

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051823\
 Data File : VX035738.D
 Acq On : 18 May 2023 13:25
 Operator : JC/MD
 Sample : 02723-05ME
 Misc : 5.04g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 19 05:46:19 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)

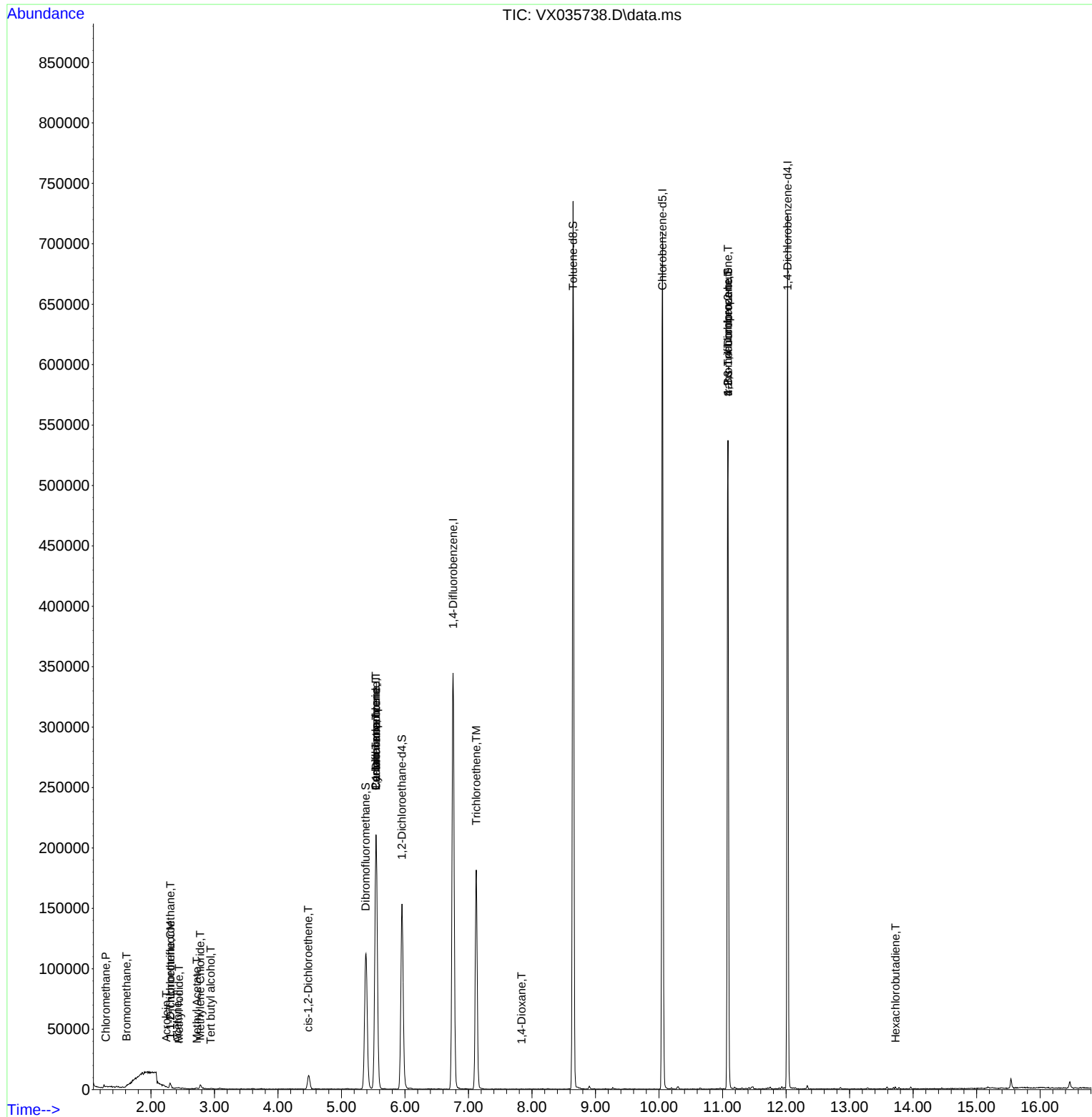
Internal Standards						
1) Pentafluorobenzene	5.544	168	176893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	332215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	304566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	151180	48.990	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.980%
35) Dibromofluoromethane	5.379	113	100309	44.772	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.540%
50) Toluene-d8	8.647	98	403580	48.761	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.520%
62) 4-Bromofluorobenzene	11.085	95	162156	48.658	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.320%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	671	0.240	ug/l #	85
5) Bromomethane	1.618	94	483	0.376	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.306	101	931	0.449	ug/l	99
10) Methyl Iodide	2.441	142	499	0.269	ug/l #	72
11) Tert butyl alcohol	2.940	59	218	0.400	ug/l #	73
12) 1,1-Dichloroethene	2.306	96	672	0.341	ug/l #	48
13) Acrolein	2.239	56	223	0.345	ug/l #	55
16) Acetone	2.416	43	1283	0.967	ug/l #	72
18) Methyl Acetate	2.721	43	1168	0.239	ug/l	96
20) Methylene Chloride	2.776	84	1771	0.737	ug/l	92
27) cis-1,2-Dichloroethene	4.477	96	6481	2.498	ug/l	99
31) Cyclohexane	5.544	56	4903	1.258	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	17444	4.933	ug/l #	50
38) Carbon Tetrachloride	5.544	117	20522	6.126	ug/l #	15
44) Trichloroethene	7.123	130	66807	26.632	ug/l	97
49) 1,4-Dioxane	7.836	88	57	2.810	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	88578	26.899	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	88578	86.691	ug/l #	8
94) Hexachlorobutadiene	13.725	225	282	0.246	ug/l	82

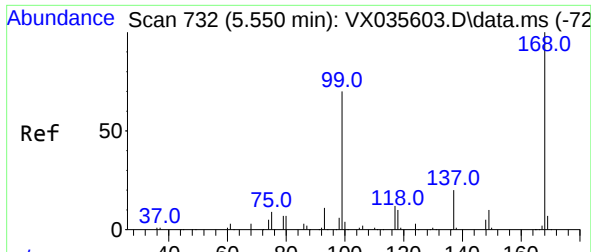
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051823\
Data File : VX035738.D
Acq On : 18 May 2023 13:25
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Sample : 02723-05ME
Misc : 5.04g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

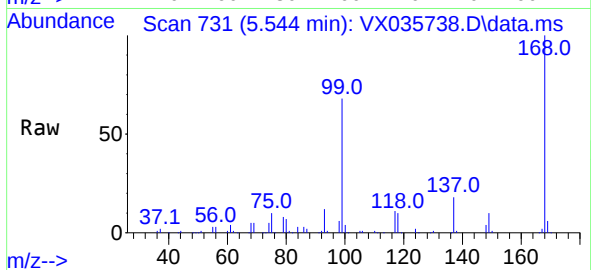
Quant Time: May 19 05:46:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration



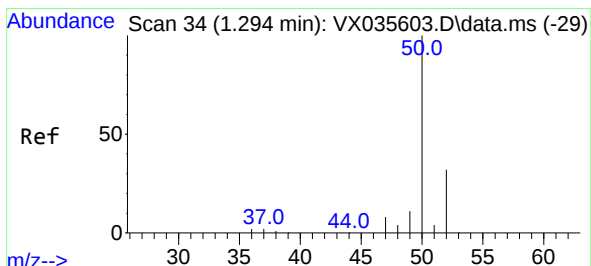
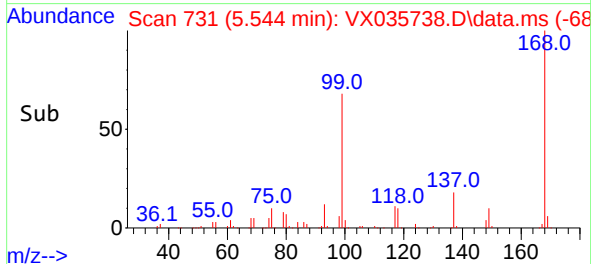
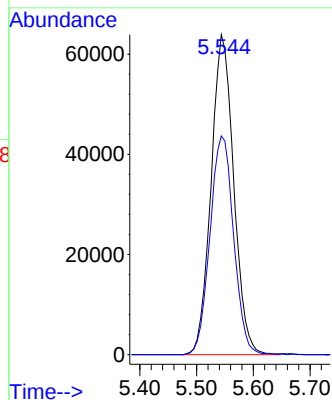


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX035738.D
Acq: 18 May 2023 13:25

Instrument :
MSVOA_X
ClientSampleId :

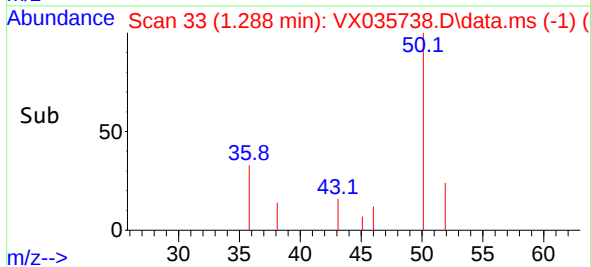
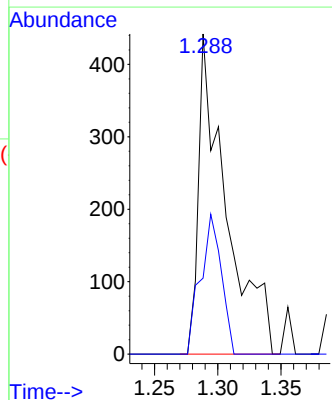
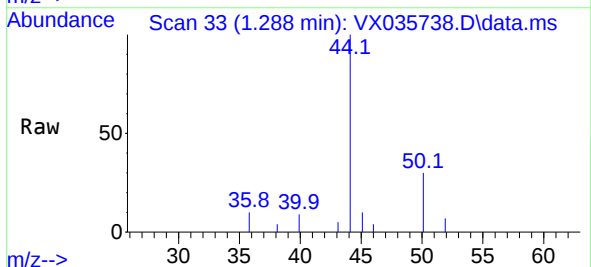


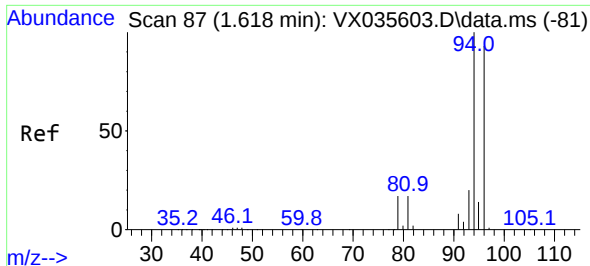
Tgt Ion:168 Resp: 176893
Ion Ratio Lower Upper
168 100
99 68.4 45.7 68.5



#3
Chloromethane
Concen: 0.240 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX035738.D
Acq: 18 May 2023 13:25

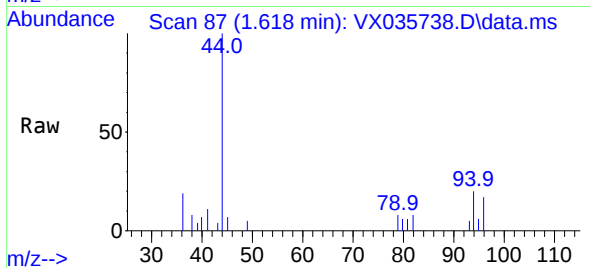
Tgt Ion: 50 Resp: 671
Ion Ratio Lower Upper
50 100
52 23.8 25.9 38.9#



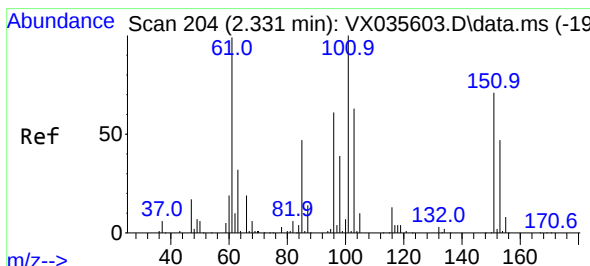
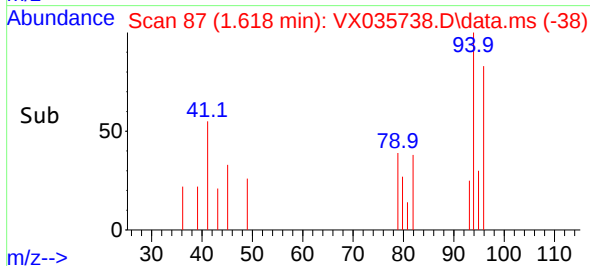
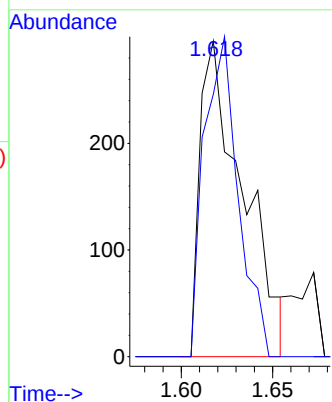


#5
Bromomethane
Concen: 0.376 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035738.D
Acq: 18 May 2023 13:25

Instrument :
MSVOA_X
ClientSampleId :

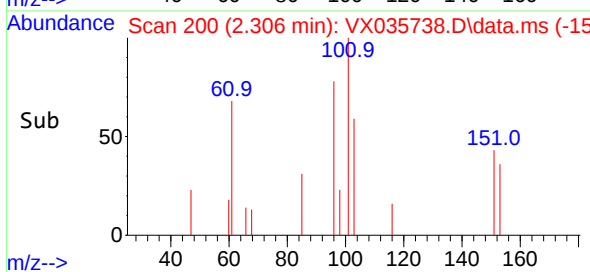
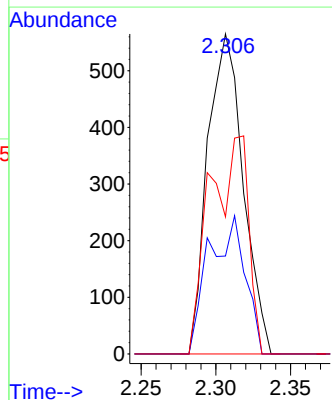
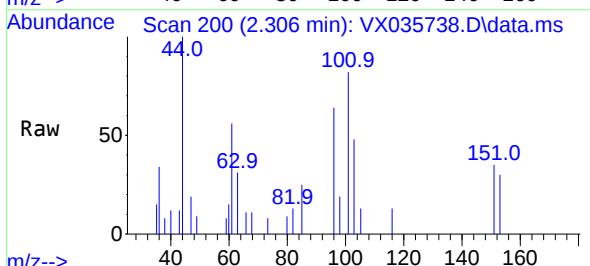


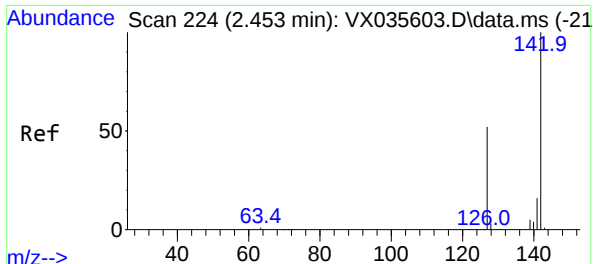
Tgt Ion: 94 Resp: 483
Ion Ratio Lower Upper
94 100
96 83.1 77.0 115.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.449 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.025 min
Lab File: VX035738.D
Acq: 18 May 2023 13:25

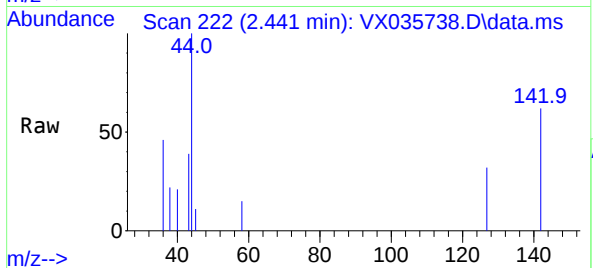
Tgt Ion: 101 Resp: 931
Ion Ratio Lower Upper
101 100
85 44.0 35.4 53.2
151 73.7 60.2 90.4



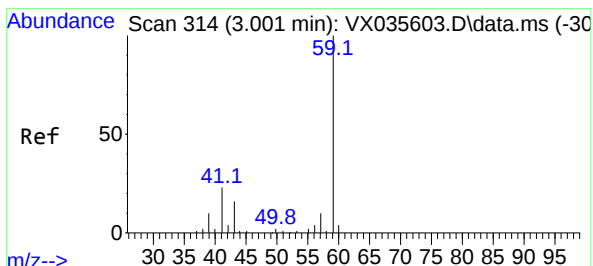
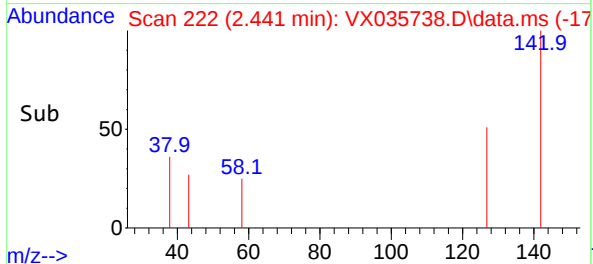
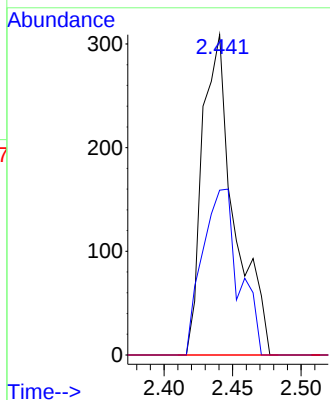


#10
Methyl Iodide
Concen: 0.269 ug/l
RT: 2.441 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX035738.D
Acq: 18 May 2023 13:25

Instrument :
MSVOA_X
ClientSampleId :

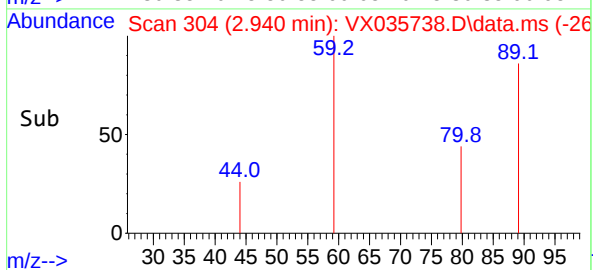
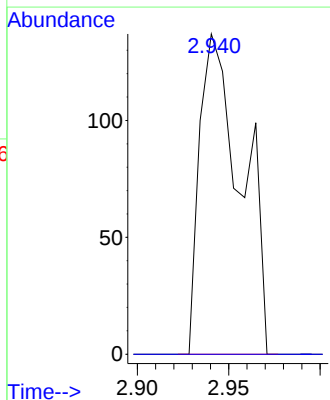
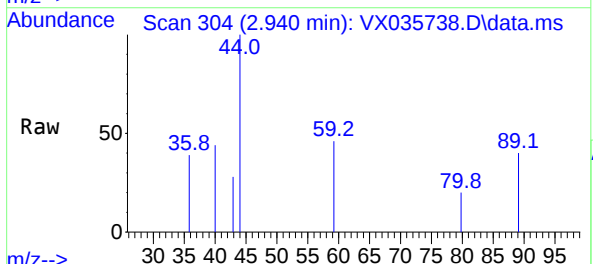


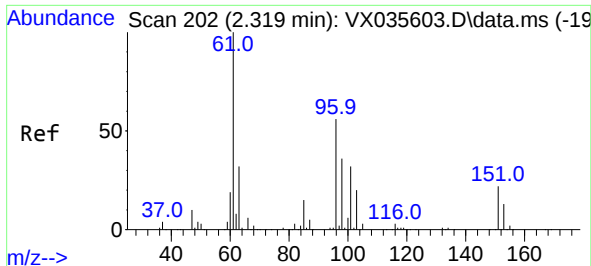
Tgt Ion:142 Resp: 499
Ion Ratio Lower Upper
142 100
127 59.3 34.0 51.0#
141 0.0 11.1 16.7#



#11
Tert butyl alcohol
Concen: 0.400 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.061 min
Lab File: VX035738.D
Acq: 18 May 2023 13:25

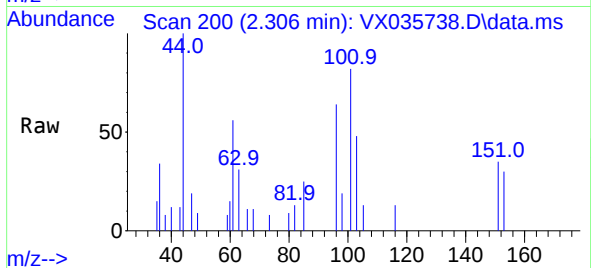
Tgt Ion: 59 Resp: 218
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



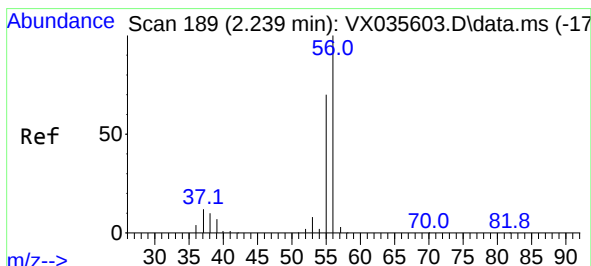
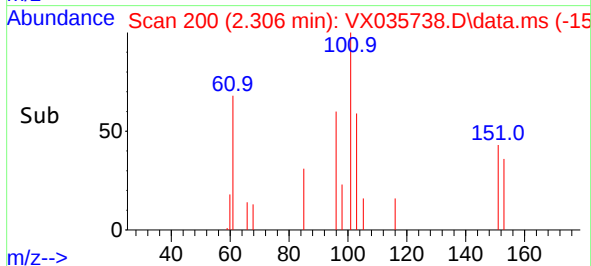
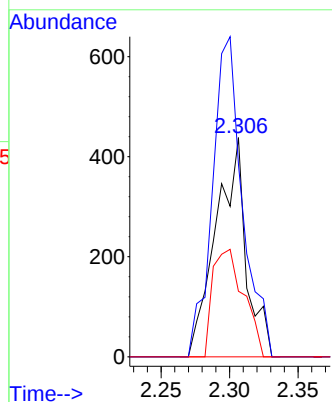


#12
1,1-Dichloroethene
Concen: 0.341 ug/l
RT: 2.306 min Scan# 20
Delta R.T. -0.013 min
Lab File: VX035738.D
Acq: 18 May 2023 13:25

Instrument :
MSVOA_X
ClientSampleId :

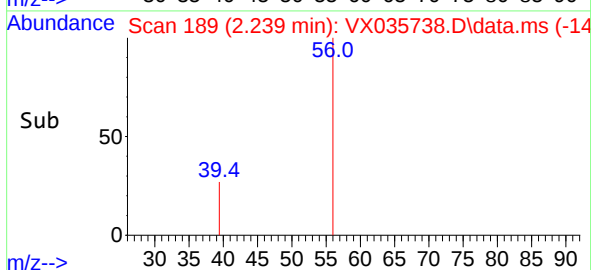
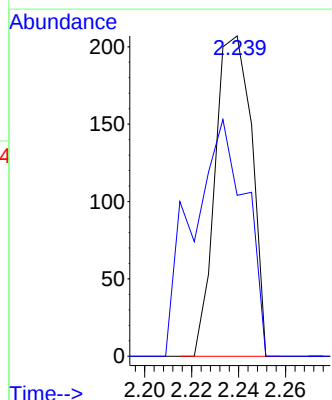
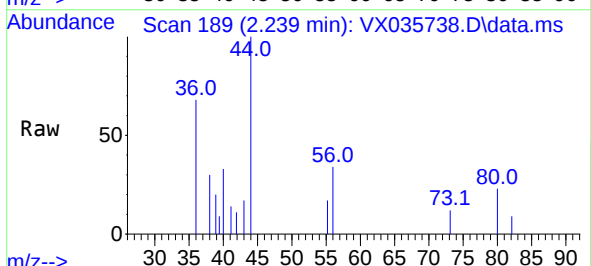


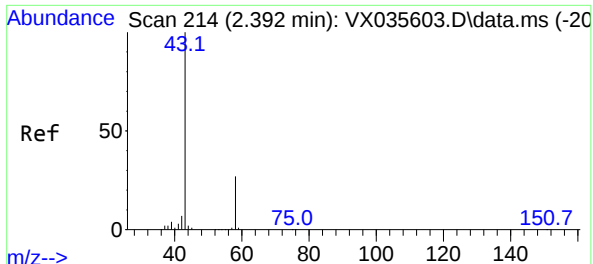
Tgt Ion: 96 Resp: 672
Ion Ratio Lower Upper
96 100
61 87.9 128.8 193.2#
98 29.9 51.4 77.0#



#13
Acrolein
Concen: 0.345 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035738.D
Acq: 18 May 2023 13:25

Tgt Ion: 56 Resp: 223
Ion Ratio Lower Upper
56 100
55 107.6 56.6 85.0#





#16

Acetone

Concen: 0.967 ug/l

RT: 2.416 min Scan# 21

Delta R.T. 0.024 min

Lab File: VX035738.D

Acq: 18 May 2023 13:25

Instrument :

MSVOA_X

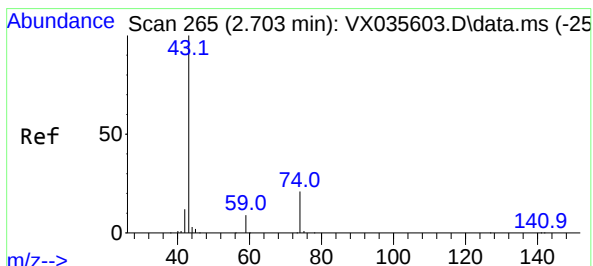
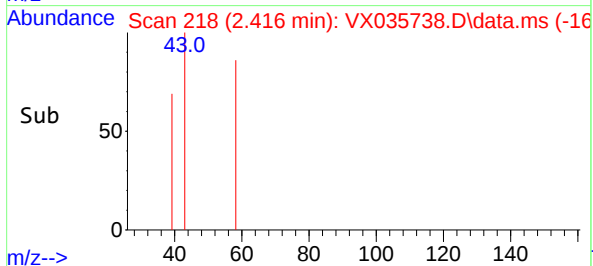
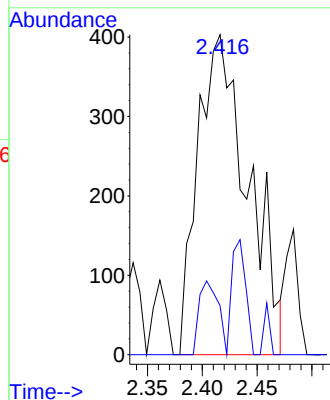
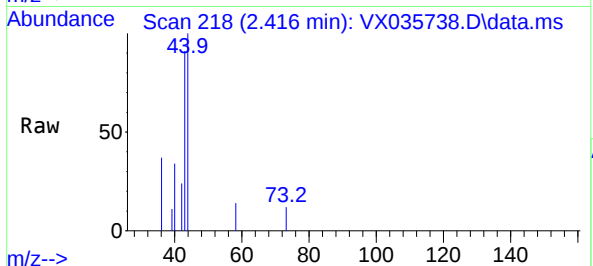
ClientSampleId :

Tgt Ion: 43 Resp: 1283

Ion Ratio Lower Upper

43 100

58 15.4 24.7 37.1#



#18

Methyl Acetate

Concen: 0.239 ug/l

RT: 2.721 min Scan# 268

Delta R.T. 0.018 min

Lab File: VX035738.D

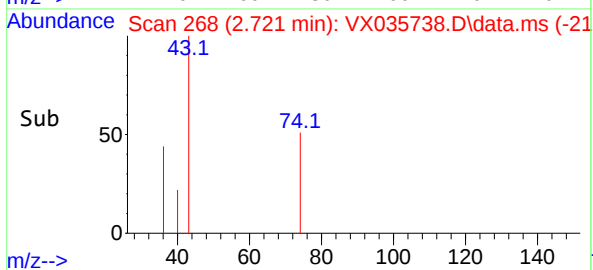
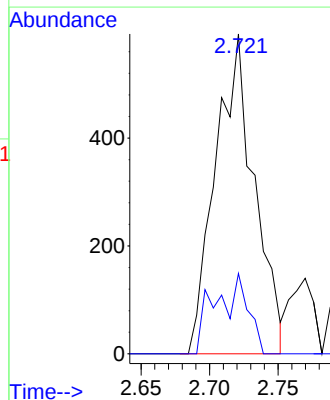
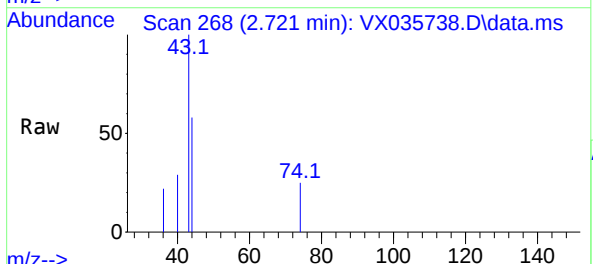
Acq: 18 May 2023 13:25

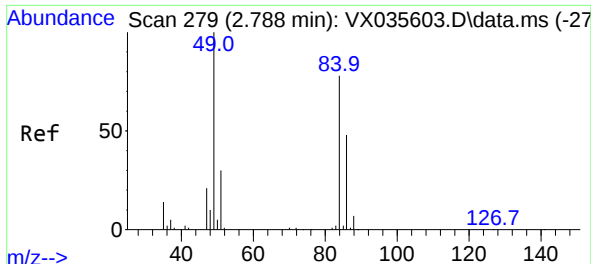
Tgt Ion: 43 Resp: 1168

Ion Ratio Lower Upper

43 100

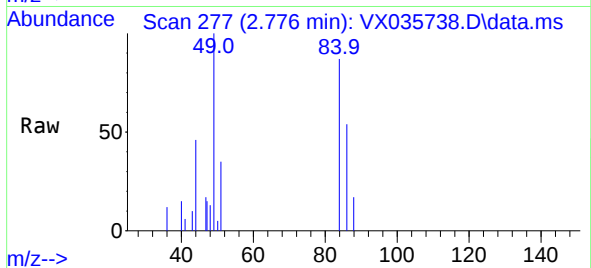
74 21.1 18.3 27.5





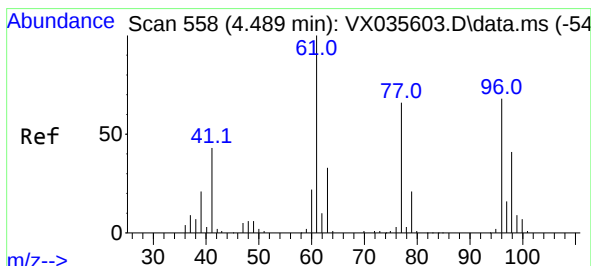
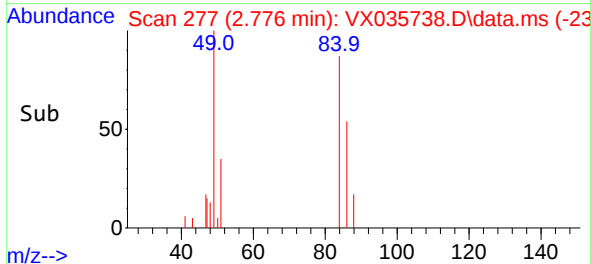
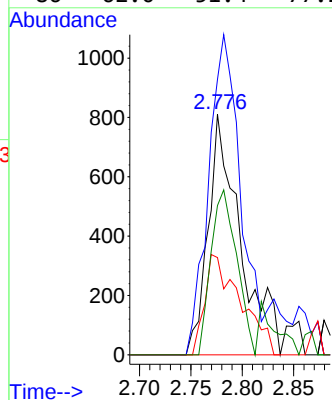
#20
Methylene Chloride
Concen: 0.737 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX035738.D
Acq: 18 May 2023 13:25

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1771

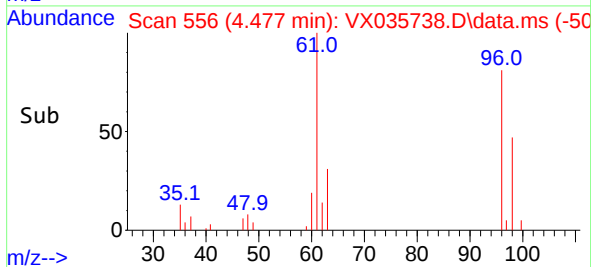
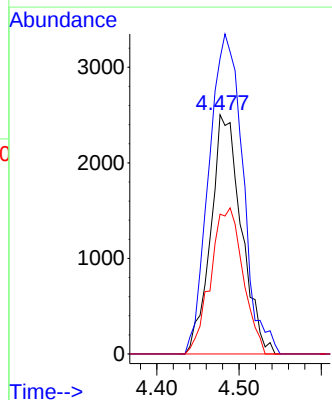
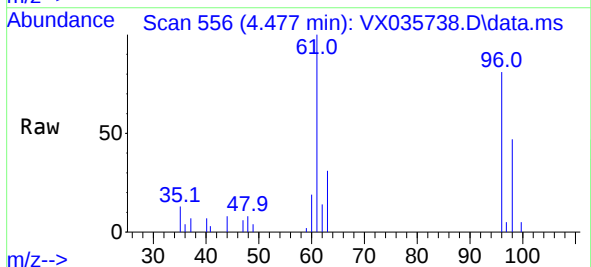
Ion	Ratio	Lower	Upper
84	100		
49	114.4	103.8	155.8
51	40.4	31.8	47.8
86	62.0	51.4	77.2

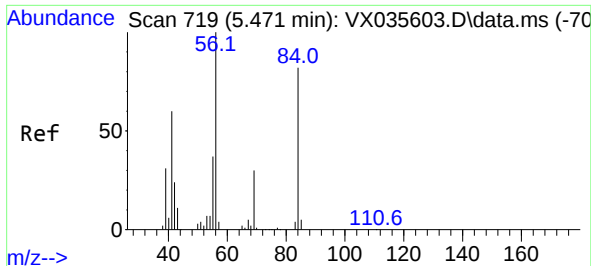


#27
cis-1,2-Dichloroethene
Concen: 2.498 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.012 min
Lab File: VX035738.D
Acq: 18 May 2023 13:25

Tgt Ion: 96 Resp: 6481

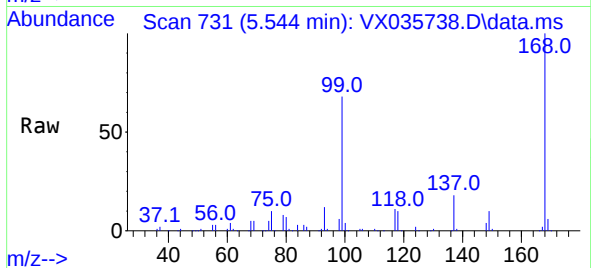
Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	300.4
98	64.5	0.0	129.0



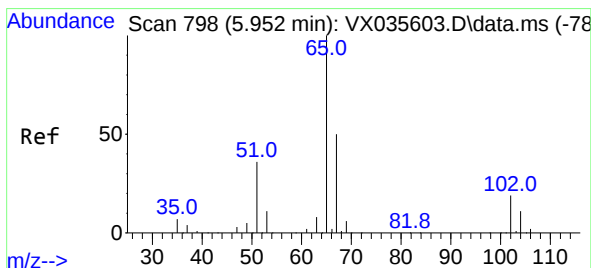
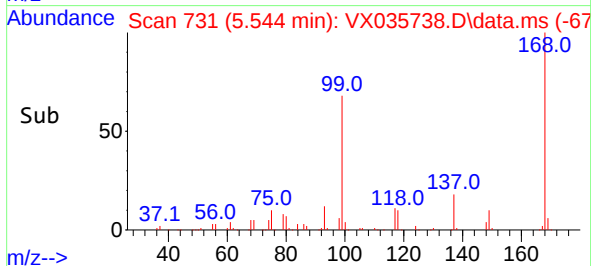
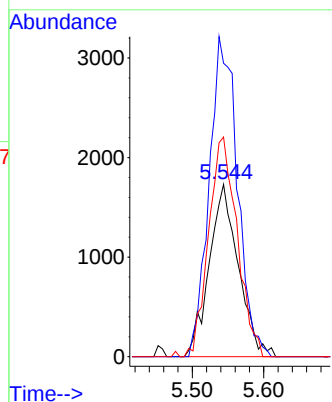


#31
Cyclohexane
Concen: 1.258 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX035738.D
Acq: 18 May 2023 13:25

Instrument :
MSVOA_X
ClientSampleId :

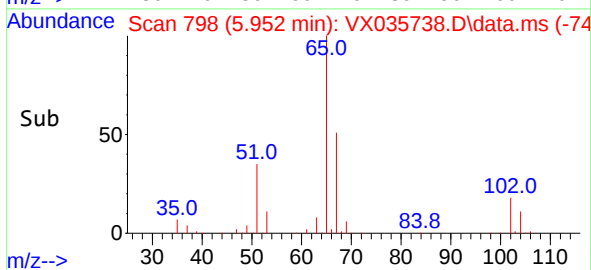
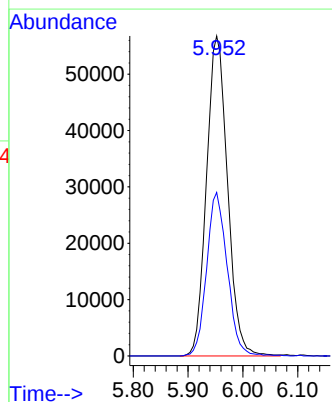
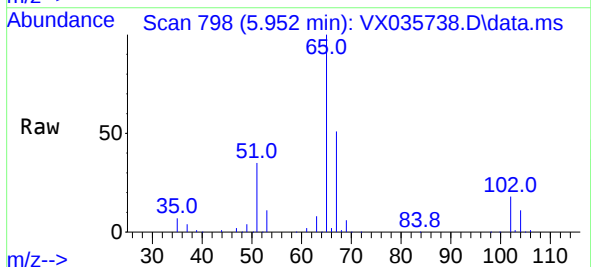


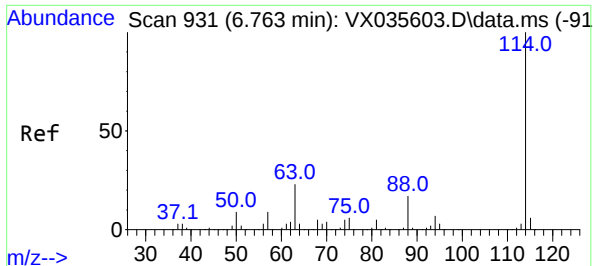
Tgt Ion: 56 Resp: 4903
Ion Ratio Lower Upper
56 100
69 170.3 23.7 35.5#
84 127.5 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.990 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035738.D
Acq: 18 May 2023 13:25

Tgt Ion: 65 Resp: 151180
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX035738.D

Acq: 18 May 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :

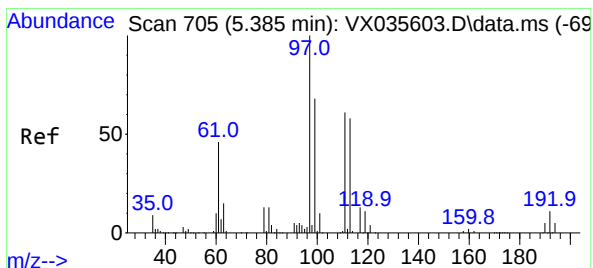
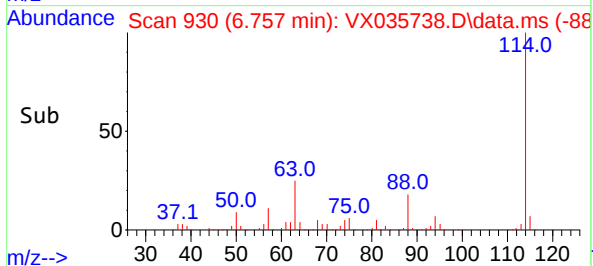
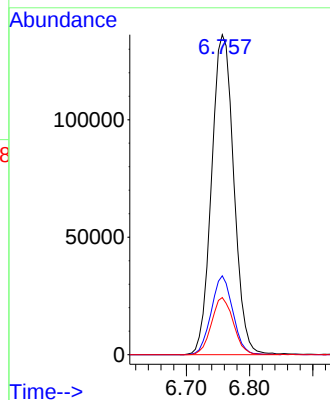
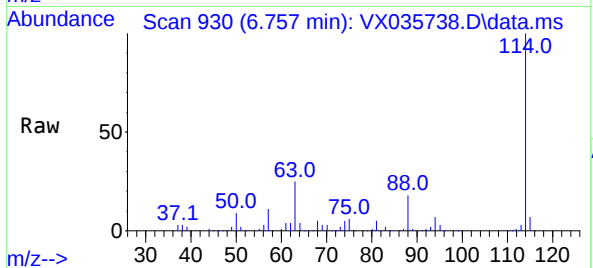
Tgt Ion:114 Resp: 332215

Ion Ratio Lower Upper

114 100

63 24.6 0.0 42.2

88 17.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 44.772 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX035738.D

Acq: 18 May 2023 13:25

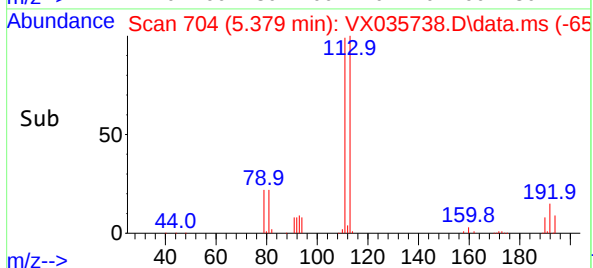
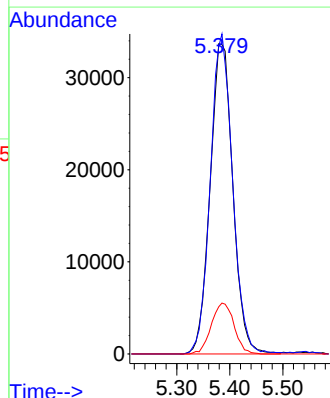
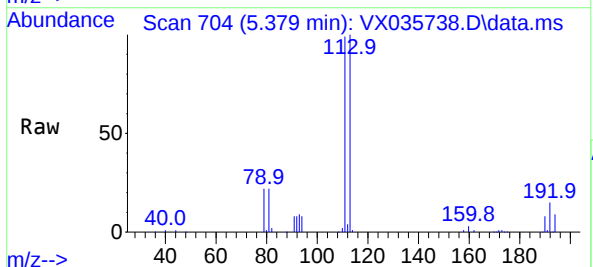
Tgt Ion:113 Resp: 100309

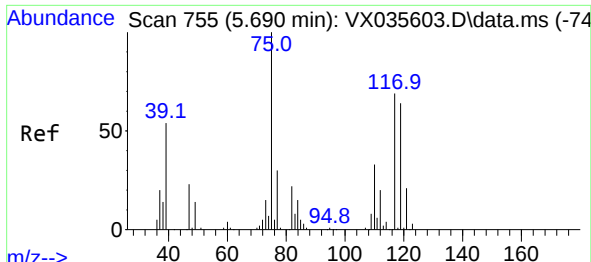
Ion Ratio Lower Upper

113 100

111 101.2 83.7 125.5

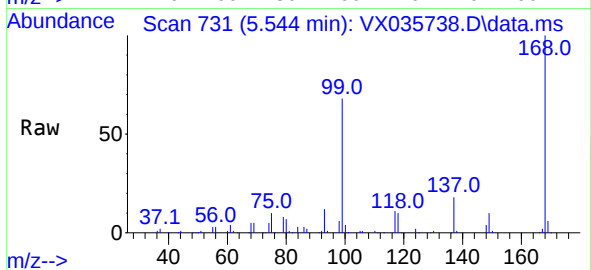
192 16.4 15.4 23.2



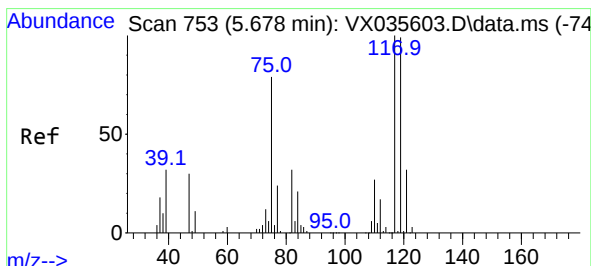
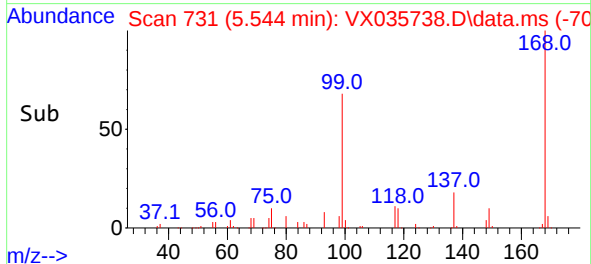
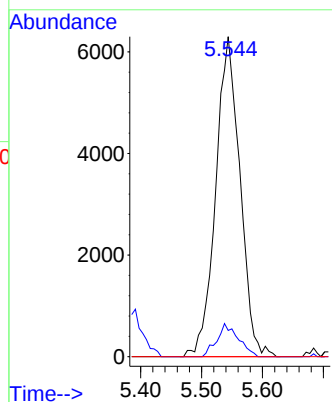


#36
1,1-Dichloropropene
Concen: 4.933 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX035738.D
Acq: 18 May 2023 13:25

Instrument :
MSVOA_X
ClientSampleId :

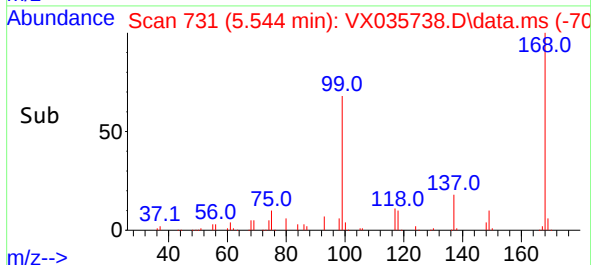
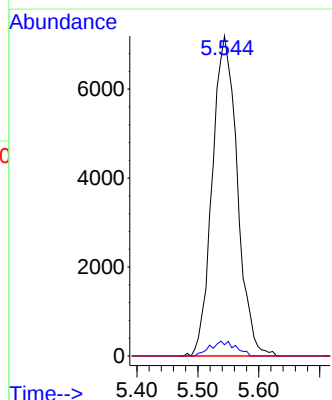
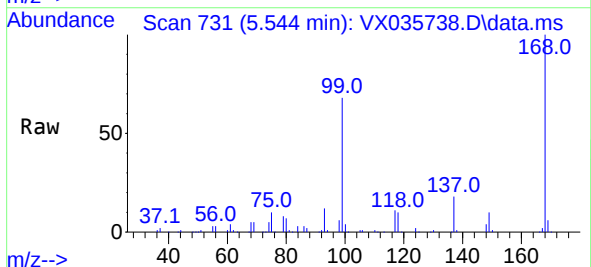


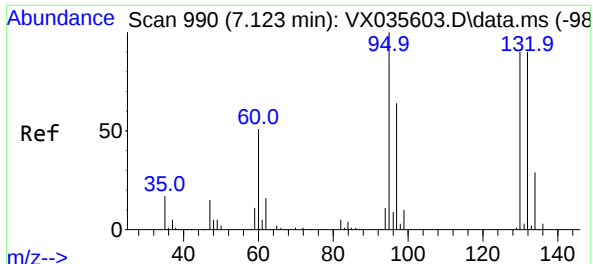
Tgt Ion: 75 Resp: 17444
Ion Ratio Lower Upper
75 100
110 9.1 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.126 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX035738.D
Acq: 18 May 2023 13:25

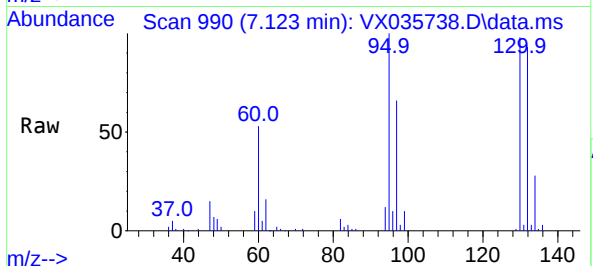
Tgt Ion: 117 Resp: 20522
Ion Ratio Lower Upper
117 100
119 3.5 76.6 114.8#
121 0.0 23.8 35.6#



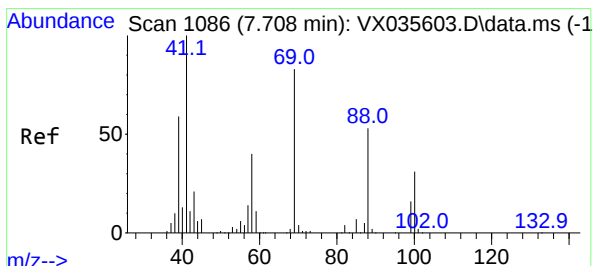
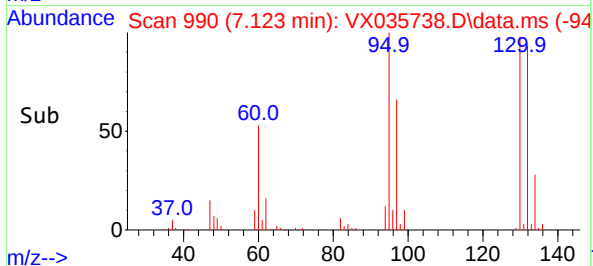
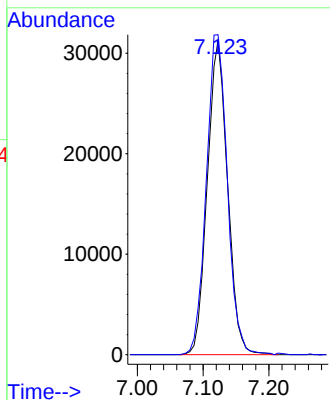


#44
Trichloroethene
Concen: 26.632 ug/l
RT: 7.123 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX035738.D
Acq: 18 May 2023 13:25

Instrument :
MSVOA_X
ClientSampleId :

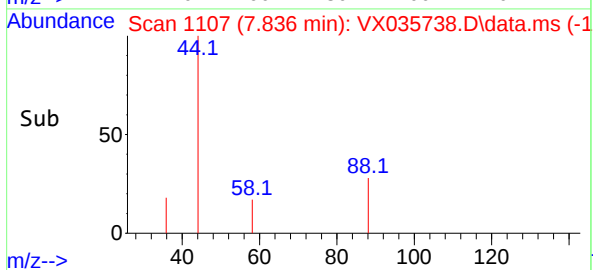
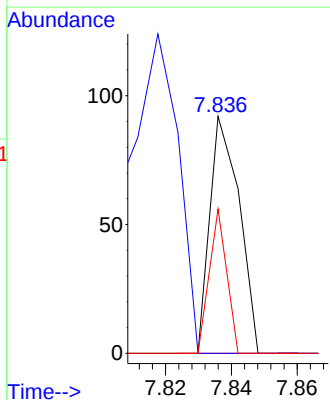
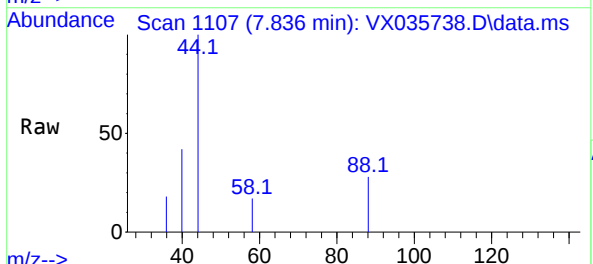


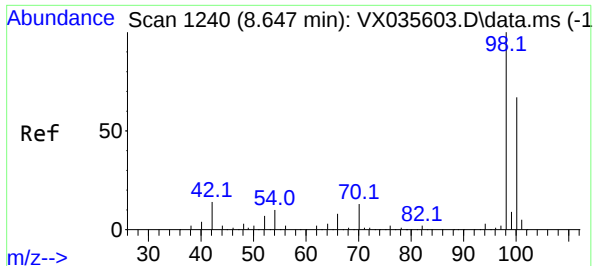
Tgt Ion:130 Resp: 66807
Ion Ratio Lower Upper
130 100
95 102.0 0.0 198.4



#49
1,4-Dioxane
Concen: 2.810 ug/l
RT: 7.836 min Scan# 1107
Delta R.T. 0.128 min
Lab File: VX035738.D
Acq: 18 May 2023 13:25

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 229.8 27.7 41.5#
58 35.1 56.8 85.2#

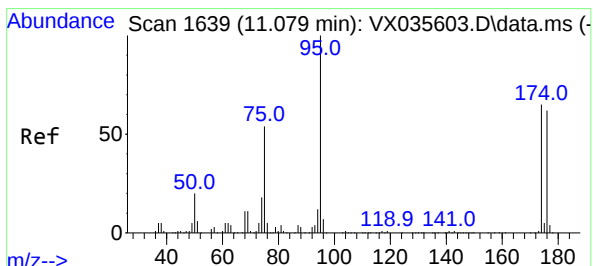
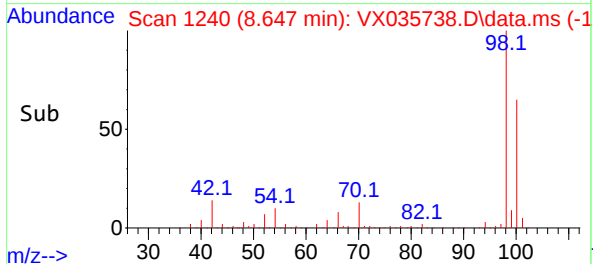
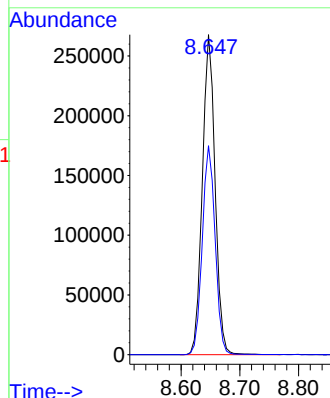
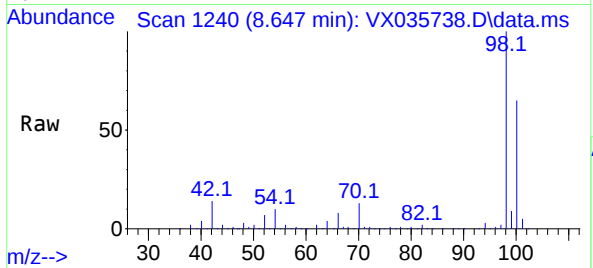




#50
Toluene-d8
Concen: 48.761 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035738.D
Acq: 18 May 2023 13:25

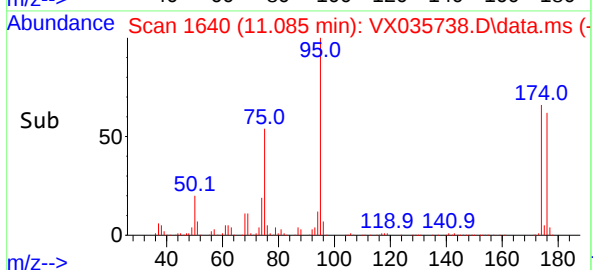
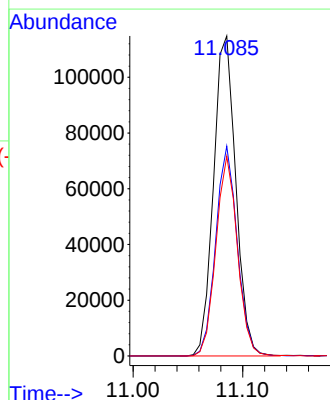
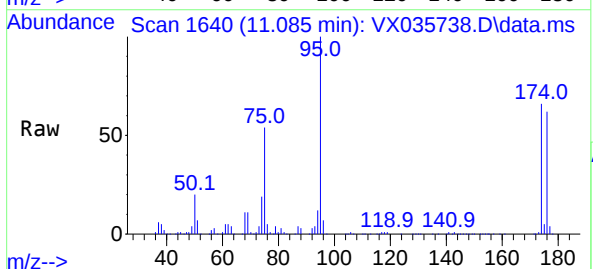
Instrument :
MSVOA_X
ClientSampleId :

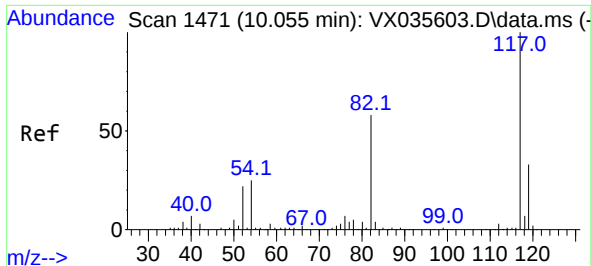
Tgt Ion: 98 Resp: 403580
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.658 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035738.D
Acq: 18 May 2023 13:25

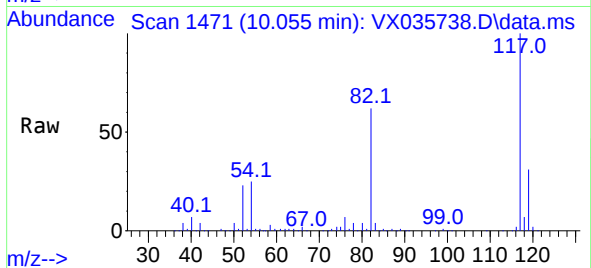
Tgt Ion: 95 Resp: 162156
Ion Ratio Lower Upper
95 100
174 63.6 0.0 147.4
176 60.2 0.0 140.6



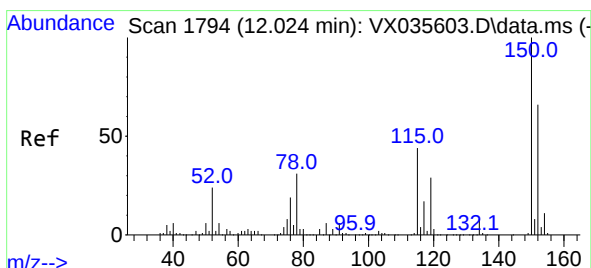
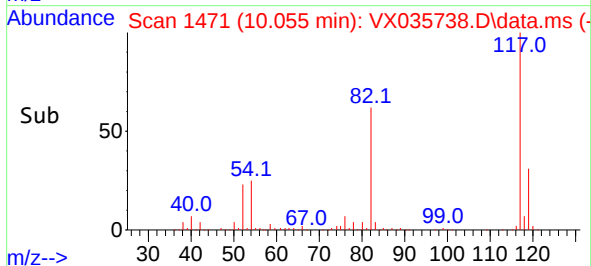
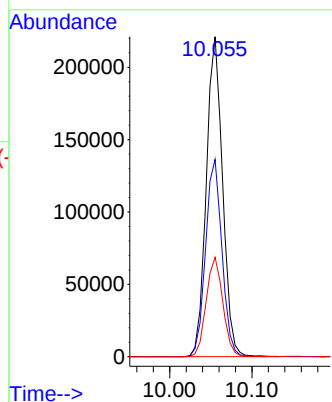


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035738.D
Acq: 18 May 2023 13:25

Instrument :
MSVOA_X
ClientSampleId :

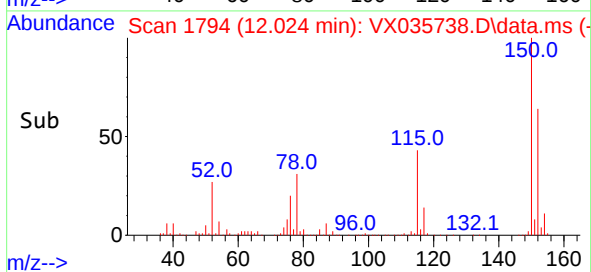
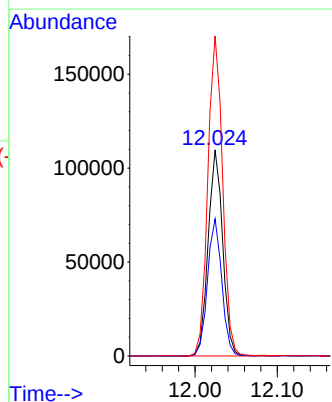
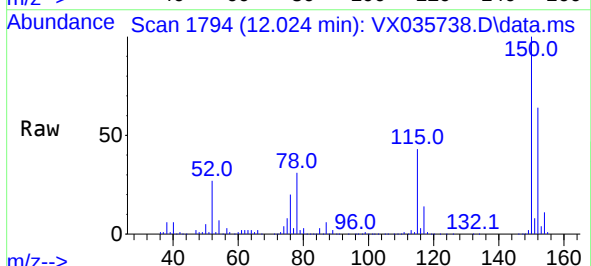


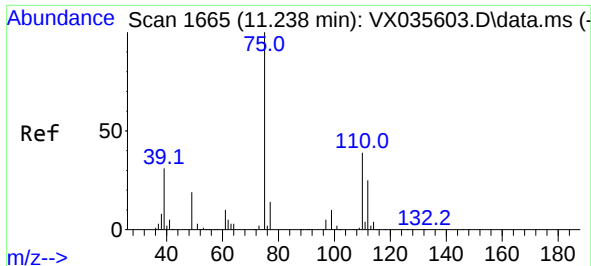
Tgt Ion:117 Resp: 304566
Ion Ratio Lower Upper
117 100
82 61.7 45.0 67.4
119 31.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035738.D
Acq: 18 May 2023 13:25

Tgt Ion:152 Resp: 134627
Ion Ratio Lower Upper
152 100
115 65.4 45.0 135.0
150 157.4 0.0 352.4

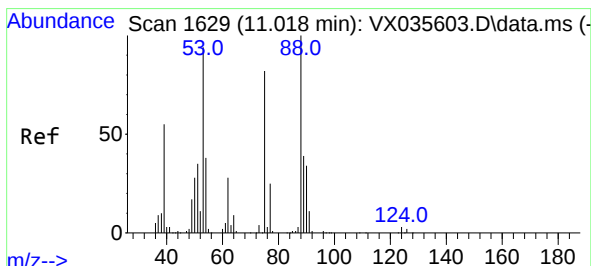
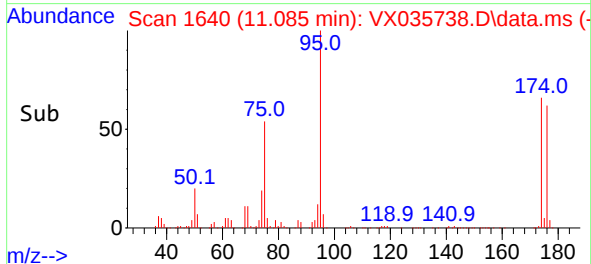
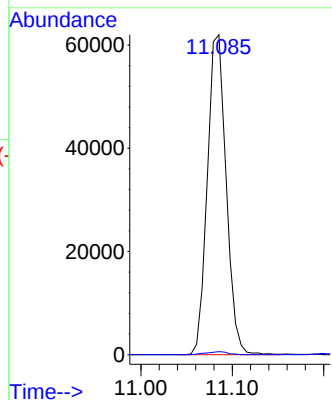
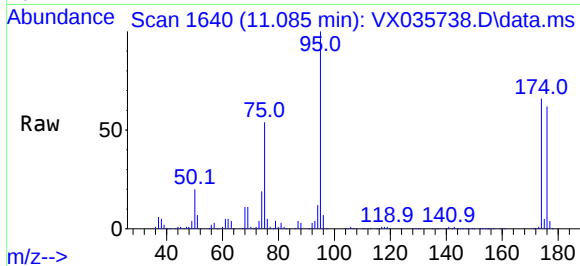




#76
1,2,3-Trichloropropane
Concen: 26.899 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX035738.D
Acq: 18 May 2023 13:25

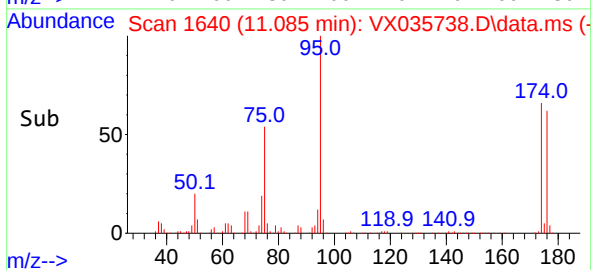
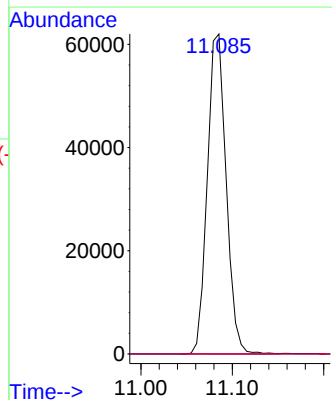
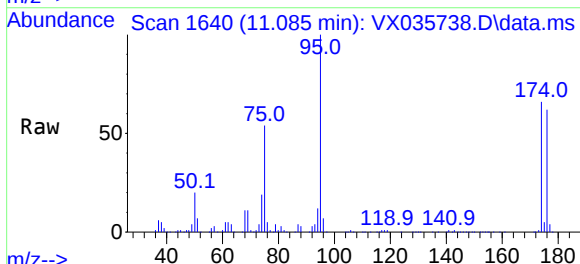
Instrument :
MSVOA_X
ClientSampleId :

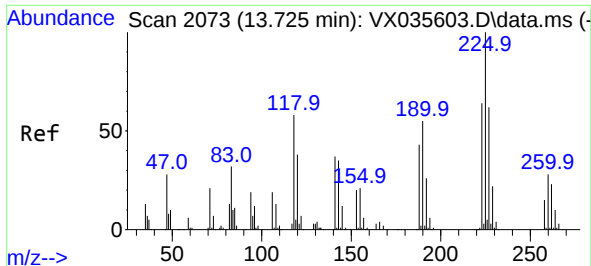
Tgt Ion: 75 Resp: 88578
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.691 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX035738.D
Acq: 18 May 2023 13:25

Tgt Ion: 75 Resp: 88578
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#94

Hexachlorobutadiene

Concen: 0.246 ug/l

RT: 13.725 min Scan# 20

Delta R.T. 0.000 min

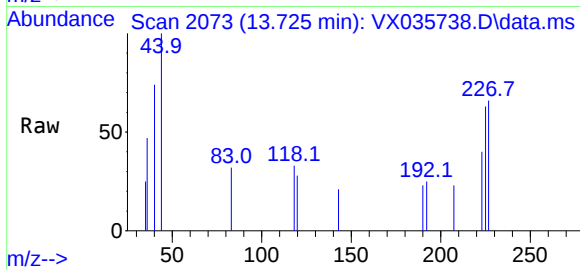
Lab File: VX035738.D

Acq: 18 May 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:225 Resp: 282

Ion	Ratio	Lower	Upper
225	100		
223	48.9	32.1	96.5
227	77.0	31.8	95.4

225 100

223 48.9 32.1 96.5

227 77.0 31.8 95.4

