

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042123\
 Data File : VX035227.D
 Acq On : 21 Apr 2023 12:49
 Operator : JC/MD
 Sample : VX0421MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421MBL01

Quant Time: Apr 22 01:04:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

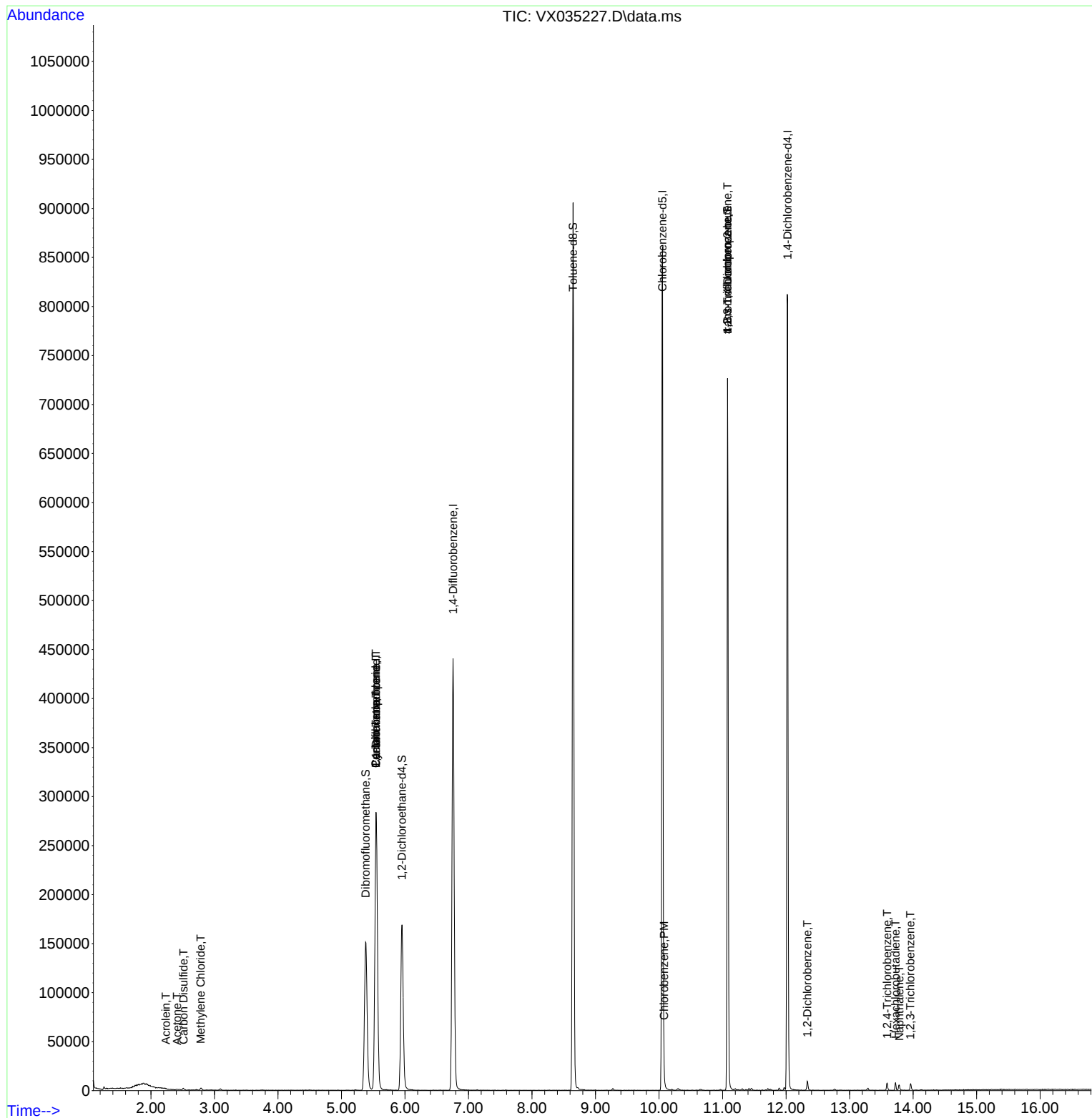
Internal Standards						
1) Pentafluorobenzene	5.544	168	275880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	454815	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	403512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	165113	39.134	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	78.260%		
35) Dibromofluoromethane	5.379	113	134506	44.713	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.420%		
50) Toluene-d8	8.647	98	537388	48.398	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.800%		
62) 4-Bromofluorobenzene	11.079	95	194200	45.196	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.400%		
Target Compounds						Qvalue
13) Acrolein	2.233	56	362	0.475	ug/l	96
16) Acetone	2.410	43	780	0.455	ug/l #	79
17) Carbon Disulfide	2.514	76	2174	0.306	ug/l #	94
20) Methylene Chloride	2.782	84	1188	0.351	ug/l #	71
31) Cyclohexane	5.544	56	5306	1.033	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	20806	4.668	ug/l #	50
38) Carbon Tetrachloride	5.544	117	27854	6.629	ug/l #	16
65) Chlorobenzene	10.079	112	2596	0.309	ug/l #	85
76) 1,2,3-Trichloropropane	11.079	75	95757	26.651	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	95757	79.870	ug/l #	8
91) 1,2-Dichlorobenzene	12.335	146	2115	0.358	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	2290	0.686	ug/l	97
94) Hexachlorobutadiene	13.725	225	1237	0.842	ug/l	97
95) Naphthalene	13.786	128	4507	0.380	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	1982	0.589	ug/l	98

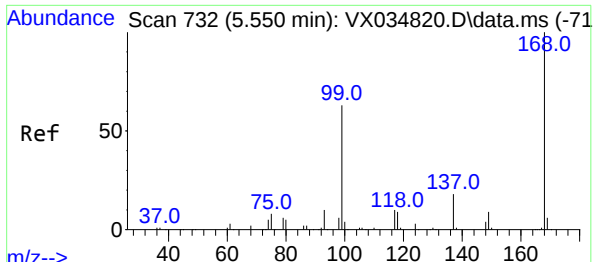
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 22 01:04:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

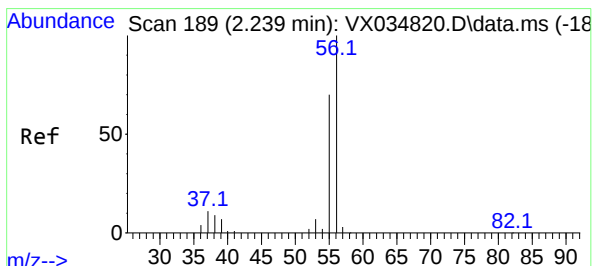
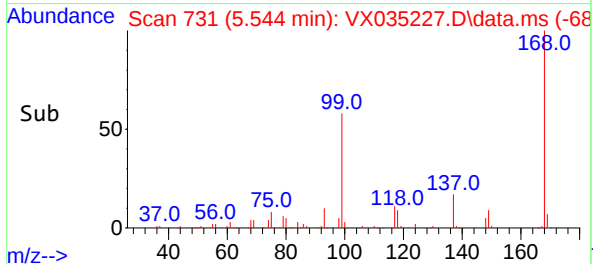
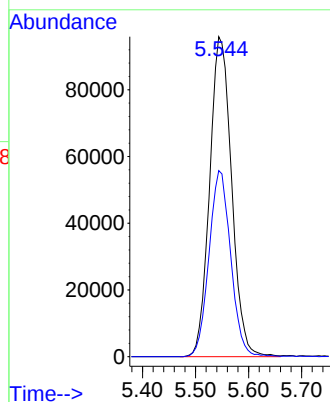
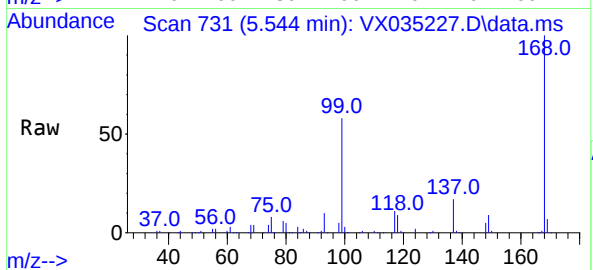




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX035227.D
Acq: 21 Apr 2023 12:49

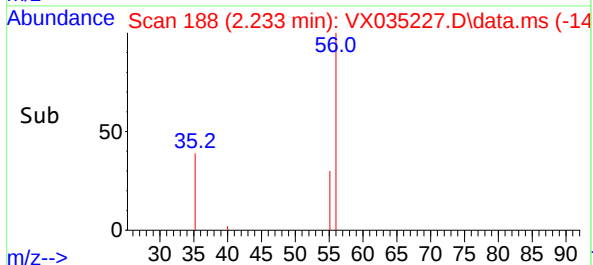
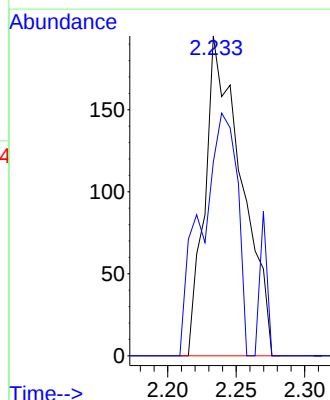
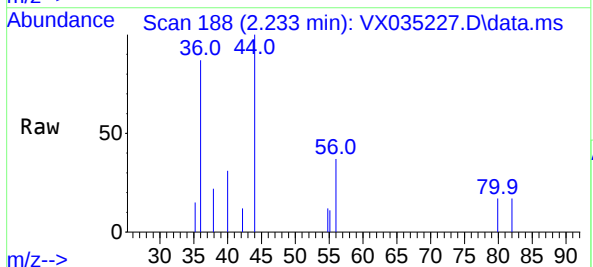
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL01

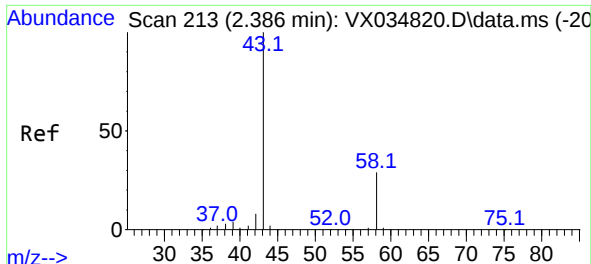
Tgt Ion:168 Resp: 275880
Ion Ratio Lower Upper
168 100
99 58.1 45.7 68.5



#13
Acrolein
Concen: 0.475 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX035227.D
Acq: 21 Apr 2023 12:49

Tgt Ion: 56 Resp: 362
Ion Ratio Lower Upper
56 100
55 74.3 56.6 85.0

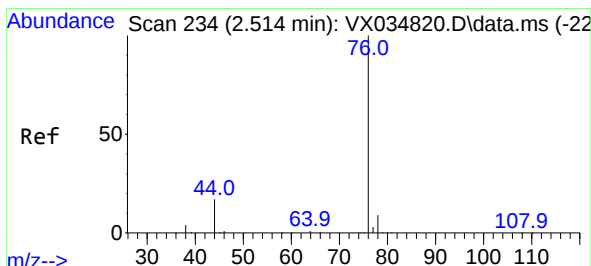
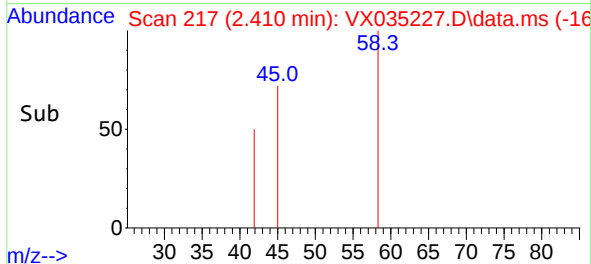
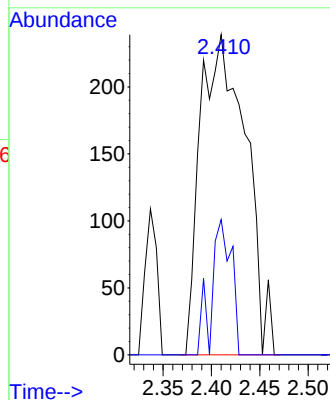
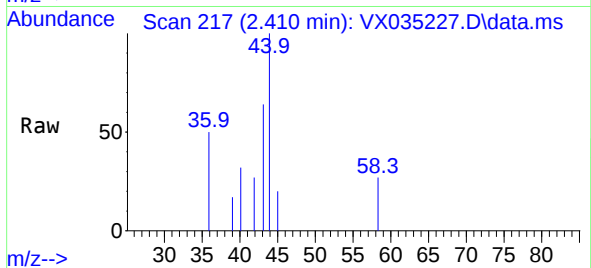




#16
Acetone
Concen: 0.455 ug/l
RT: 2.410 min Scan# 213
Delta R.T. 0.024 min
Lab File: VX035227.D
Acq: 21 Apr 2023 12:49

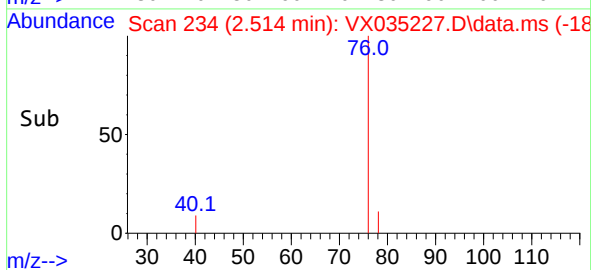
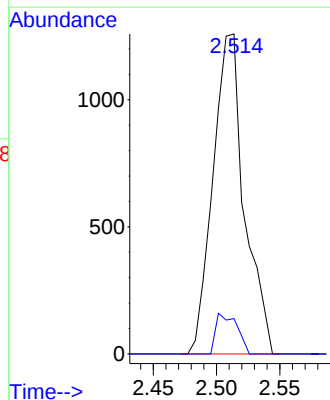
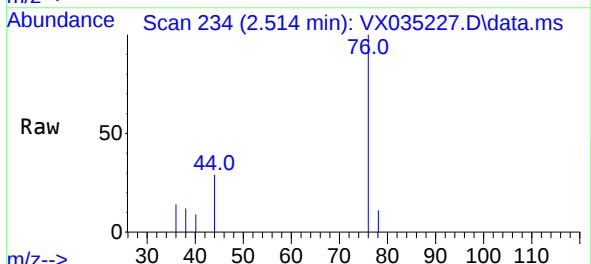
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL01

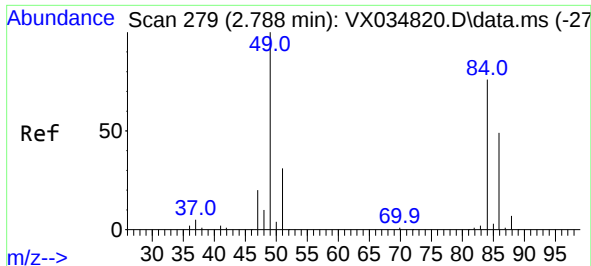
Tgt Ion: 43 Resp: 780
Ion Ratio Lower Upper
43 100
58 42.3 24.7 37.1#



#17
Carbon Disulfide
Concen: 0.306 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX035227.D
Acq: 21 Apr 2023 12:49

Tgt Ion: 76 Resp: 2174
Ion Ratio Lower Upper
76 100
78 11.0 7.2 10.8#

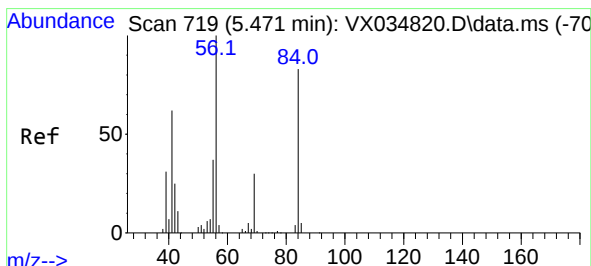
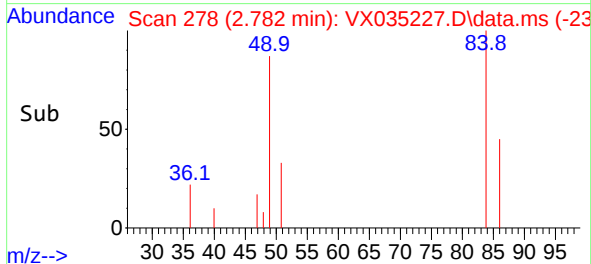
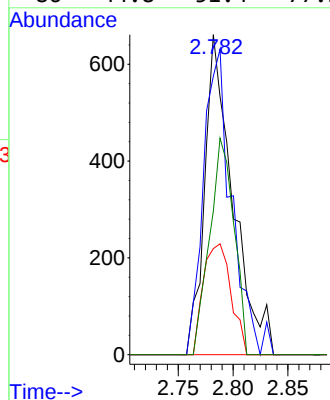
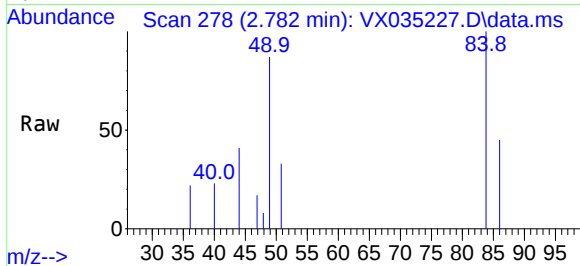




#20
Methylene Chloride
Concen: 0.351 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX035227.D
Acq: 21 Apr 2023 12:49

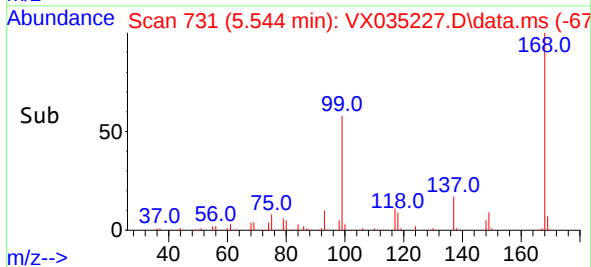
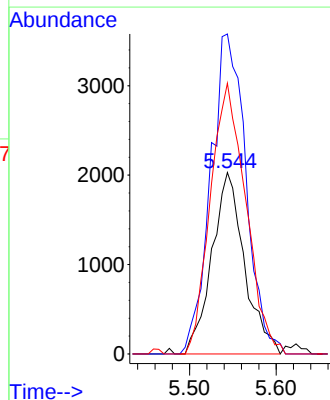
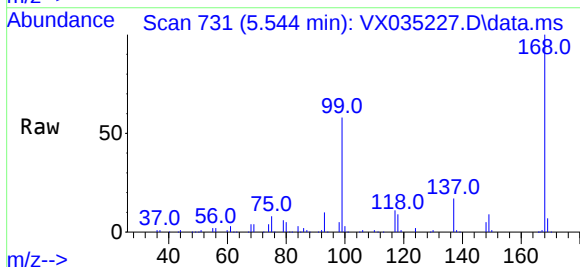
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL01

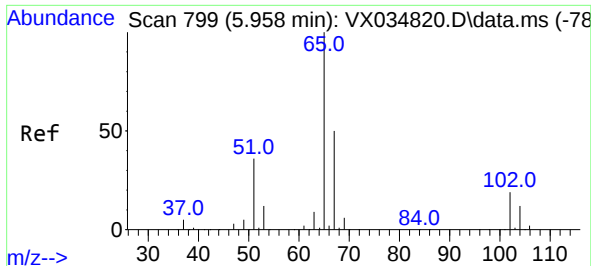
Tgt Ion:	84	Resp:	1188
Ion	Ratio	Lower	Upper
84	100		
49	87.0	103.8	155.8#
51	33.1	31.8	47.8
86	44.8	51.4	77.2#



#31
Cyclohexane
Concen: 1.033 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX035227.D
Acq: 21 Apr 2023 12:49

Tgt Ion:	56	Resp:	5306
Ion	Ratio	Lower	Upper
56	100		
69	176.3	23.7	35.5#
84	149.2	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 39.134 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035227.D

Acq: 21 Apr 2023 12:49

Instrument :

MSVOA_X

ClientSampleId :

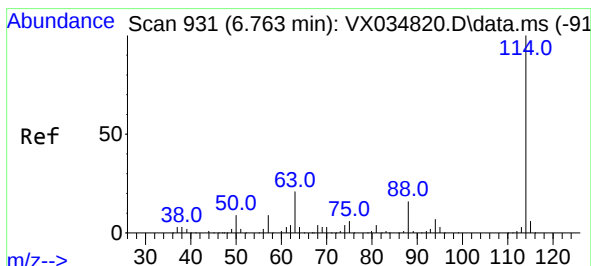
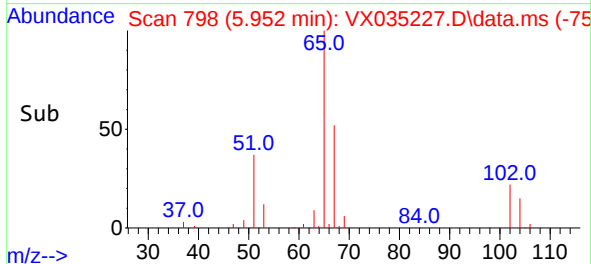
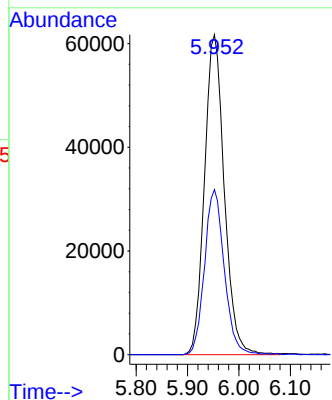
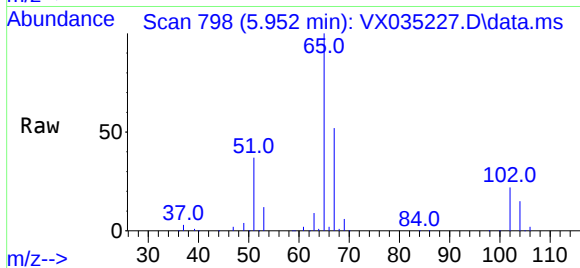
VX0421MBL01

Tgt Ion: 65 Resp: 165113

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035227.D

Acq: 21 Apr 2023 12:49

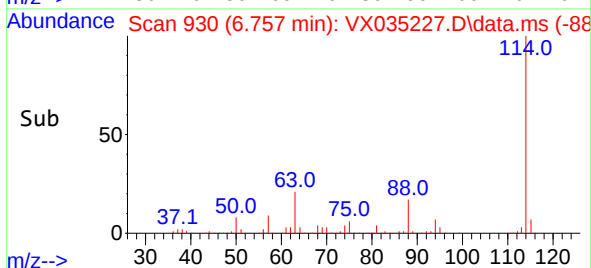
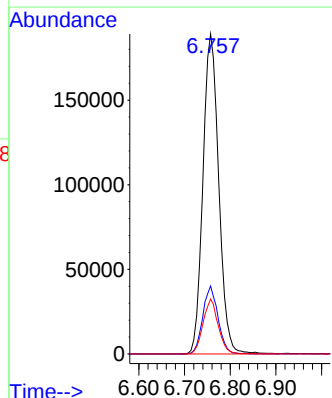
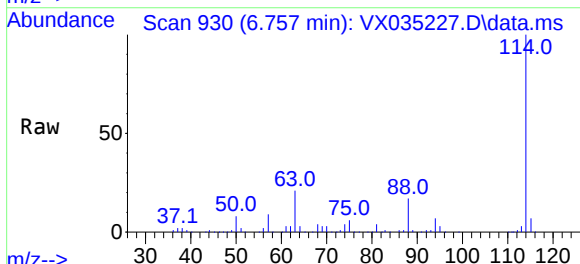
Tgt Ion: 114 Resp: 454815

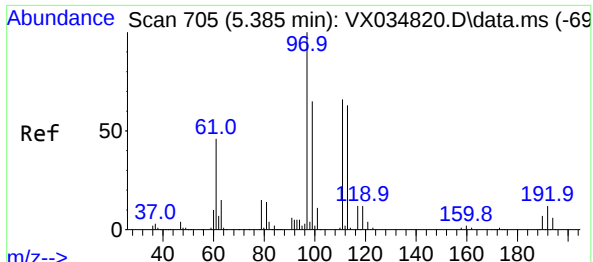
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.2

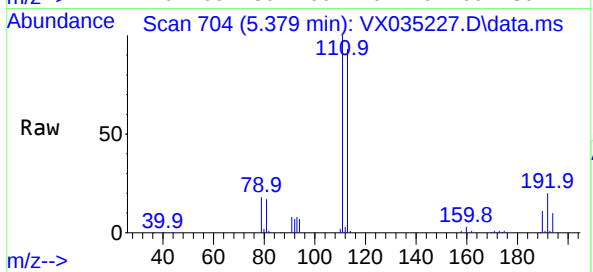
88 17.2 0.0 33.2



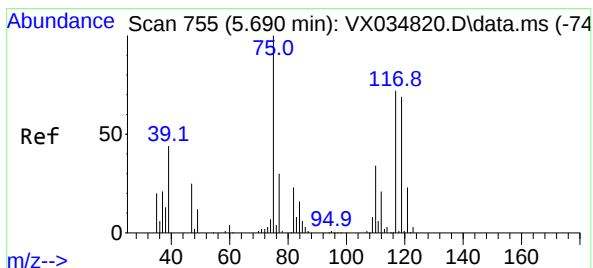
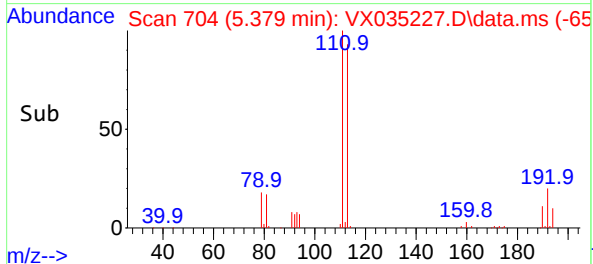
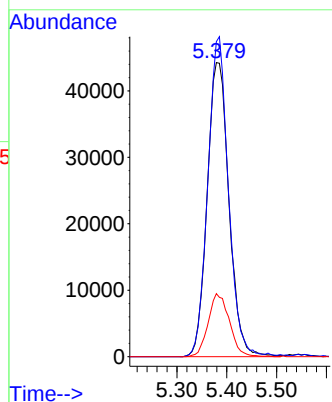


#35
Dibromofluoromethane
Concen: 44.713 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX035227.D
Acq: 21 Apr 2023 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL01

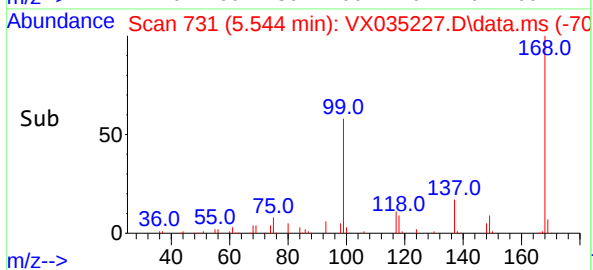
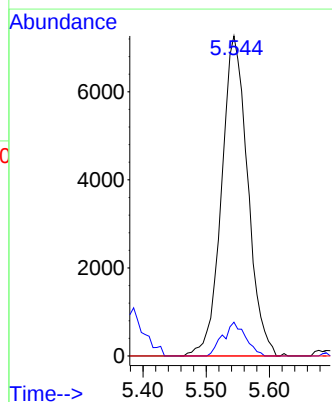
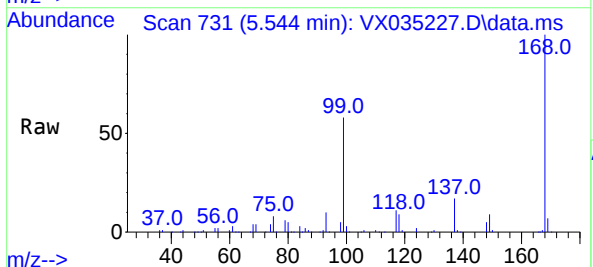


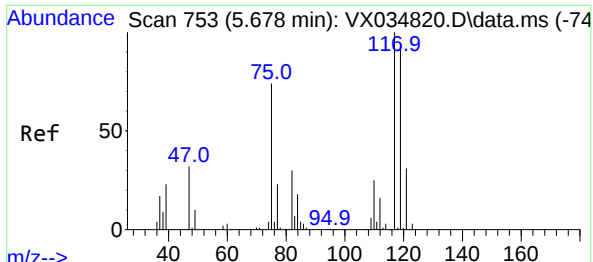
Tgt Ion:113 Resp: 134506
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 20.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.668 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX035227.D
Acq: 21 Apr 2023 12:49

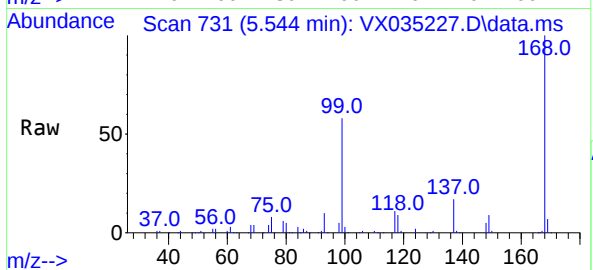
Tgt Ion: 75 Resp: 20806
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.3 36.5#



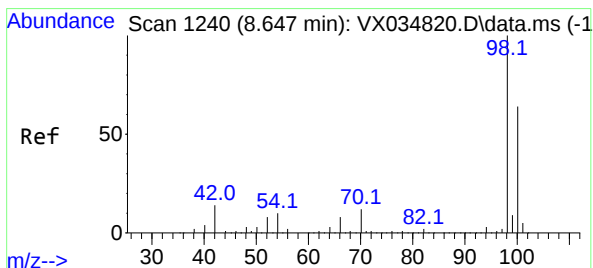
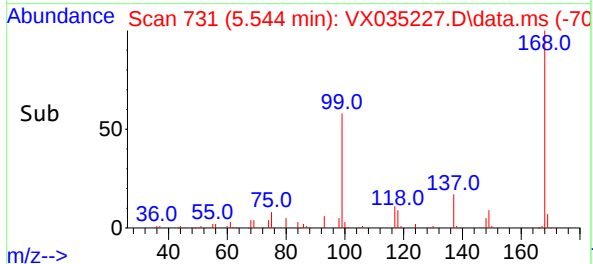
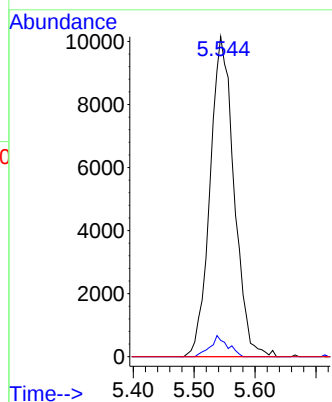


#38
Carbon Tetrachloride
Concen: 6.629 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX035227.D
Acq: 21 Apr 2023 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL01

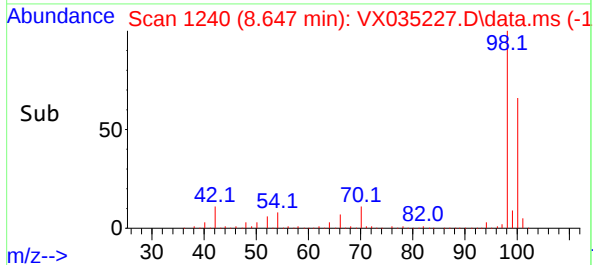
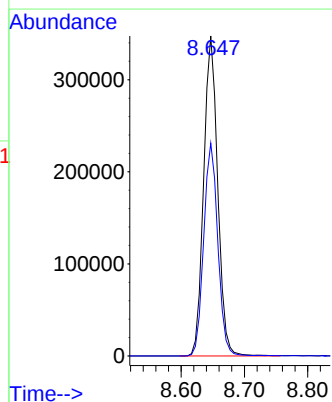
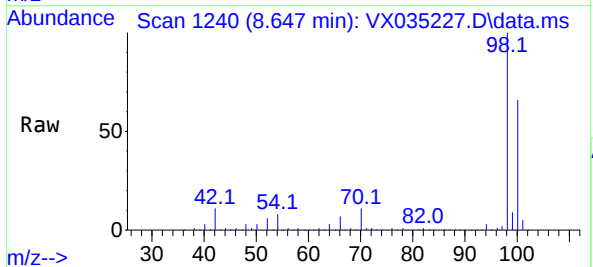


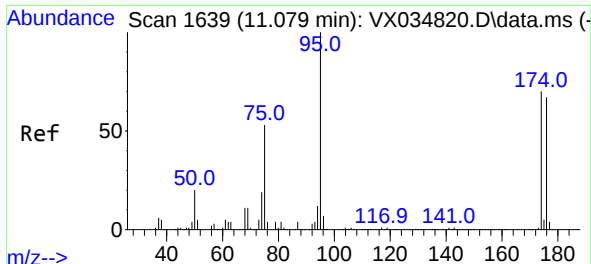
Tgt Ion:117 Resp: 27854
Ion Ratio Lower Upper
117 100
119 5.1 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.398 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035227.D
Acq: 21 Apr 2023 12:49

Tgt Ion: 98 Resp: 537388
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7

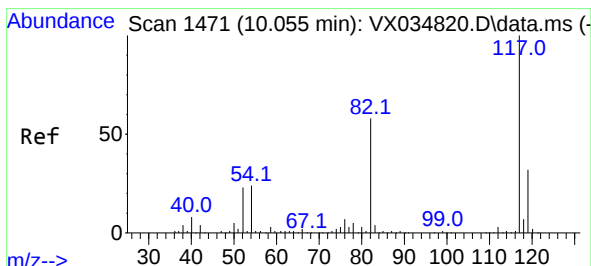
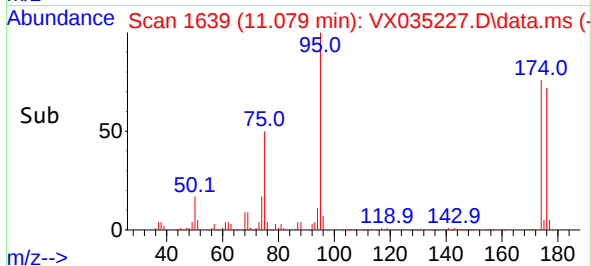
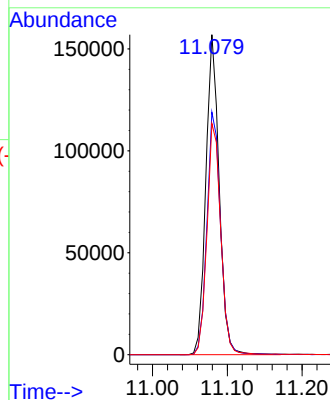
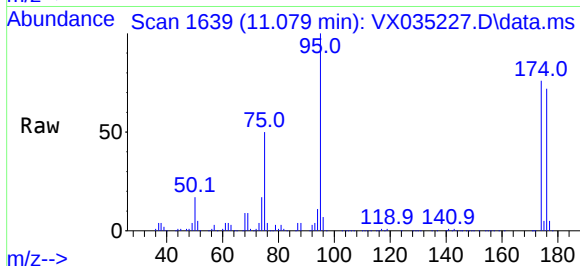




#62
4-Bromofluorobenzene
Concen: 45.196 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035227.D
Acq: 21 Apr 2023 12:49

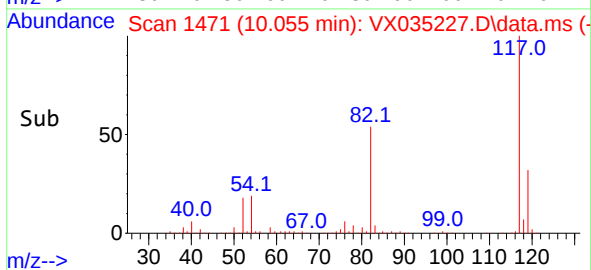
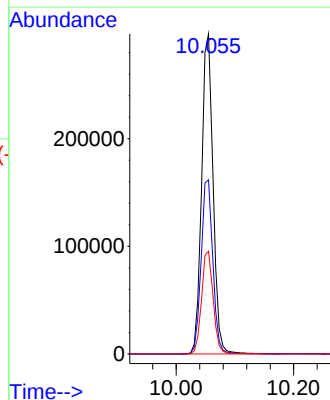
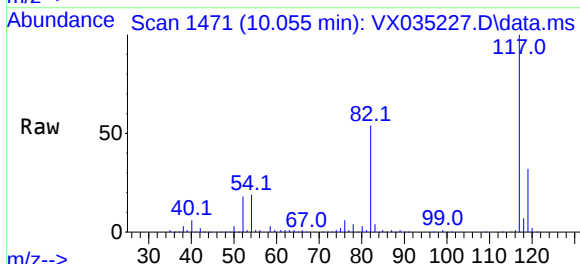
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL01

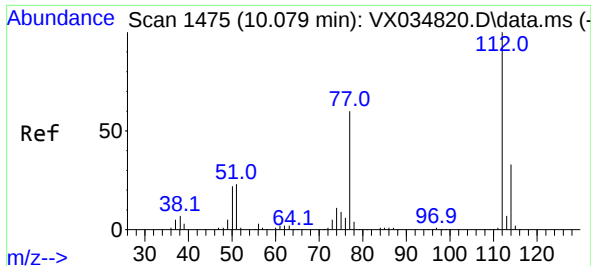
Tgt Ion: 95 Resp: 194200
Ion Ratio Lower Upper
95 100
174 77.6 0.0 147.4
176 74.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035227.D
Acq: 21 Apr 2023 12:49

Tgt Ion: 117 Resp: 403512
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.1 26.0 39.0

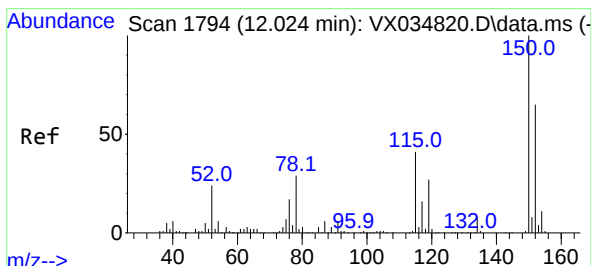
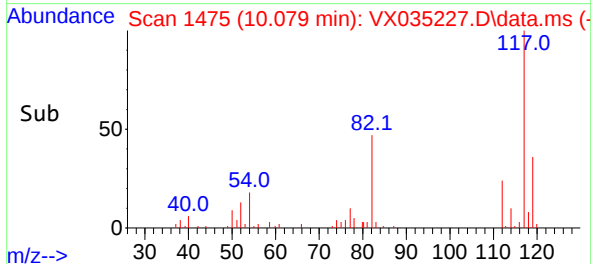
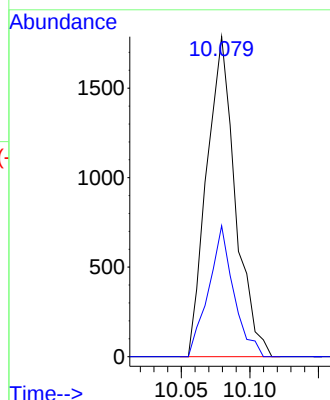
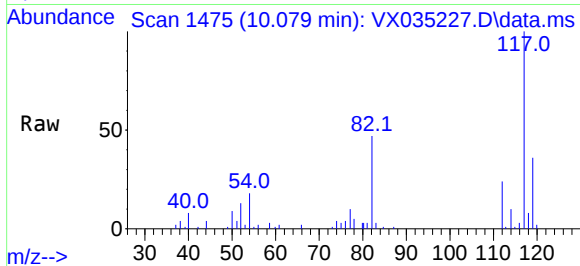




#65
Chlorobenzene
Concen: 0.309 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035227.D
Acq: 21 Apr 2023 12:49

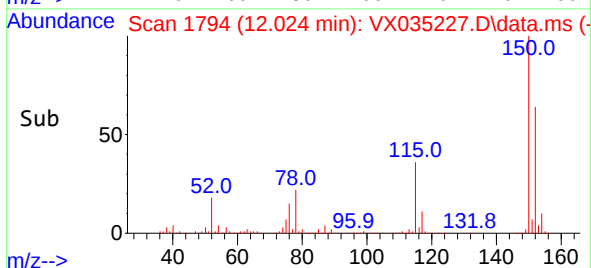
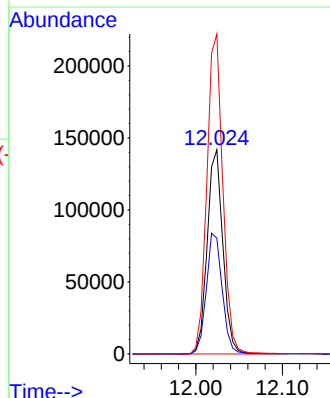
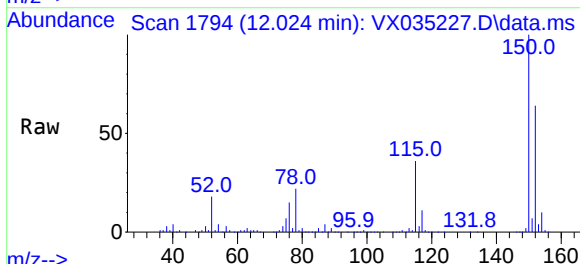
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL01

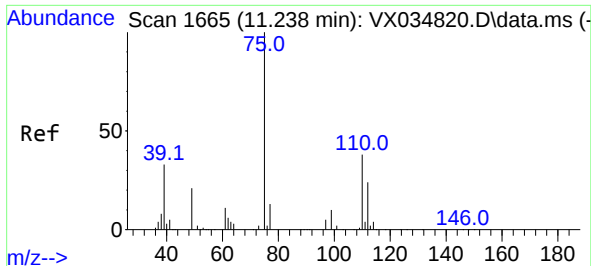
Tgt Ion:112 Resp: 2596
Ion Ratio Lower Upper
112 100
114 40.9 26.2 39.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035227.D
Acq: 21 Apr 2023 12:49

Tgt Ion:152 Resp: 178321
Ion Ratio Lower Upper
152 100
115 59.9 45.0 135.0
150 158.7 0.0 352.4

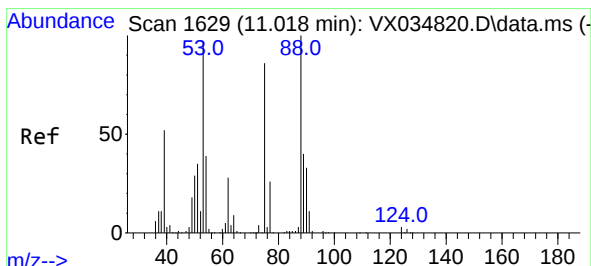
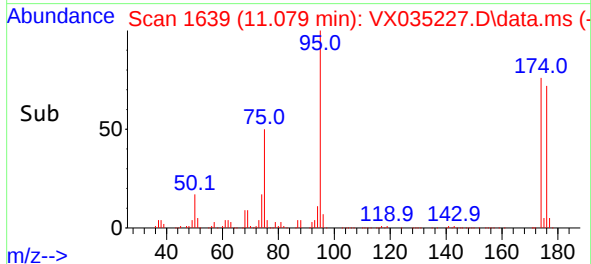
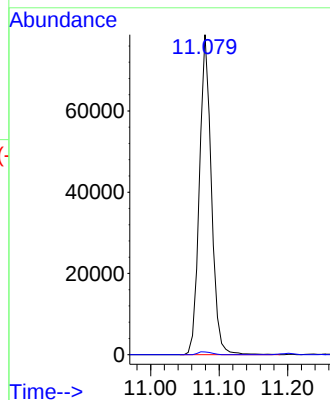
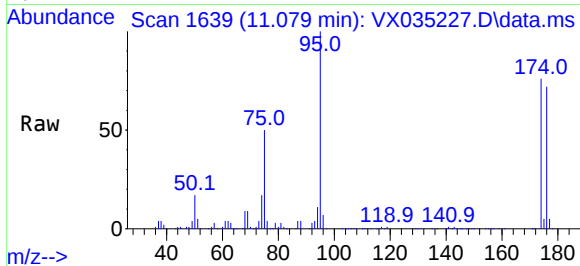




#76
1,2,3-Trichloropropane
Concen: 26.651 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035227.D
Acq: 21 Apr 2023 12:49

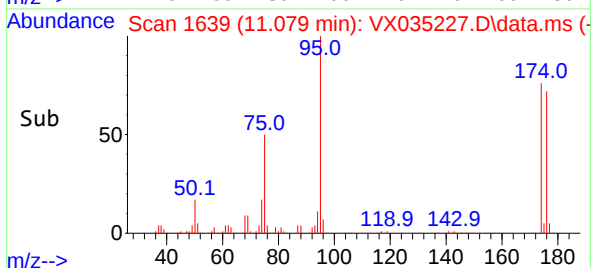
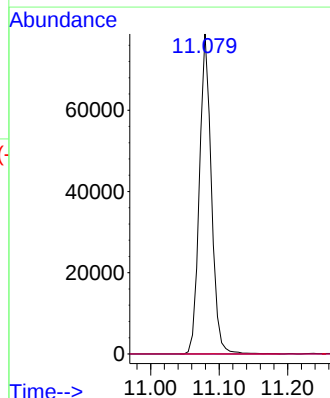
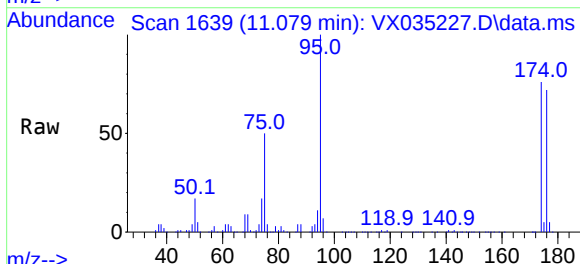
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL01

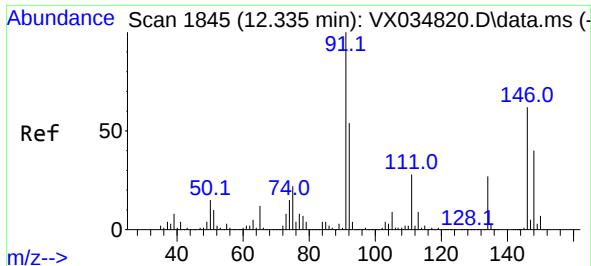
Tgt Ion: 75 Resp: 95757
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.870 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035227.D
Acq: 21 Apr 2023 12:49

Tgt Ion: 75 Resp: 95757
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

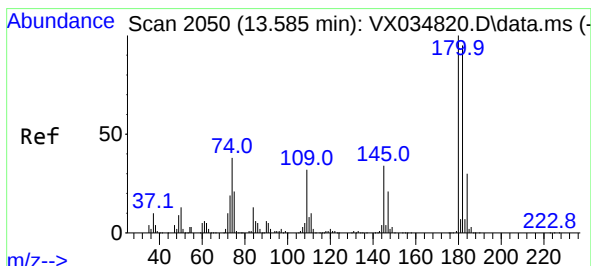
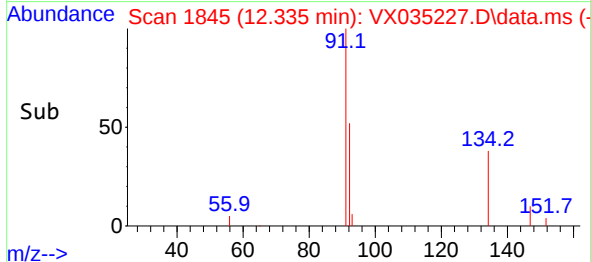
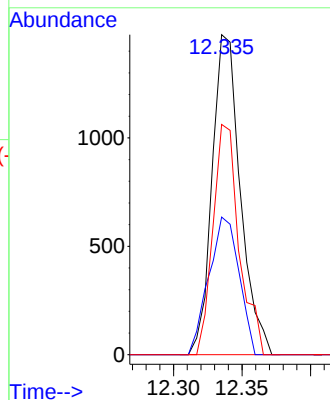
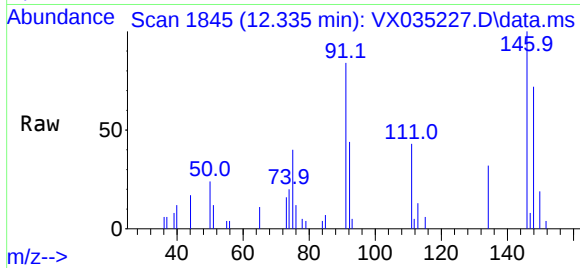




#91
1,2-Dichlorobenzene
Concen: 0.358 ug/l
RT: 12.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035227.D
Acq: 21 Apr 2023 12:49

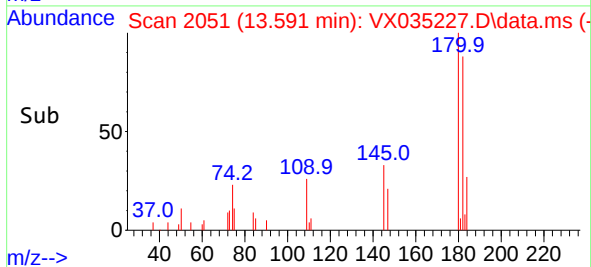
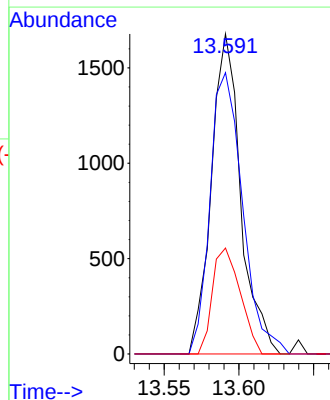
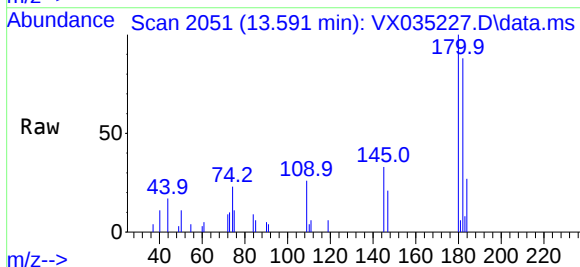
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL01

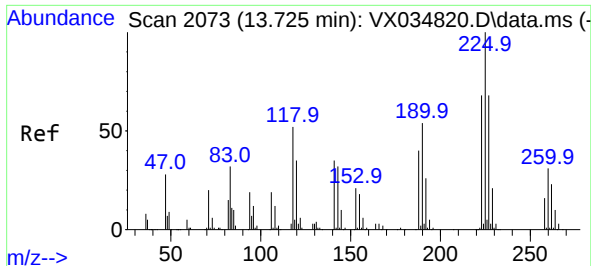
Tgt Ion:146	Resp:	2115
Ion	Ratio	Lower Upper
146	100	
111	46.1	22.0 66.0
148	66.4	32.0 96.0



#93
1,2,4-Trichlorobenzene
Concen: 0.686 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035227.D
Acq: 21 Apr 2023 12:49

Tgt Ion:180	Resp:	2290
Ion	Ratio	Lower Upper
180	100	
182	97.5	47.0 141.0
145	31.3	15.9 47.7

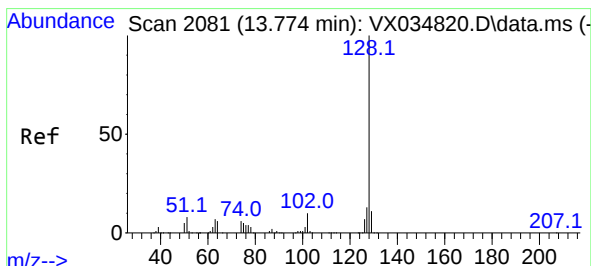
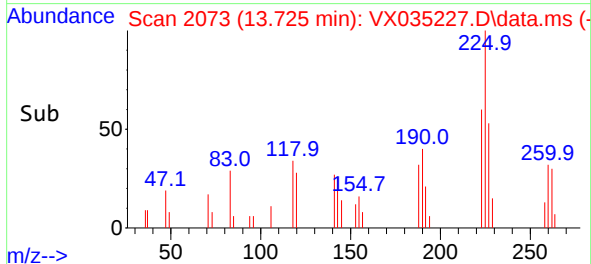
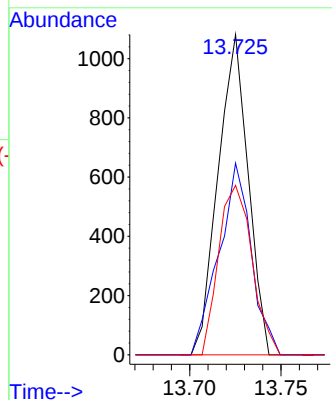
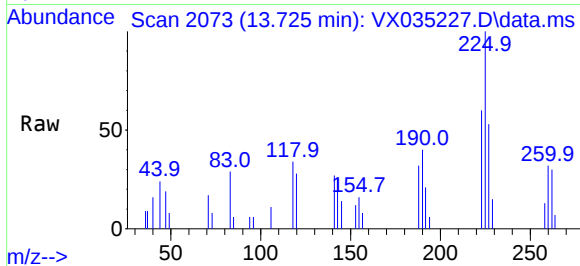




#94
Hexachlorobutadiene
Concen: 0.842 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035227.D
Acq: 21 Apr 2023 12:49

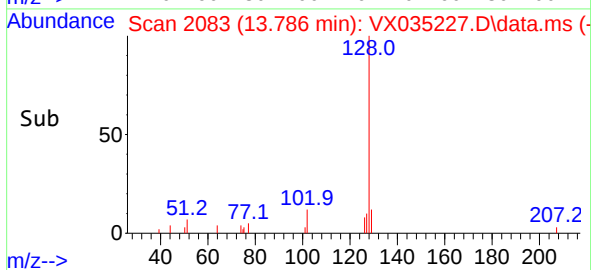
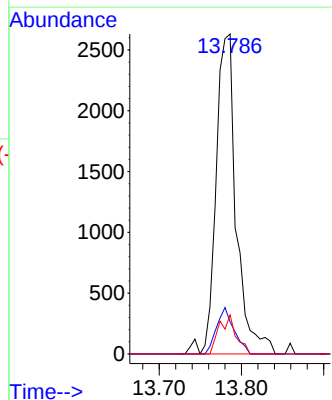
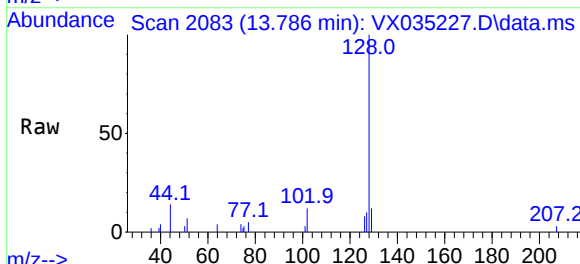
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL01

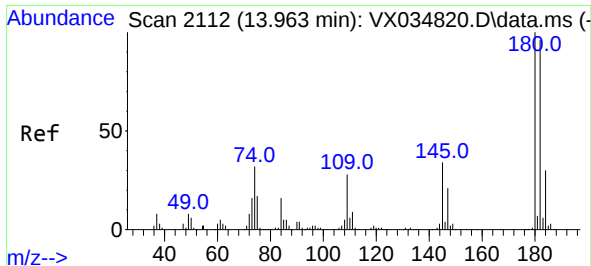
Tgt Ion:	225	Resp:	1237
Ion	Ratio	Lower	Upper
225	100		
223	64.8	32.1	96.5
227	59.0	31.8	95.4



#95
Naphthalene
Concen: 0.380 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX035227.D
Acq: 21 Apr 2023 12:49

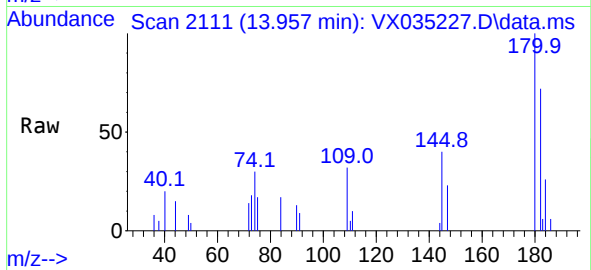
Tgt Ion:	128	Resp:	4507
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.1	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.589 ug/l
 RT: 13.957 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX035227.D
 Acq: 21 Apr 2023 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421MBL01



Tgt Ion:180 Resp: 1982
 Ion Ratio Lower Upper
 180 100
 182 93.9 48.0 144.2
 145 34.7 17.7 53.1

