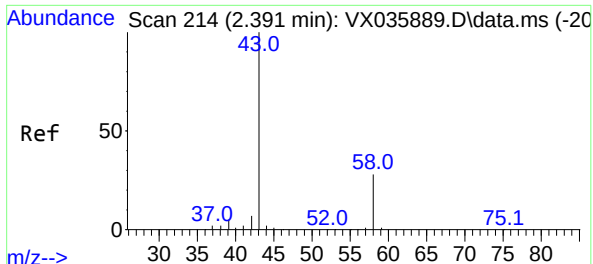
Tgt Ion:168 Resp: 246408
Ion Ratio Lower Upper
168 100
99 66.6 57.0 85.6



#13
Acrolein
Concen: 0.416 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX035932.D
Acq: 31 May 2023 13:34

Tgt Ion: 56 Resp: 285
Ion Ratio Lower Upper
56 100
55 73.7 57.3 85.9

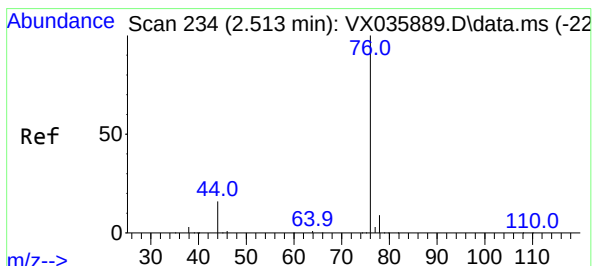
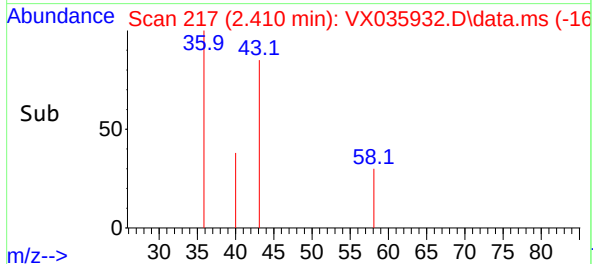
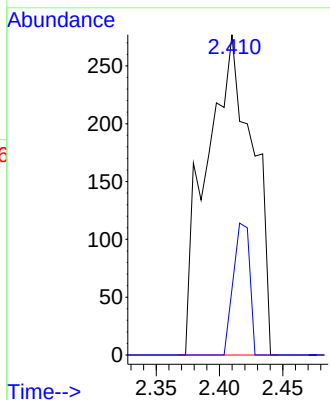
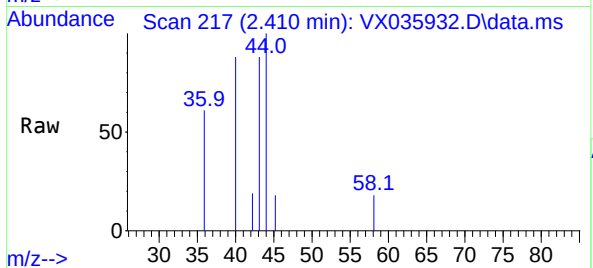




#16
Acetone
Concen: 0.428 ug/l
RT: 2.410 min Scan# 214
Delta R.T. 0.019 min
Lab File: VX035932.D
Acq: 31 May 2023 13:34

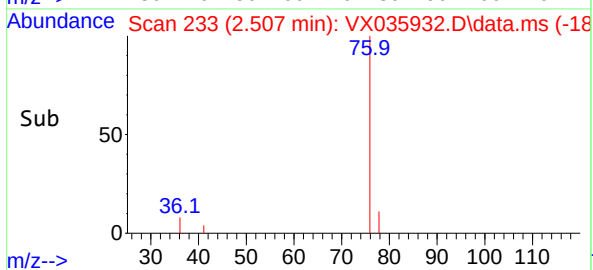
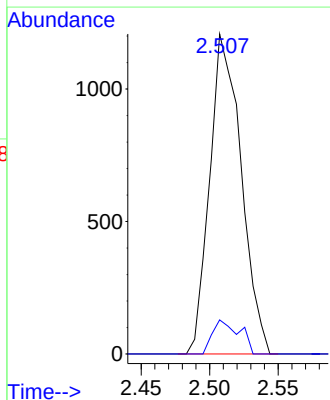
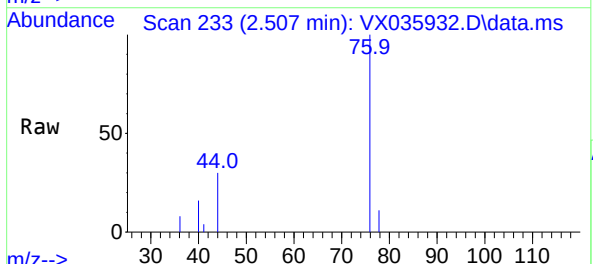
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBL01

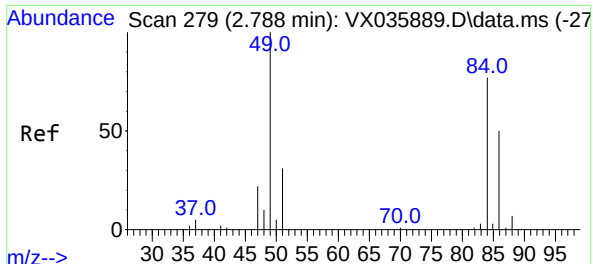
Tgt Ion: 43 Resp: 706
Ion Ratio Lower Upper
43 100
58 20.6 22.2 33.2#



#17
Carbon Disulfide
Concen: 0.311 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX035932.D
Acq: 31 May 2023 13:34

Tgt Ion: 76 Resp: 1929
Ion Ratio Lower Upper
76 100
78 10.7 7.6 11.4

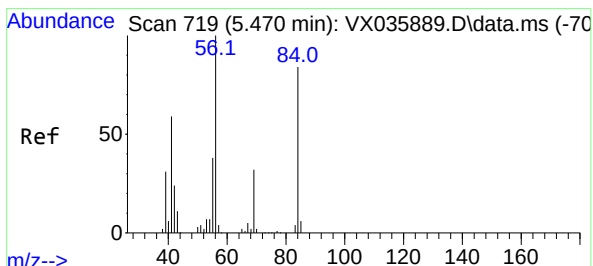
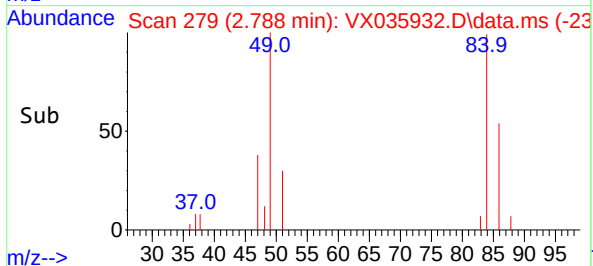
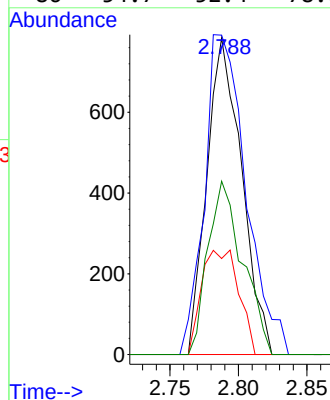
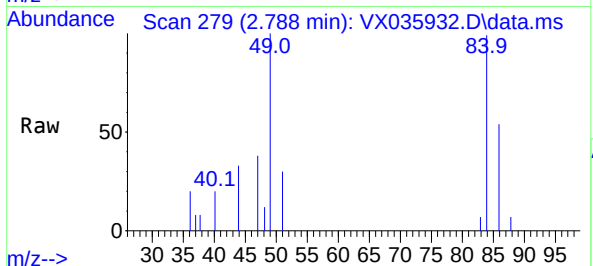




#20
Methylene Chloride
Concen: 0.436 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035932.D
Acq: 31 May 2023 13:34

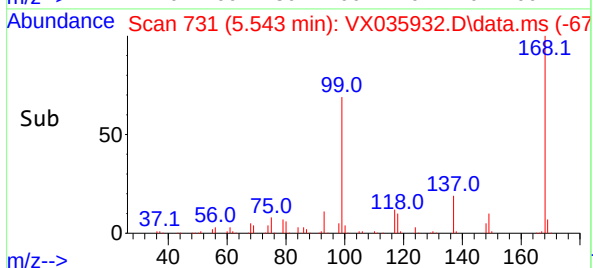
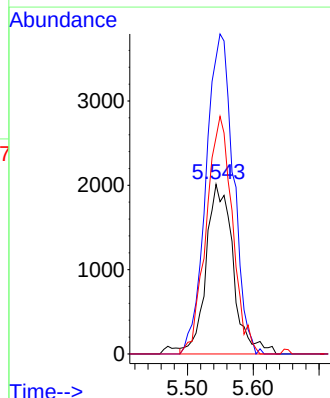
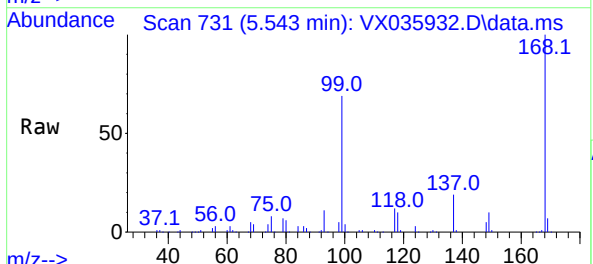
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBL01

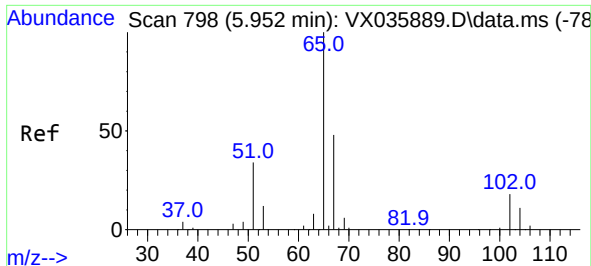
Tgt Ion:	84	Resp:	1385
Ion	Ratio	Lower	Upper
84	100		
49	100.9	104.6	156.8#
51	30.4	32.2	48.4#
86	54.7	52.4	78.6



#31
Cyclohexane
Concen: 1.371 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX035932.D
Acq: 31 May 2023 13:34

Tgt Ion:	56	Resp:	5743
Ion	Ratio	Lower	Upper
56	100		
69	174.5	25.9	38.9#
84	127.6	67.6	101.4#

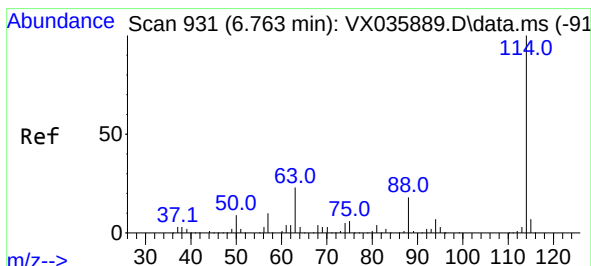
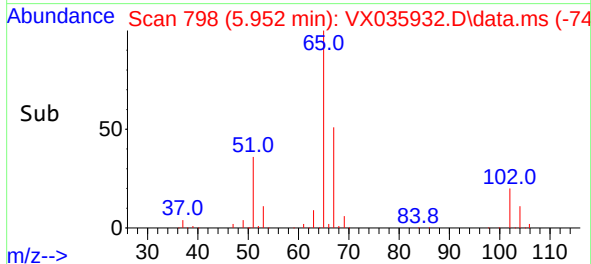
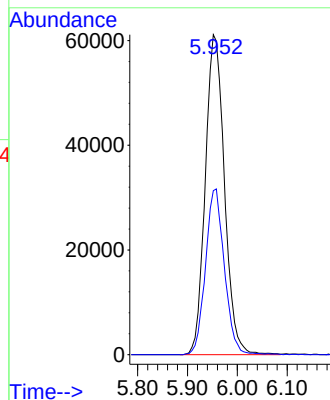
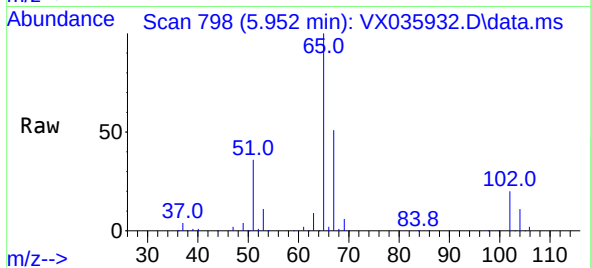




#33
 1,2-Dichloroethane-d4
 Concen: 40.885 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX035932.D
 Acq: 31 May 2023 13:34

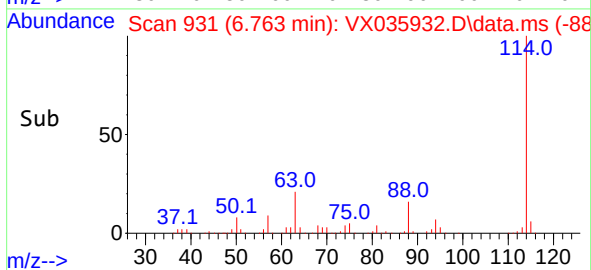
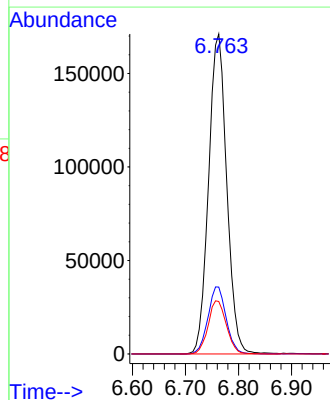
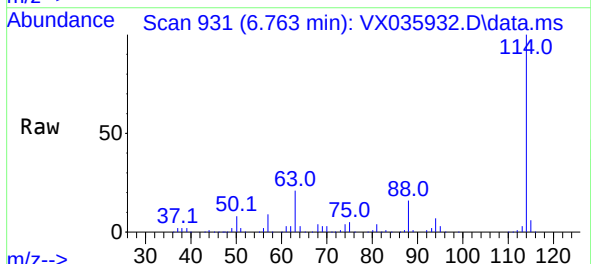
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBL01

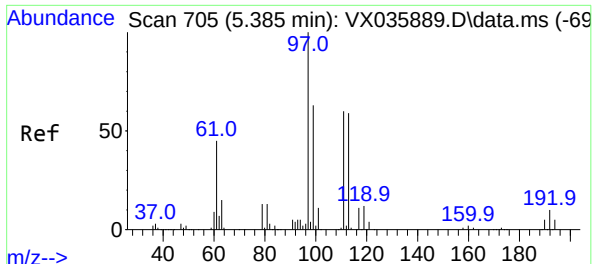
Tgt Ion: 65 Resp: 163592
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX035932.D
 Acq: 31 May 2023 13:34

Tgt Ion: 114 Resp: 406070
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 46.0
 88 16.4 0.0 35.2



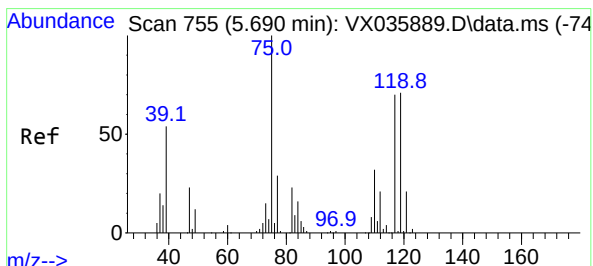
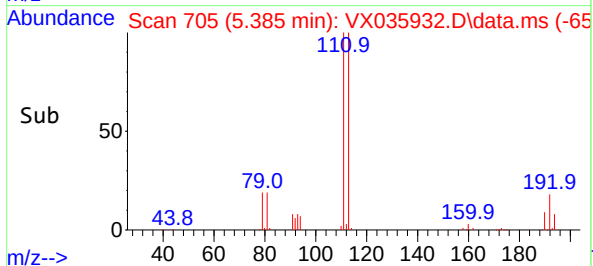
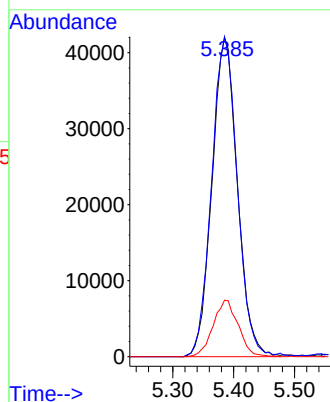
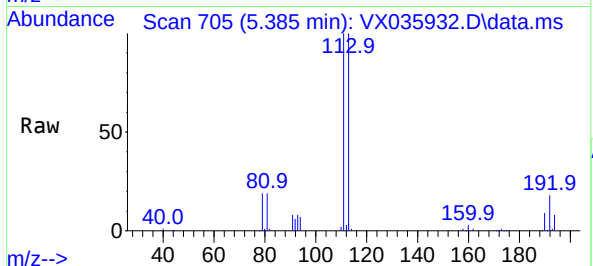


#35
Dibromofluoromethane
Concen: 44.530 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035932.D
Acq: 31 May 2023 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBL01

Tgt Ion:113 Resp: 121621

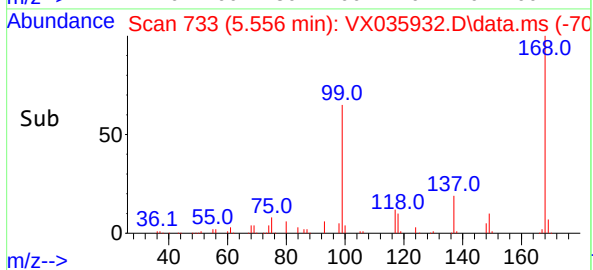
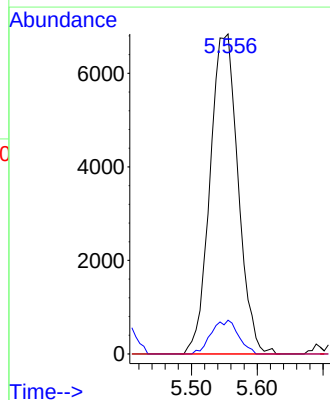
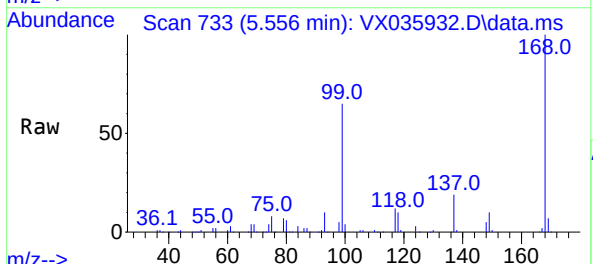
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.7	122.5
192	17.5	13.5	20.3

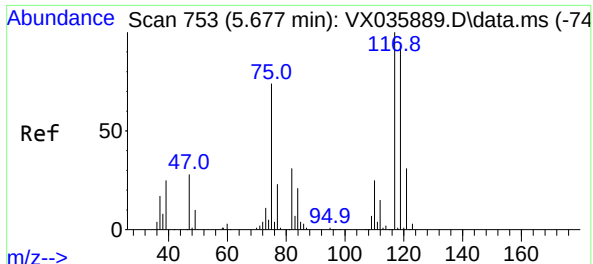


#36
1,1-Dichloropropene
Concen: 5.580 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX035932.D
Acq: 31 May 2023 13:34

Tgt Ion: 75 Resp: 20319

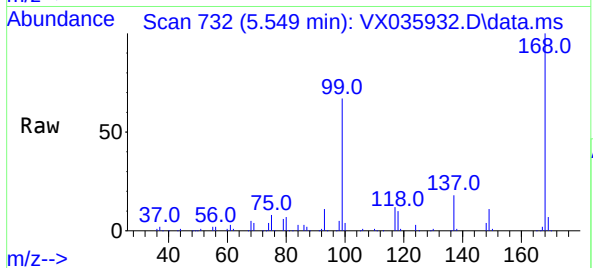
Ion	Ratio	Lower	Upper
75	100		
110	10.2	16.6	49.7#
77	0.0	24.4	36.6#



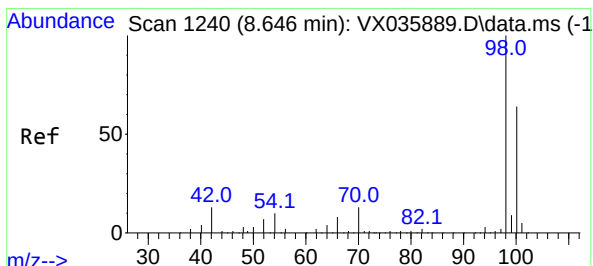
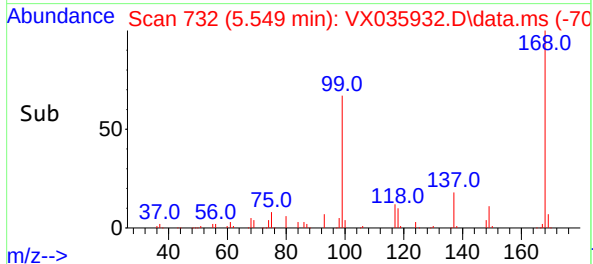
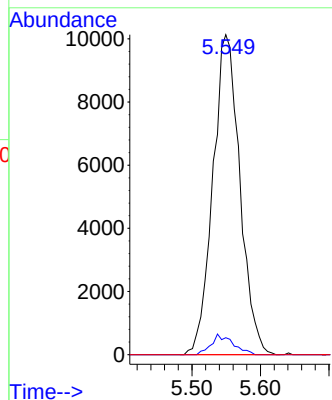


#38
Carbon Tetrachloride
Concen: 7.811 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035932.D
Acq: 31 May 2023 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBL01

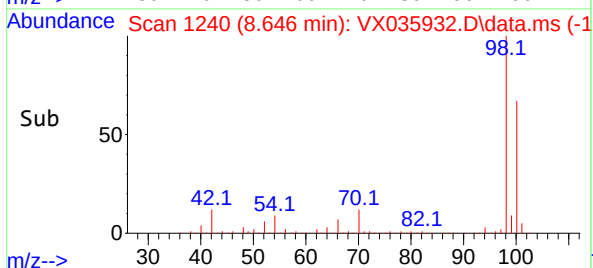
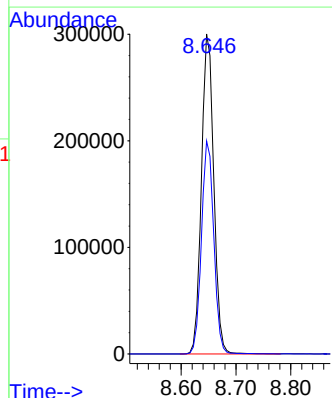
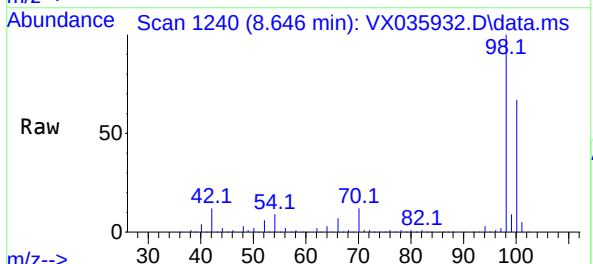


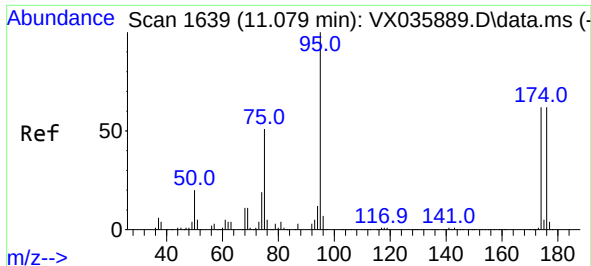
Tgt Ion:117 Resp: 27720
Ion Ratio Lower Upper
117 100
119 5.3 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 47.859 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035932.D
Acq: 31 May 2023 13:34

Tgt Ion: 98 Resp: 469122
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.0

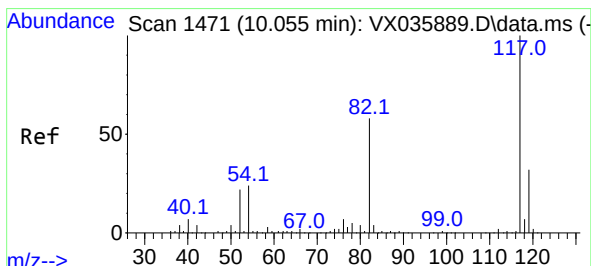
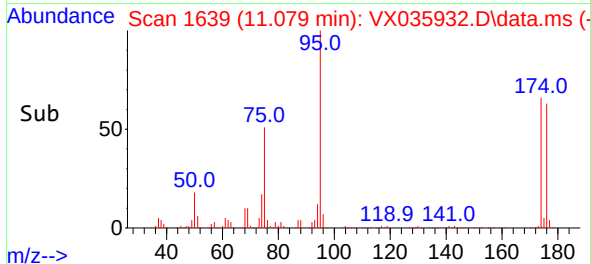
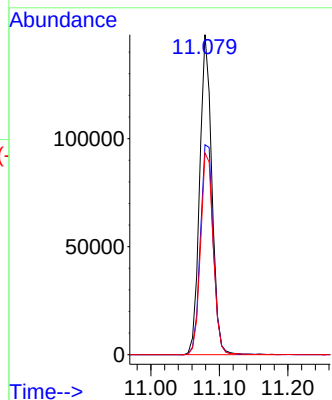
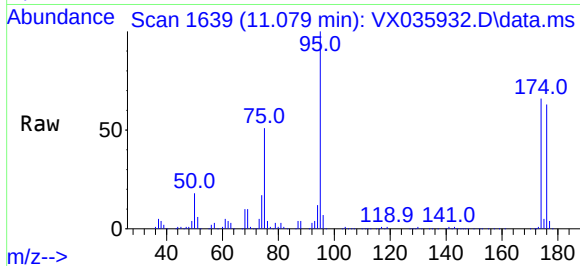




#62
4-Bromofluorobenzene
Concen: 47.316 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035932.D
Acq: 31 May 2023 13:34

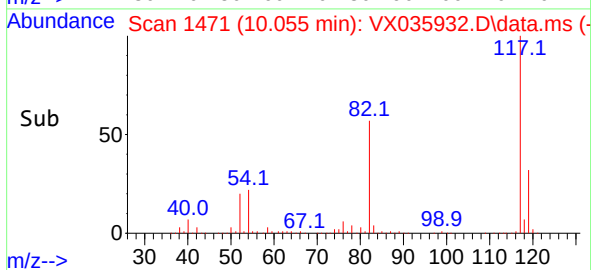
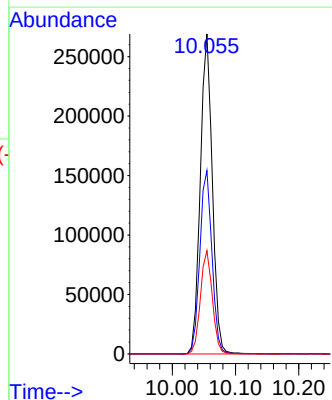
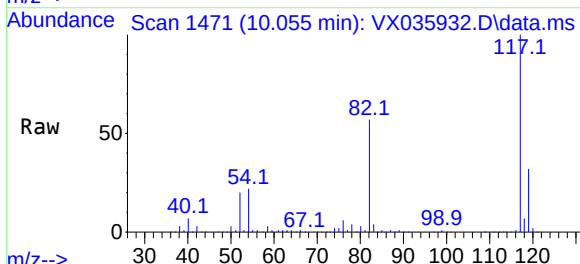
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBL01

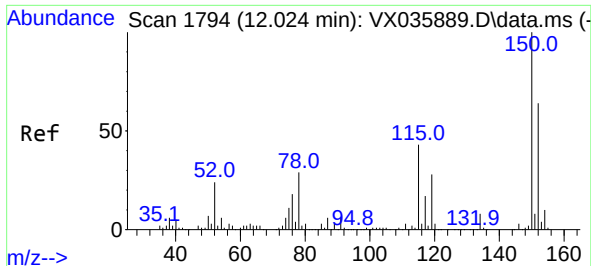
Tgt Ion: 95 Resp: 183086
Ion Ratio Lower Upper
95 100
174 69.8 0.0 132.6
176 65.7 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035932.D
Acq: 31 May 2023 13:34

Tgt Ion: 117 Resp: 355757
Ion Ratio Lower Upper
117 100
82 57.3 46.6 69.8
119 32.3 25.4 38.2

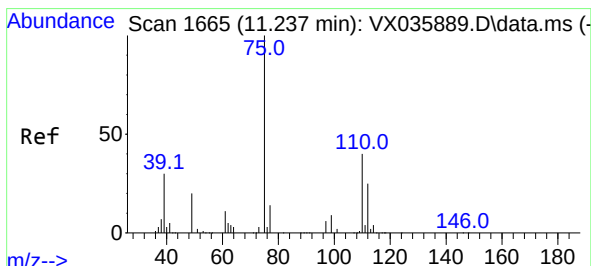
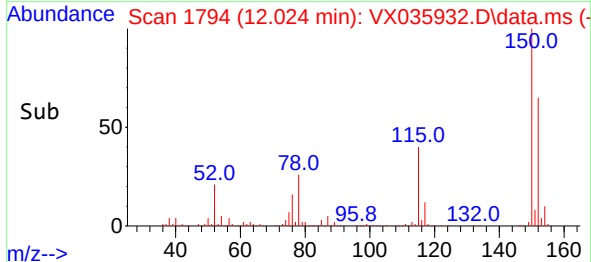
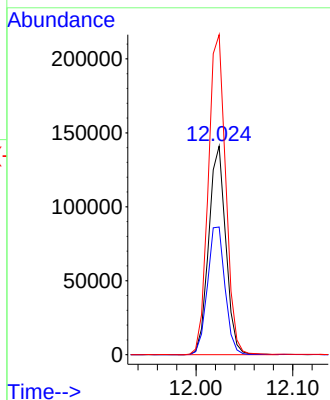
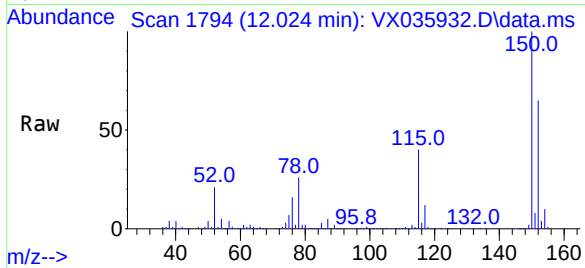




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035932.D
 Acq: 31 May 2023 13:34

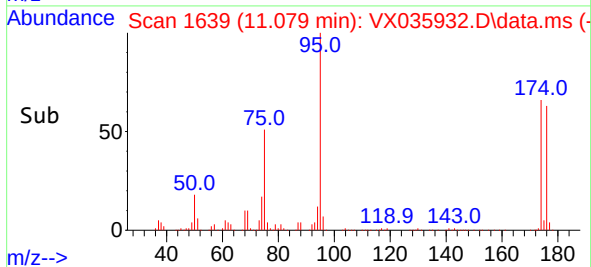
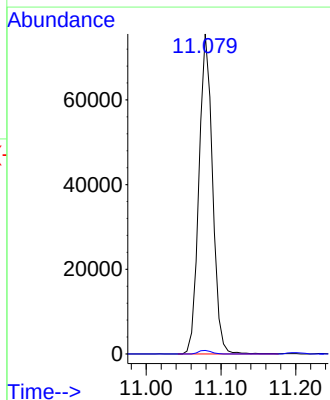
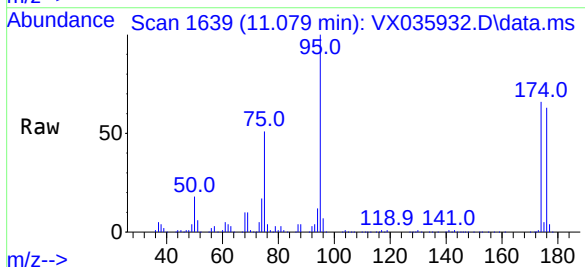
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBL01

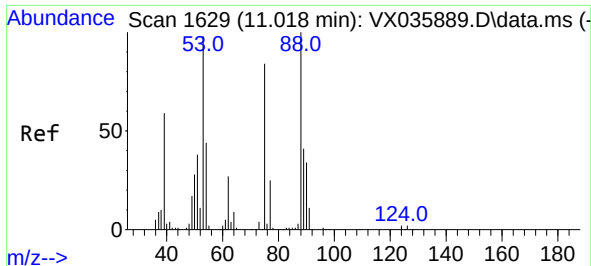
Tgt Ion:152 Resp: 173427
 Ion Ratio Lower Upper
 152 100
 115 63.2 45.5 136.5
 150 156.7 0.0 345.2



#76
 1,2,3-Trichloropropane
 Concen: 24.381 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX035932.D
 Acq: 31 May 2023 13:34

Tgt Ion: 75 Resp: 95367
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.4 64.2#

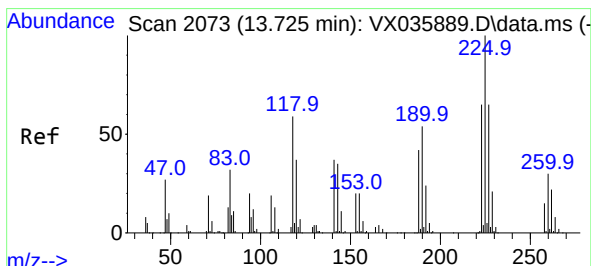
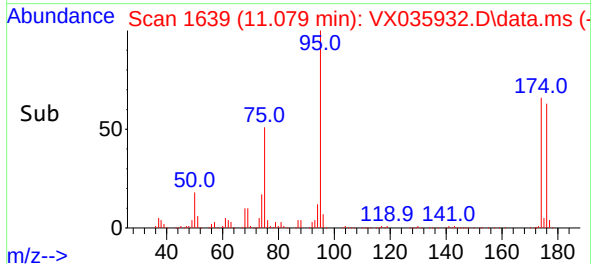
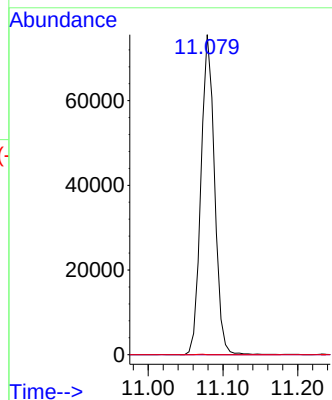
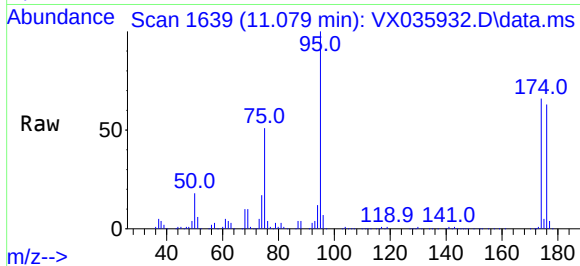




#81
trans-1,4-Dichloro-2-butene
Concen: 82.123 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035932.D
Acq: 31 May 2023 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBL01

Tgt Ion: 75 Resp: 95367
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.1 38.0 57.0#



#94
Hexachlorobutadiene
Concen: 0.219 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX035932.D
Acq: 31 May 2023 13:34

Tgt Ion: 225 Resp: 276
Ion Ratio Lower Upper
225 100
223 89.1 32.6 97.7
227 54.7 31.9 95.7

