

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035782.D
 Acq On : 22 May 2023 14:15
 Operator : JC/MD
 Sample : 02803-01ME
 Misc : 6.17g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-14-G1-67-051023ME

Quant Time: May 23 06:11:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

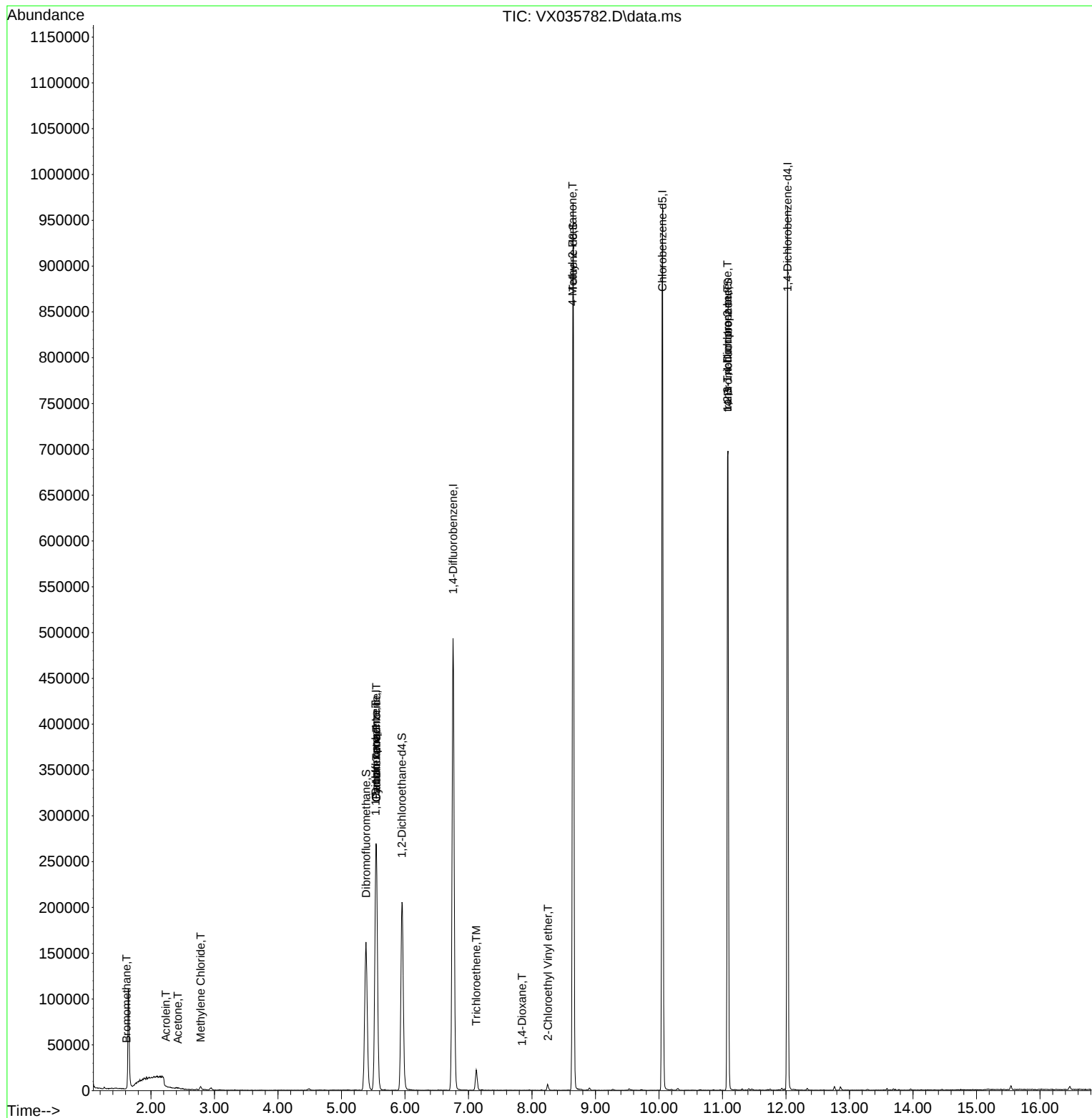
Internal Standards						
1) Pentafluorobenzene	5.544	168	240225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	461584	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	405636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	197375	47.097	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.200%		
35) Dibromofluoromethane	5.385	113	136411	43.821	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.640%		
50) Toluene-d8	8.647	98	536963	46.693	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.380%		
62) 4-Bromofluorobenzene	11.085	95	213601	46.131	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.260%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	379	0.217	ug/l	88
13) Acrolein	2.233	56	265	0.302	ug/l	95
16) Acetone	2.422	43	1290	0.716	ug/l	95
20) Methylene Chloride	2.782	84	2106	0.645	ug/l	91
31) Cyclohexane	5.550	56	7090	1.339	ug/l #	33
36) 1,1-Dichloropropene	5.538	75	21990	4.475	ug/l #	50
38) Carbon Tetrachloride	5.550	117	26802	5.758	ug/l #	15
44) Trichloroethene	7.123	130	7430	2.132	ug/l	83
49) 1,4-Dioxane	7.842	88	30	2.308	ug/l #	23
51) 4-Methyl-2-Pentanone	8.641	43	3012	0.585	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.251	63	2626	0.935	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	119935	26.945	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	119935	86.840	ug/l #	8

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

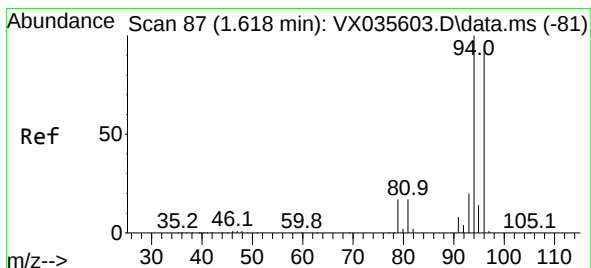
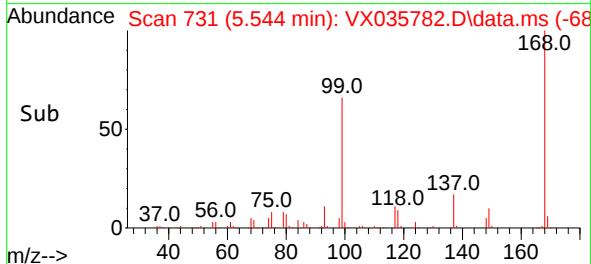
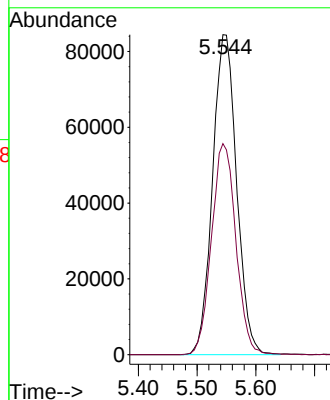
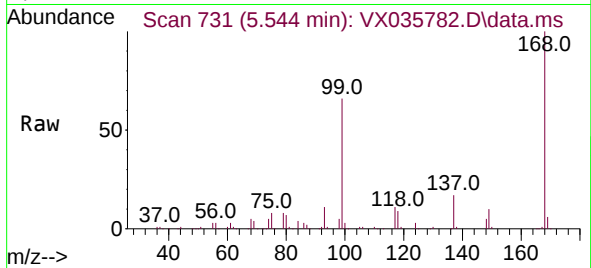




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX035782.D
Acq: 22 May 2023 14:15

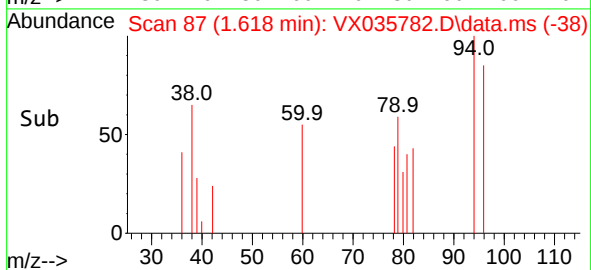
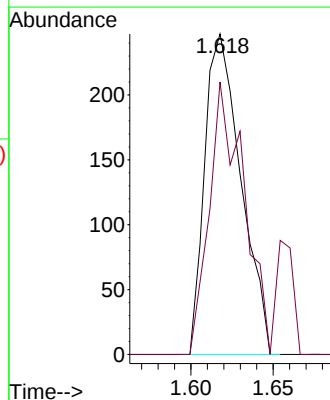
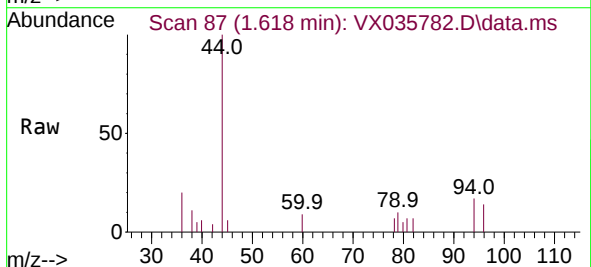
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-67-051023ME

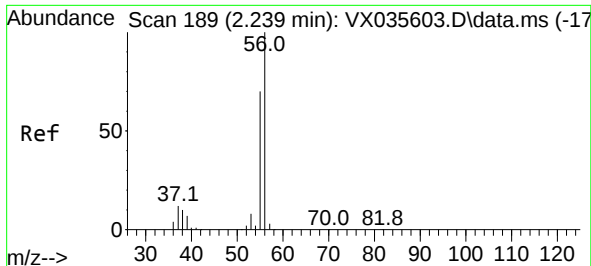
Tgt Ion:168 Resp: 240225
Ion Ratio Lower Upper
168 100
99 66.0 45.7 68.5



#5
Bromomethane
Concen: 0.217 ug/l
RT: 1.618 min Scan# 87
Delta R.T. -0.000 min
Lab File: VX035782.D
Acq: 22 May 2023 14:15

Tgt Ion: 94 Resp: 379
Ion Ratio Lower Upper
94 100
96 85.0 77.0 115.6

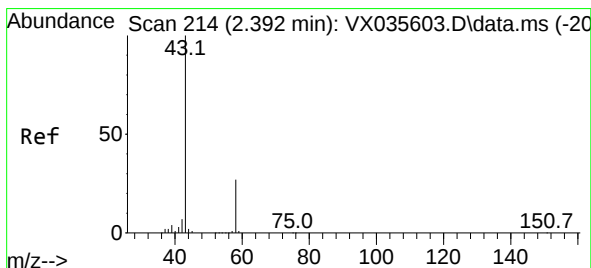
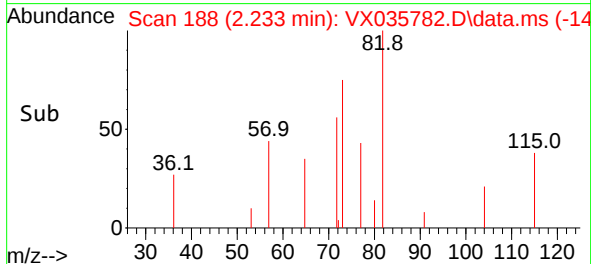
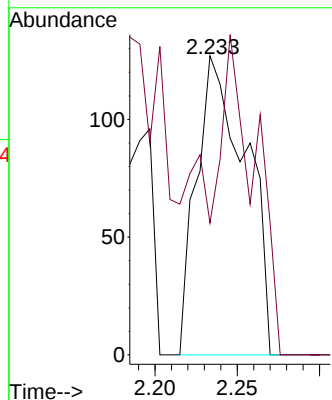
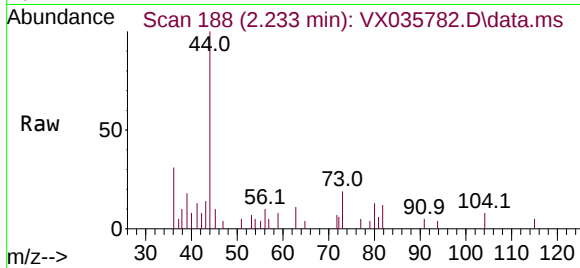




#13
Acrolein
Concen: 0.302 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035782.D
Acq: 22 May 2023 14:15

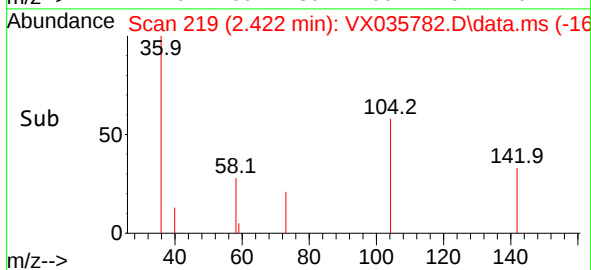
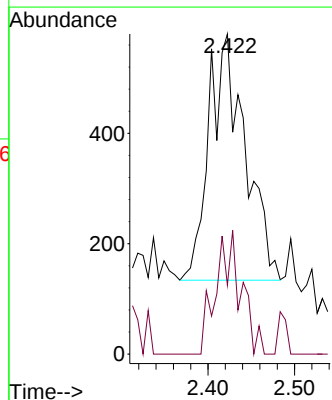
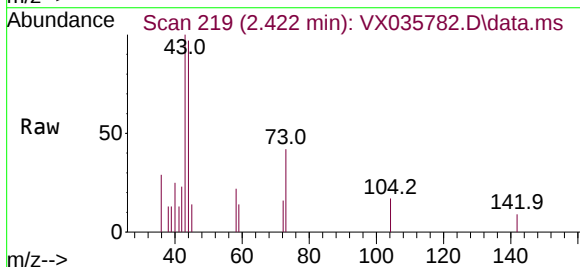
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-67-051023ME

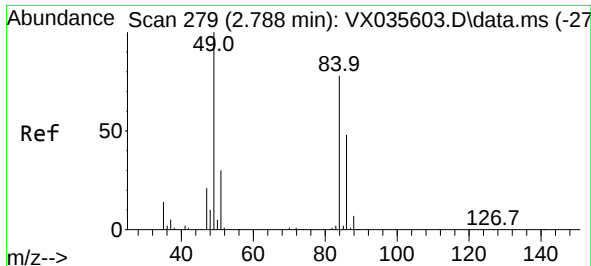
Tgt Ion: 56 Resp: 265
Ion Ratio Lower Upper
56 100
55 74.7 56.6 85.0



#16
Acetone
Concen: 0.716 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.030 min
Lab File: VX035782.D
Acq: 22 May 2023 14:15

Tgt Ion: 43 Resp: 1290
Ion Ratio Lower Upper
43 100
58 28.0 24.7 37.1

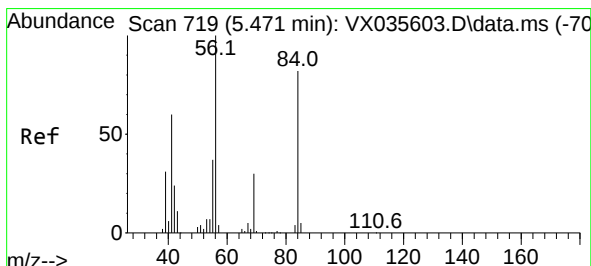
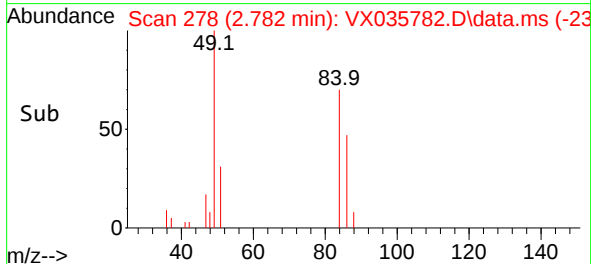
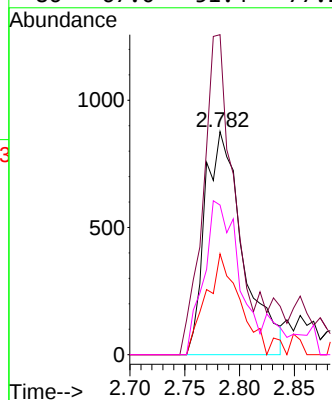
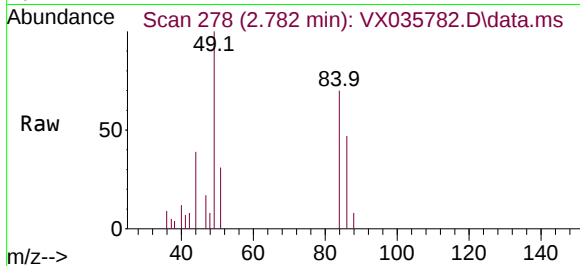




#20
Methylene Chloride
Concen: 0.645 ug/l
RT: 2.782 min Scan# 2106
Delta R.T. -0.006 min
Lab File: VX035782.D
Acq: 22 May 2023 14:15

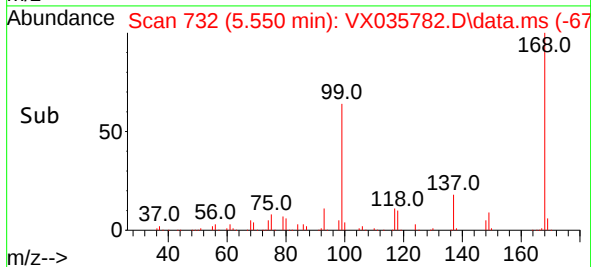
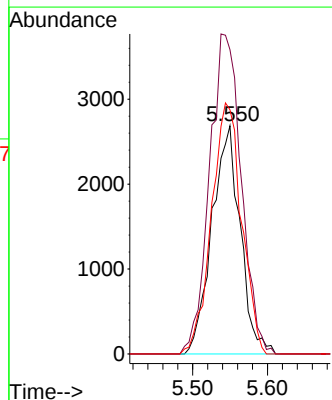
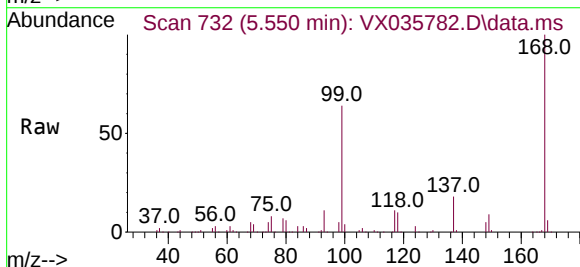
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-67-051023ME

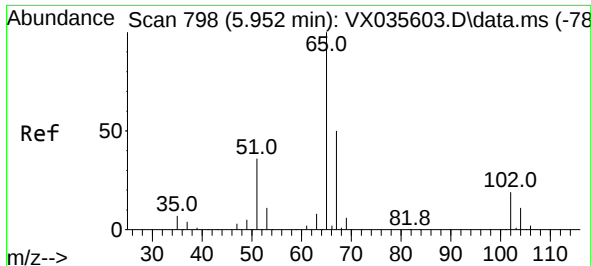
Tgt Ion:	84	Resp:	2106
Ion	Ratio	Lower	Upper
84	100		
49	143.4	103.8	155.8
51	45.2	31.8	47.8
86	67.0	51.4	77.2



#31
Cyclohexane
Concen: 1.339 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX035782.D
Acq: 22 May 2023 14:15

Tgt Ion:	56	Resp:	7090
Ion	Ratio	Lower	Upper
56	100		
69	133.4	23.7	35.5#
84	107.0	68.5	102.7#

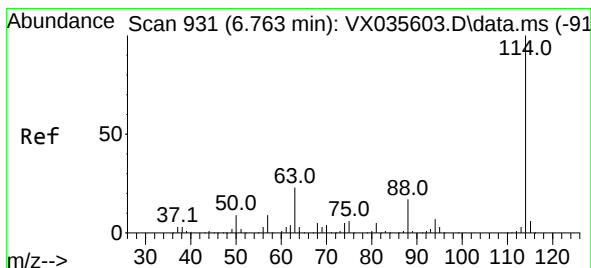
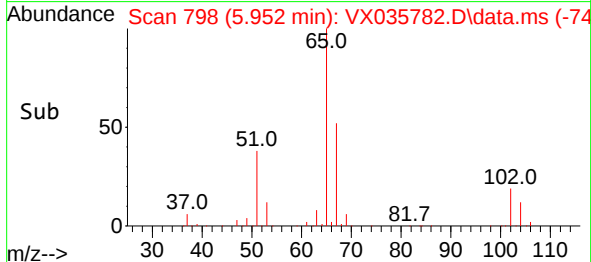
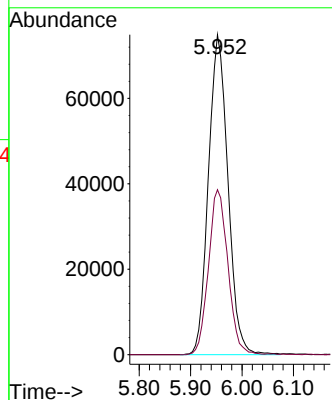
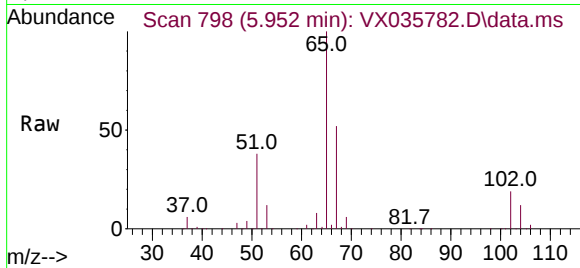




#33
 1,2-Dichloroethane-d4
 Concen: 47.097 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX035782.D
 Acq: 22 May 2023 14:15

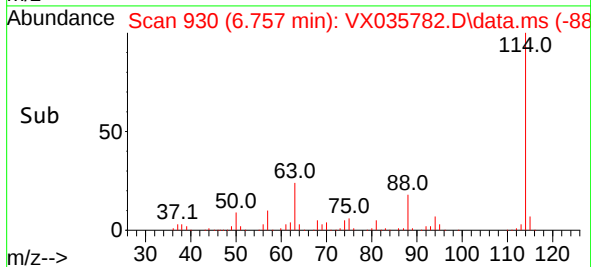
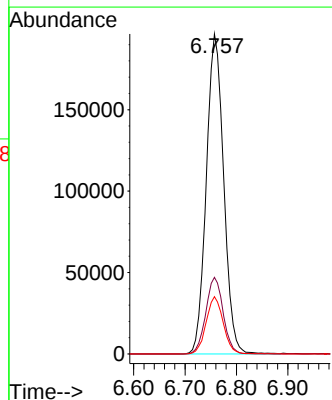
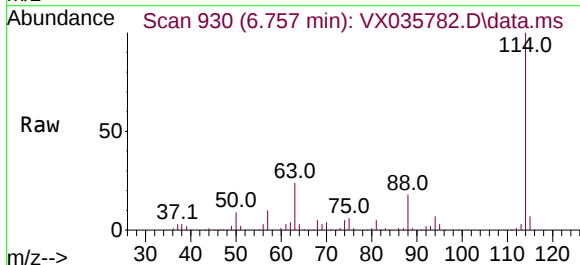
Instrument :
 MSVOA_X
 ClientSampleId :
 CB-14-G1-67-051023ME

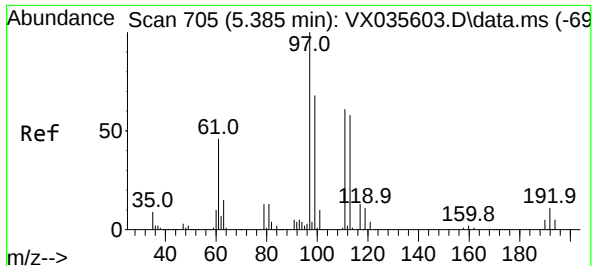
Tgt Ion: 65 Resp: 197375
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX035782.D
 Acq: 22 May 2023 14:15

Tgt Ion: 114 Resp: 461584
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 42.2
 88 17.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 43.821 ug/l

RT: 5.385 min Scan# 70

Delta R.T. 0.000 min

Lab File: VX035782.D

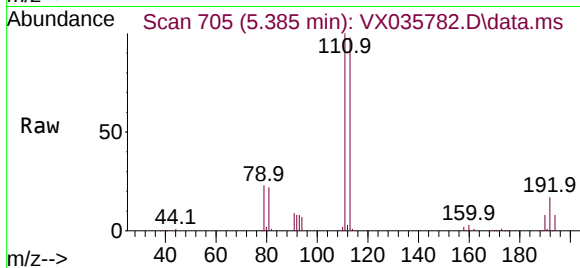
Acq: 22 May 2023 14:15

Instrument :

MSVOA_X

ClientSampleId :

CB-14-G1-67-051023ME



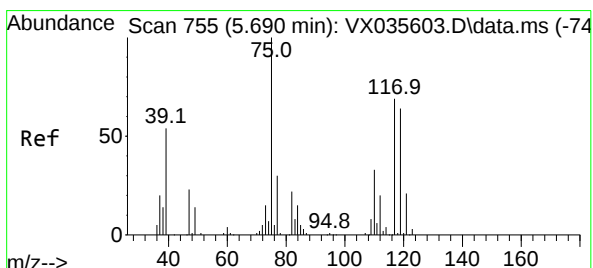
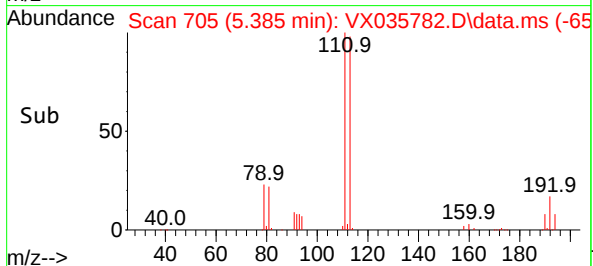
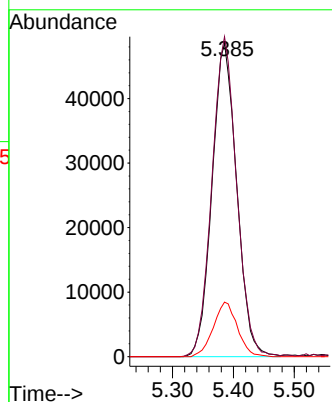
Tgt Ion:113 Resp: 136411

Ion Ratio Lower Upper

113 100

111 102.4 83.7 125.5

192 17.0 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.475 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.152 min

Lab File: VX035782.D

Acq: 22 May 2023 14:15

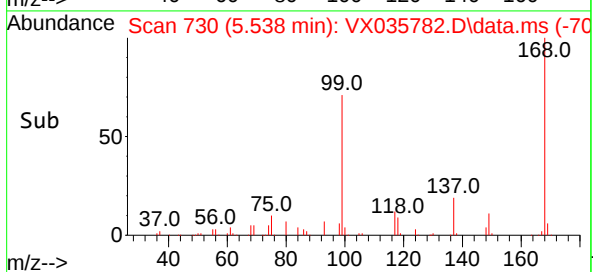
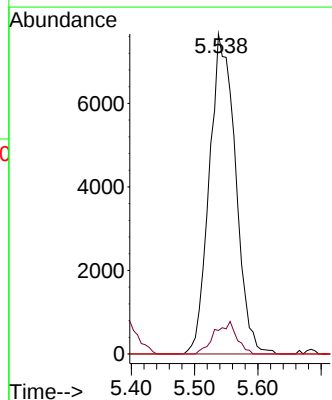
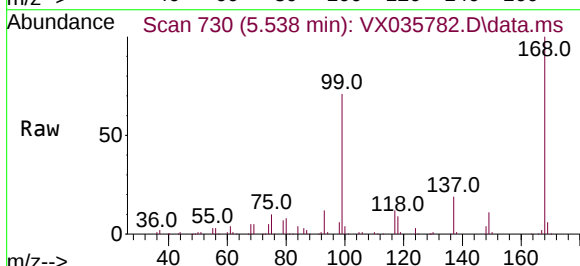
Tgt Ion: 75 Resp: 21990

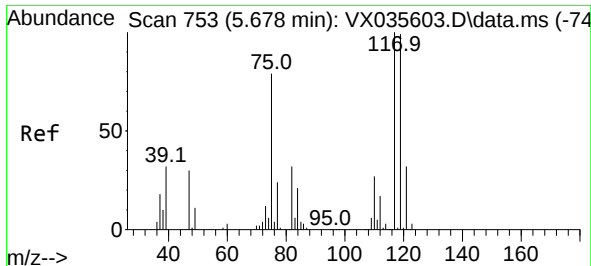
Ion Ratio Lower Upper

75 100

110 8.6 17.5 52.5#

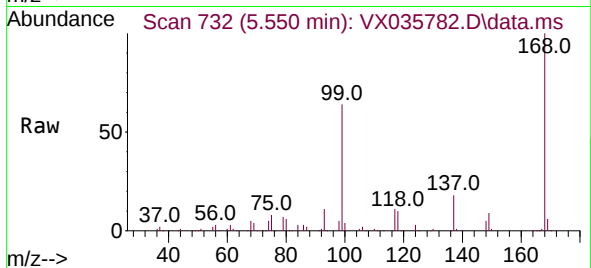
77 0.0 24.3 36.5#



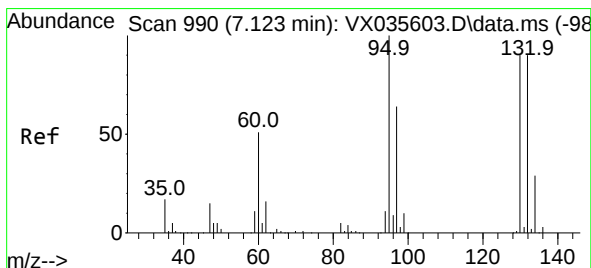
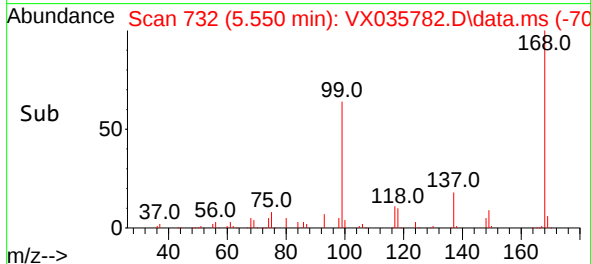
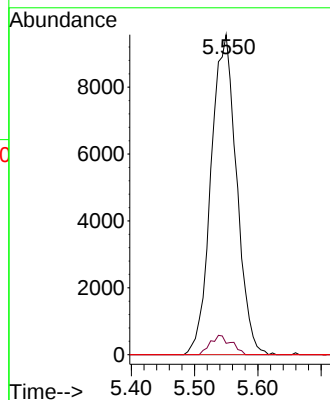


#38
Carbon Tetrachloride
Concen: 5.758 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX035782.D
Acq: 22 May 2023 14:15

Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-67-051023ME

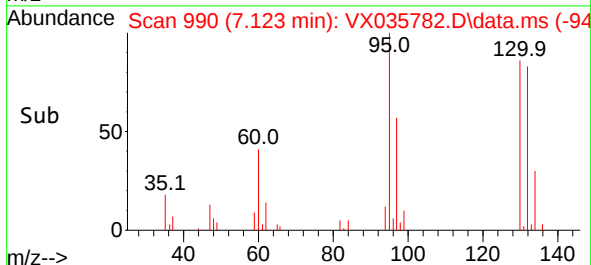
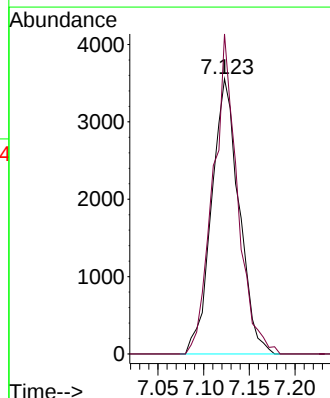
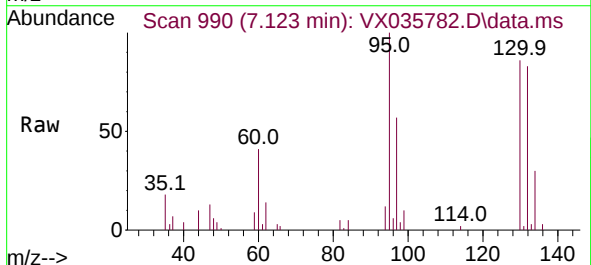


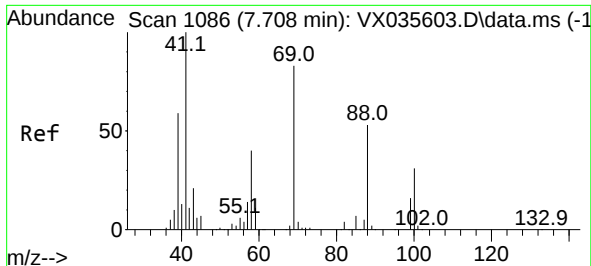
Tgt Ion:117 Resp: 26802
Ion Ratio Lower Upper
117 100
119 3.5 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 2.132 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035782.D
Acq: 22 May 2023 14:15

Tgt Ion:130 Resp: 7430
Ion Ratio Lower Upper
130 100
95 116.3 0.0 198.4





#49

1,4-Dioxane

Concen: 2.308 ug/l

RT: 7.842 min Scan# 1108

Delta R.T. 0.134 min

Lab File: VX035782.D

Acq: 22 May 2023 14:15

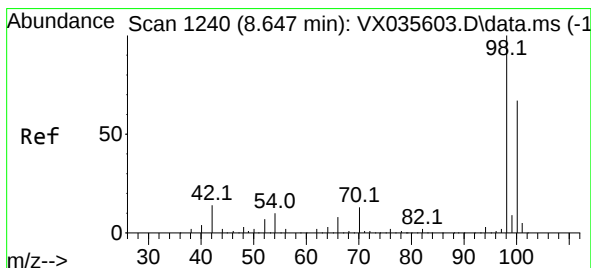
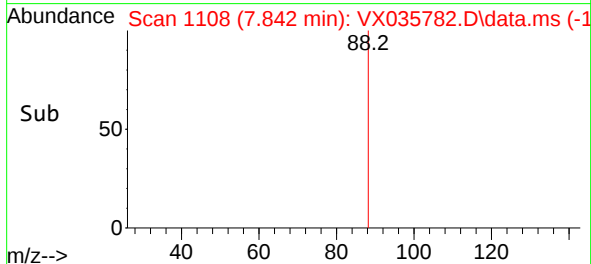
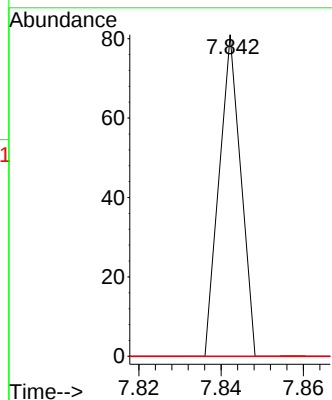
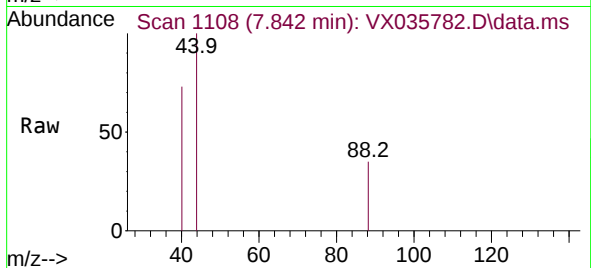
Instrument :

MSVOA_X

ClientSampleId :

CB-14-G1-67-051023ME

Tgt Ion: 88	Resp: 30
Ion Ratio	Lower Upper
88	100
43	0.0 27.7 41.5#
58	0.0 56.8 85.2#



#50

Toluene-d8

Concen: 46.693 ug/l

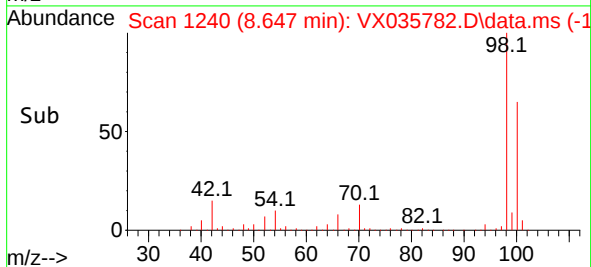
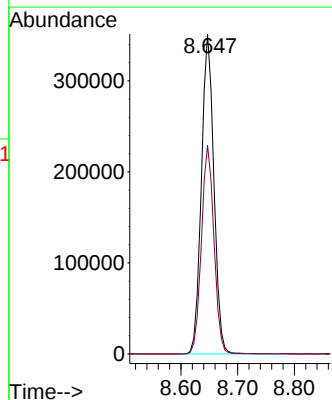
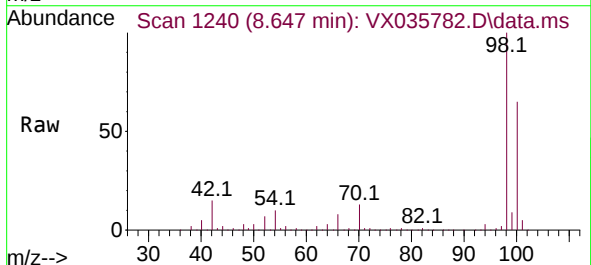
RT: 8.647 min Scan# 1240

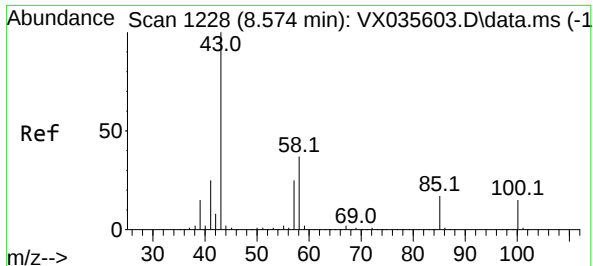
Delta R.T. -0.000 min

Lab File: VX035782.D

Acq: 22 May 2023 14:15

Tgt Ion: 98	Resp: 536963
Ion Ratio	Lower Upper
98	100
100	65.4 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.585 ug/l

RT: 8.641 min Scan# 1175

Delta R.T. 0.067 min

Lab File: VX035782.D

Acq: 22 May 2023 14:15

Instrument :

MSVOA_X

ClientSampleId :

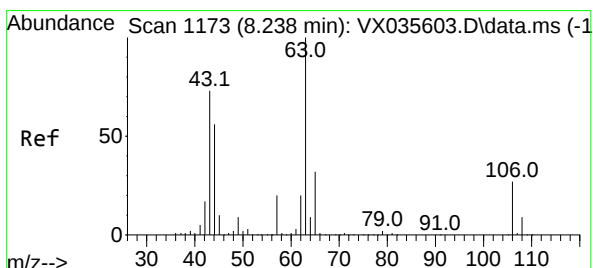
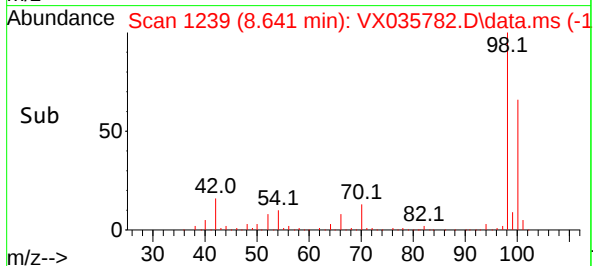
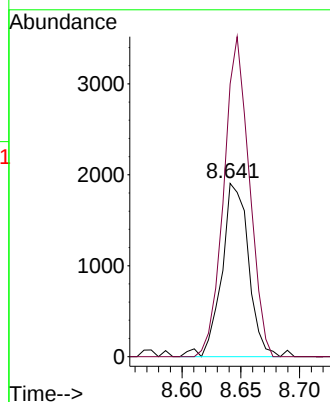
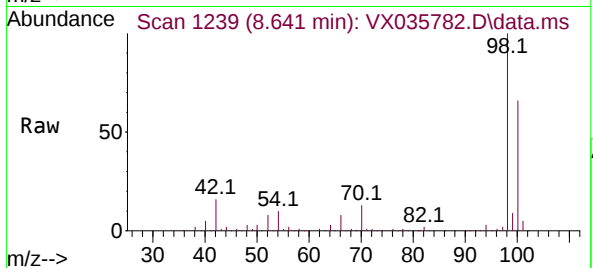
CB-14-G1-67-051023ME

Tgt Ion: 43 Resp: 3012

Ion Ratio Lower Upper

43 100

58 176.4 30.6 46.0#



#58

2-Chloroethyl Vinyl ether

Concen: 0.935 ug/l

RT: 8.251 min Scan# 1175

Delta R.T. 0.013 min

Lab File: VX035782.D

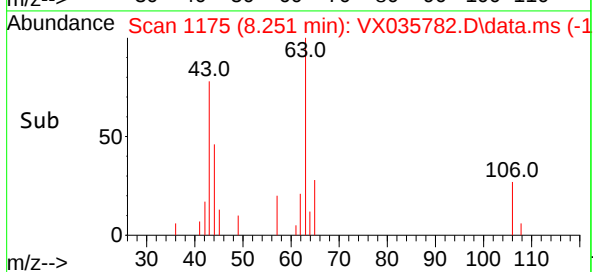
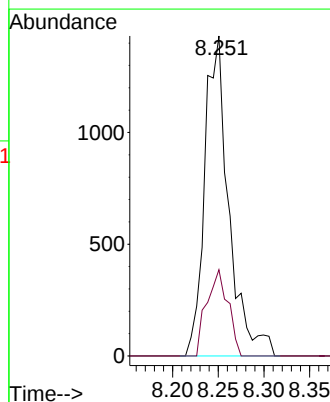
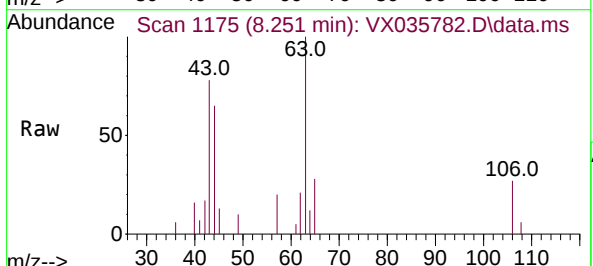
Acq: 22 May 2023 14:15

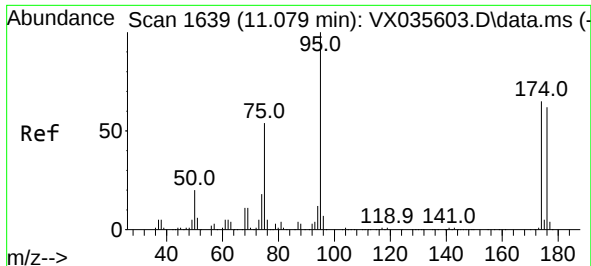
Tgt Ion: 63 Resp: 2626

Ion Ratio Lower Upper

63 100

106 23.8 22.2 33.2

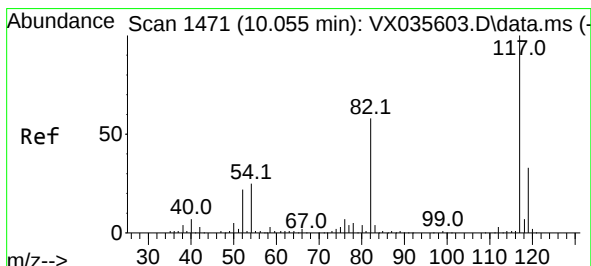
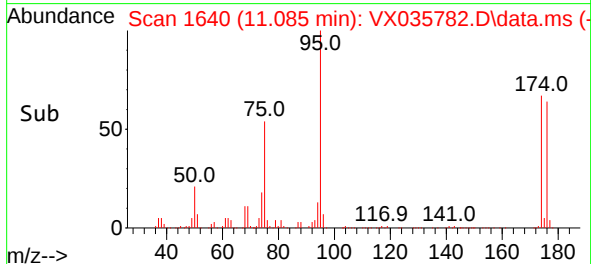
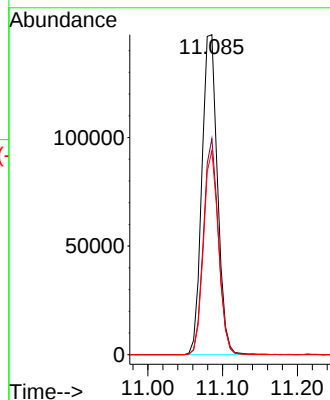
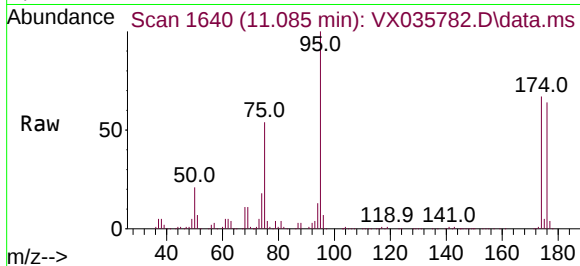




#62
4-Bromofluorobenzene
Concen: 46.131 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035782.D
Acq: 22 May 2023 14:15

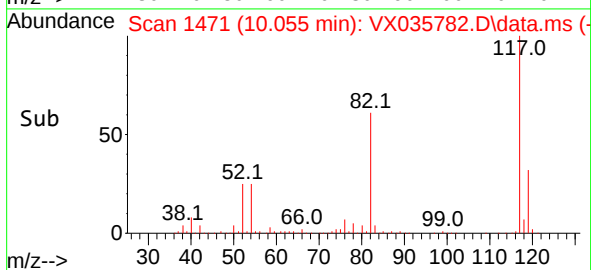
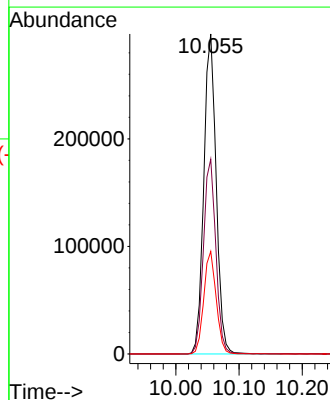
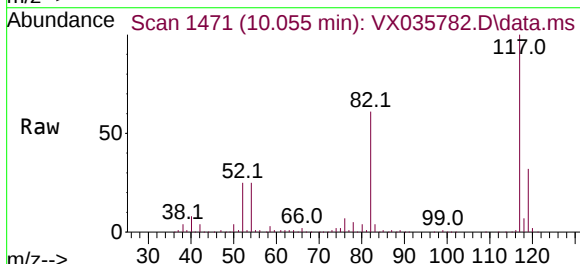
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-67-051023ME

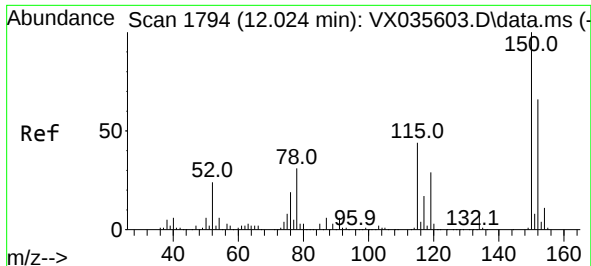
Tgt Ion: 95 Resp: 213601
Ion Ratio Lower Upper
95 100
174 64.3 0.0 147.4
176 61.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035782.D
Acq: 22 May 2023 14:15

Tgt Ion: 117 Resp: 405636
Ion Ratio Lower Upper
117 100
82 60.8 45.0 67.4
119 32.0 26.0 39.0

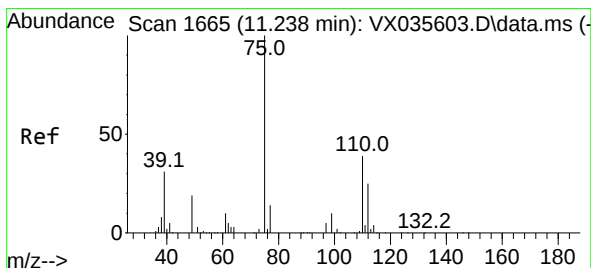
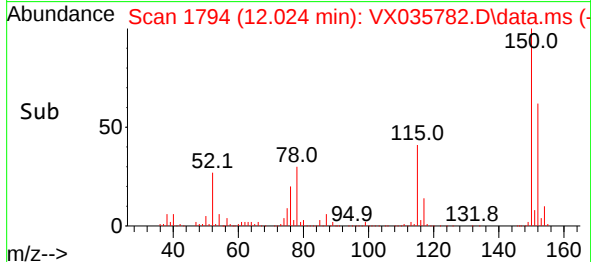
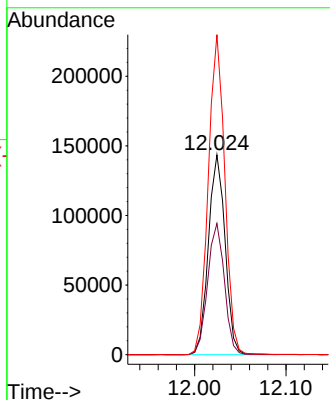
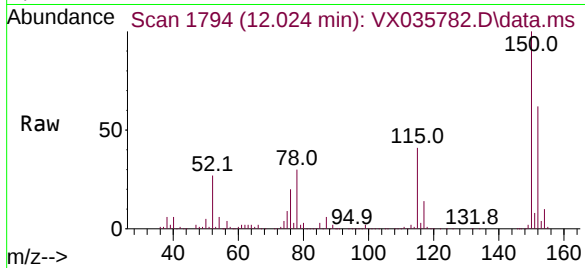




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035782.D
Acq: 22 May 2023 14:15

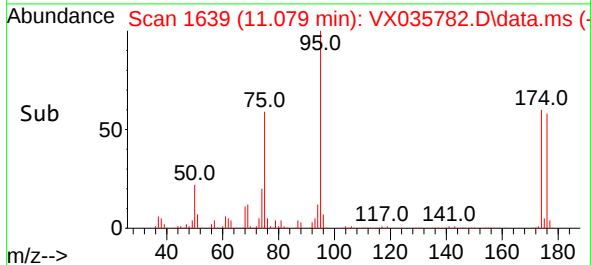
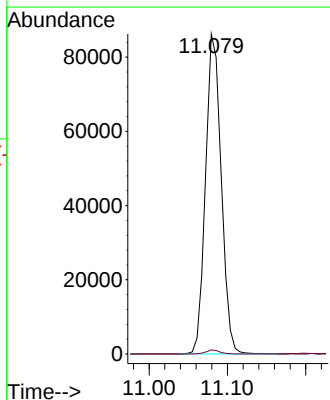
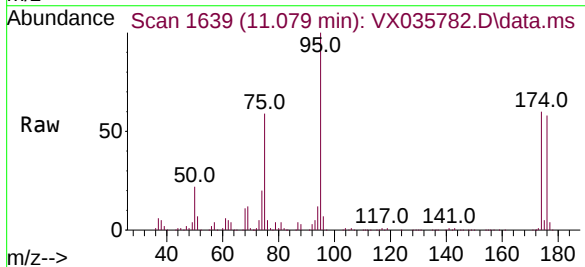
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-67-051023ME

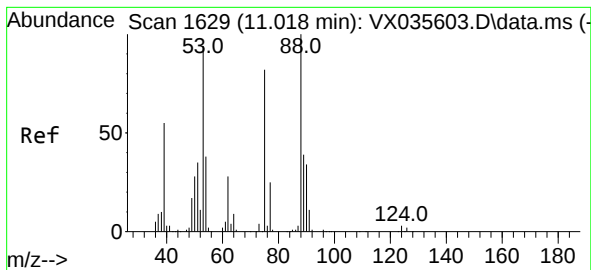
Tgt Ion:152 Resp: 181972
Ion Ratio Lower Upper
152 100
115 65.9 45.0 135.0
150 158.0 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 26.945 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035782.D
Acq: 22 May 2023 14:15

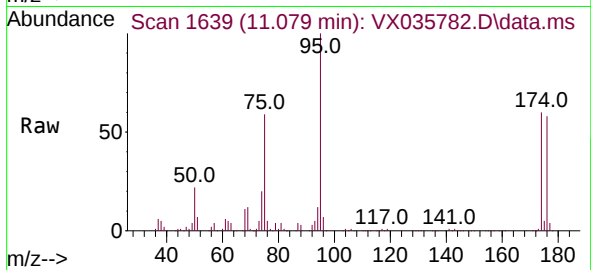
Tgt Ion: 75 Resp: 119935
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.840 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX035782.D
 Acq: 22 May 2023 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-14-G1-67-051023ME



Tgt Ion: 75 Resp: 119935
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

