

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051723\
 Data File : VX035723.D
 Acq On : 17 May 2023 17:10
 Operator : JC/MD
 Sample : 02723-10
 Misc : 5.39g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-14-G1-SO-49.5-050923ME

Quant Time: May 18 04:42:50 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)

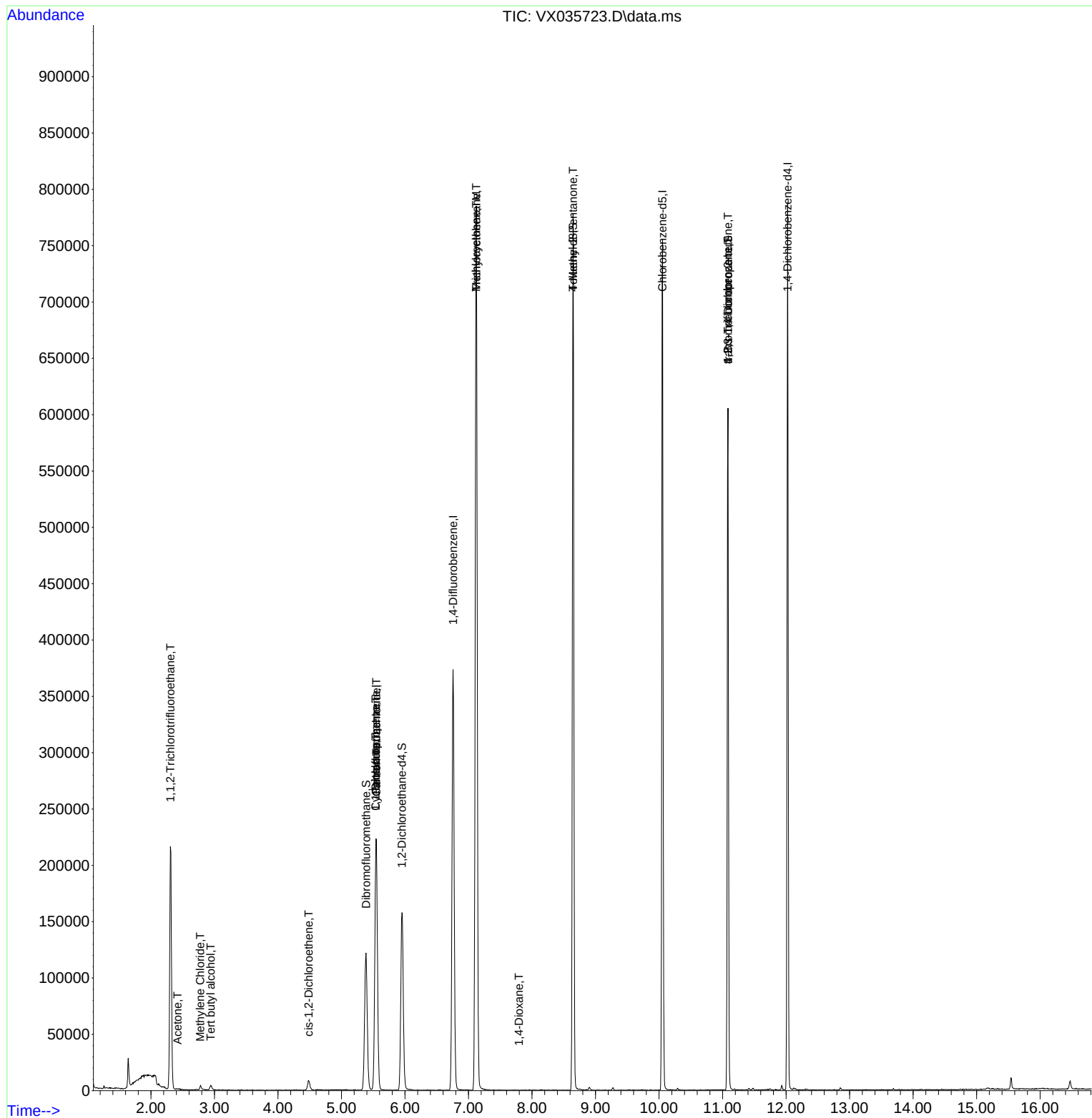
Internal Standards						
1) Pentafluorobenzene	5.544	168	192324	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	355409	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	326133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	163229	48.650	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.300%		
35) Dibromofluoromethane	5.385	113	104924	43.775	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.560%		
50) Toluene-d8	8.647	98	431381	48.718	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.440%		
62) 4-Bromofluorobenzene	11.085	95	175430	49.206	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.420%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.306	101	85427	37.908	ug/l	Qvalue 95
11) Tert butyl alcohol	2.940	59	2729	4.610	ug/l	# 73
16) Acetone	2.416	43	1480	1.026	ug/l	# 82
20) Methylene Chloride	2.776	84	1916	0.733	ug/l	# 80
27) cis-1,2-Dichloroethene	4.483	96	5111	1.812	ug/l	92
31) Cyclohexane	5.538	56	5307	1.252	ug/l	# 8
36) 1,1-Dichloropropene	5.538	75	18765	4.960	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	22314	6.226	ug/l	# 16
39) Methylcyclohexane	7.123	83	3578	0.803	ug/l	# 1
44) Trichloroethene	7.123	130	286843	106.884	ug/l	95
49) 1,4-Dioxane	7.793	88	21	2.280	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.647	43	2409	0.608	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	96138	26.721	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.085	75	96138	86.119	ug/l	# 8

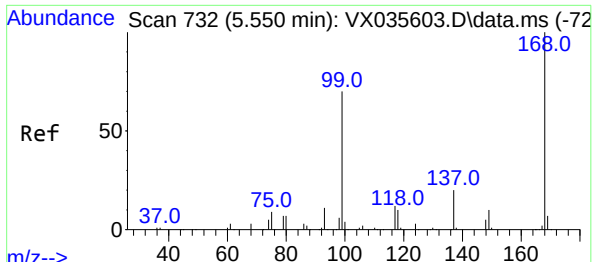
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 18 04:42:50 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

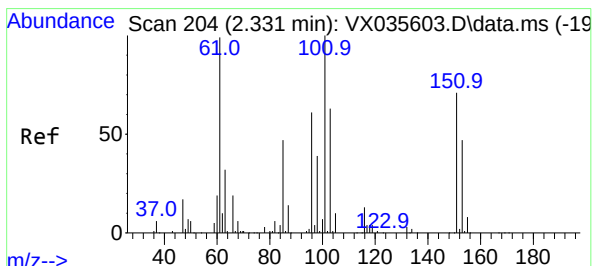
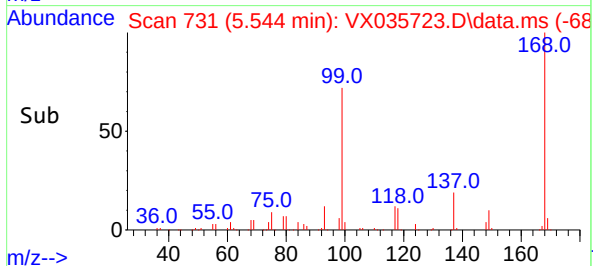
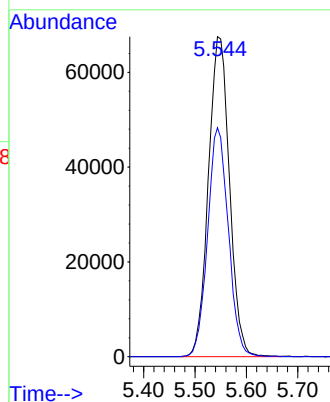
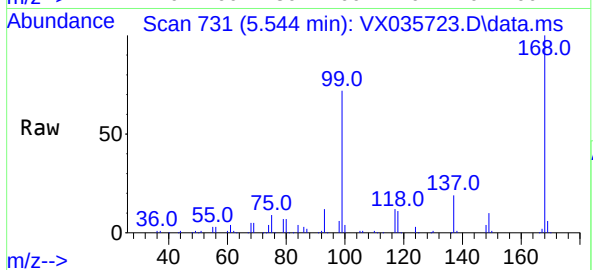




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX035723.D
Acq: 17 May 2023 17:10

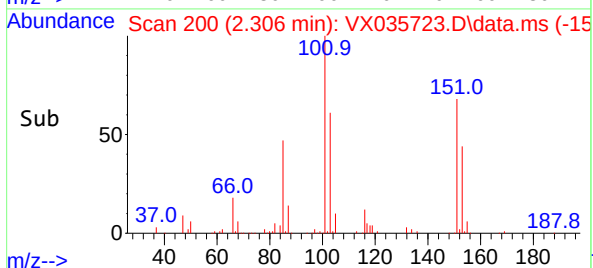
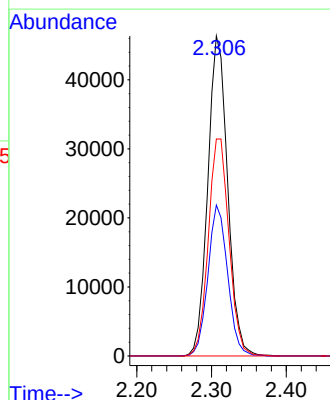
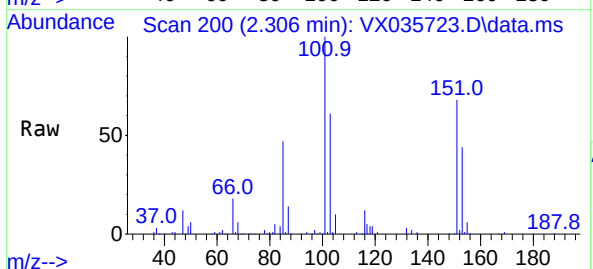
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-49.5-050923ME

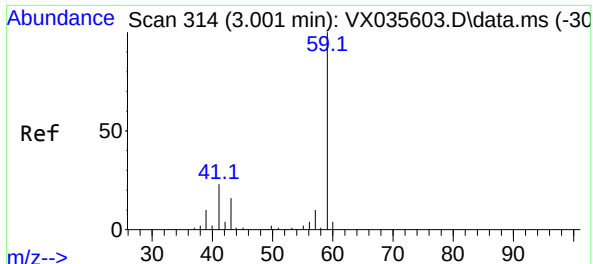
Tgt Ion:168 Resp: 192324
Ion Ratio Lower Upper
168 100
99 71.5 45.7 68.5#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 37.908 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.025 min
Lab File: VX035723.D
Acq: 17 May 2023 17:10

Tgt Ion:101 Resp: 85427
Ion Ratio Lower Upper
101 100
85 46.9 35.4 53.2
151 70.8 60.2 90.4





#11

Tert butyl alcohol

Concen: 4.610 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.061 min

Lab File: VX035723.D

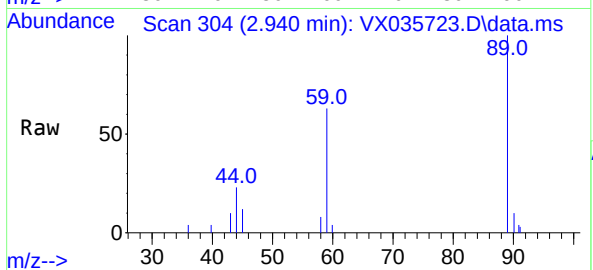
Acq: 17 May 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

CB-14-G1-SO-49.5-050923ME

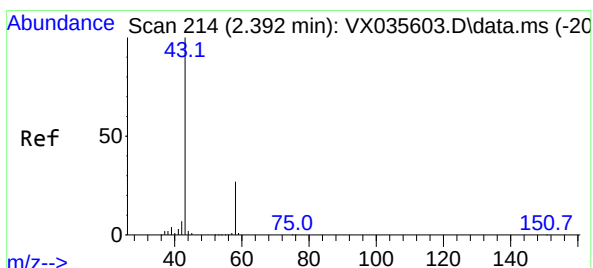
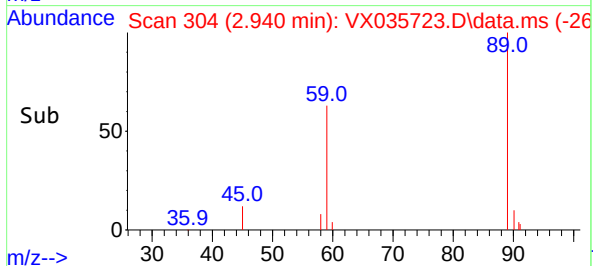
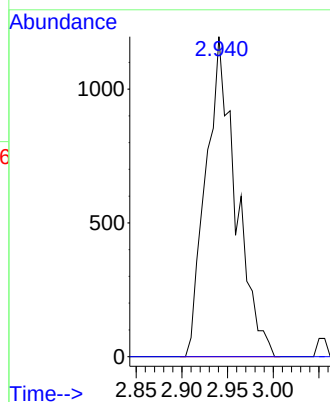


Tgt Ion: 59 Resp: 2729

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 1.026 ug/l

RT: 2.416 min Scan# 218

Delta R.T. 0.024 min

Lab File: VX035723.D

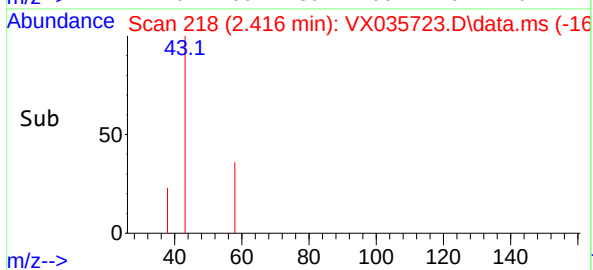
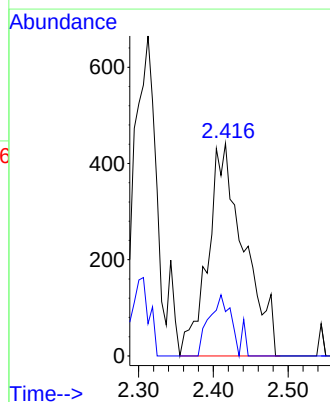
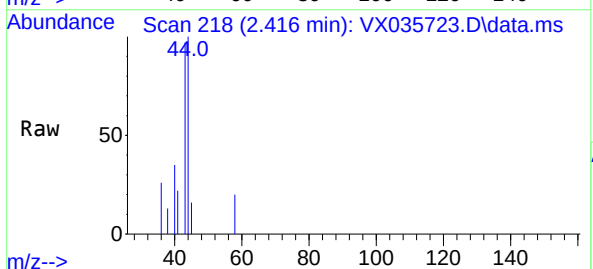
Acq: 17 May 2023 17:10

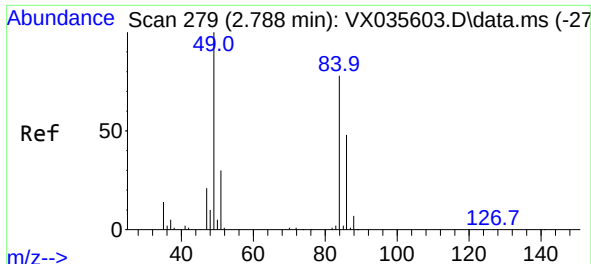
Tgt Ion: 43 Resp: 1480

Ion Ratio Lower Upper

43 100

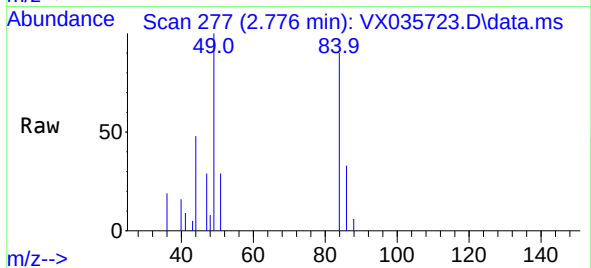
58 20.8 24.7 37.1#





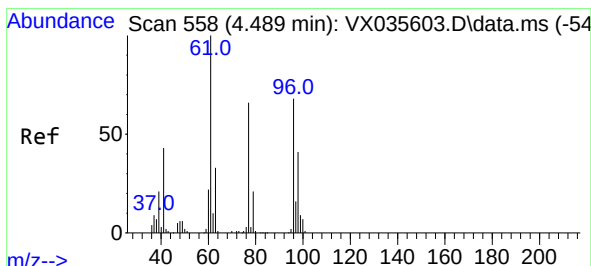
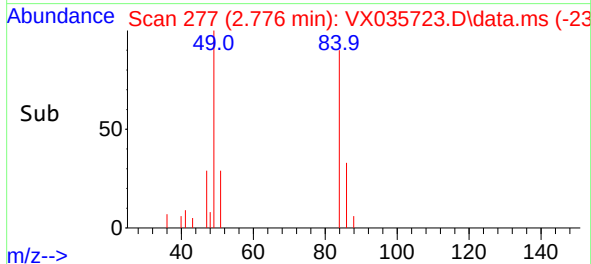
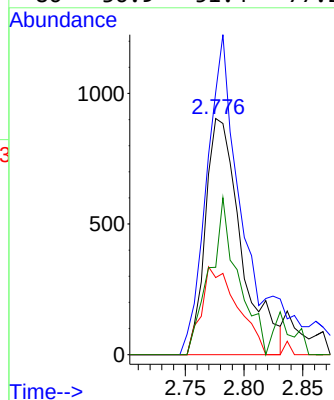
#20
Methylene Chloride
Concen: 0.733 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX035723.D
Acq: 17 May 2023 17:10

Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-49.5-050923ME



Tgt Ion: 84 Resp: 1916

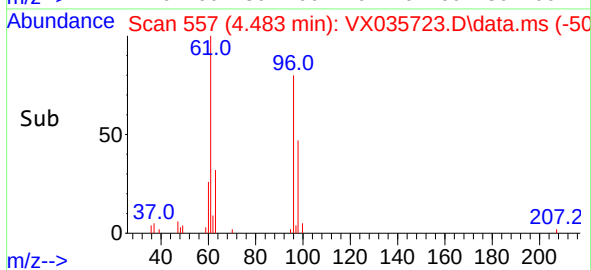
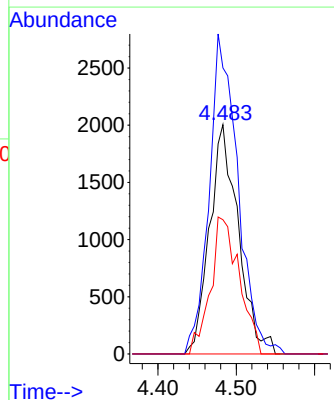
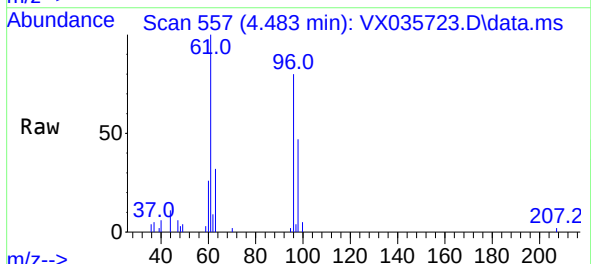
Ion	Ratio	Lower	Upper
84	100		
49	111.2	103.8	155.8
51	32.6	31.8	47.8
86	36.9	51.4	77.2#

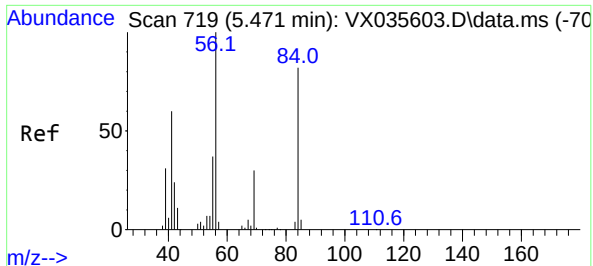


#27
cis-1,2-Dichloroethene
Concen: 1.812 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX035723.D
Acq: 17 May 2023 17:10

Tgt Ion: 96 Resp: 5111

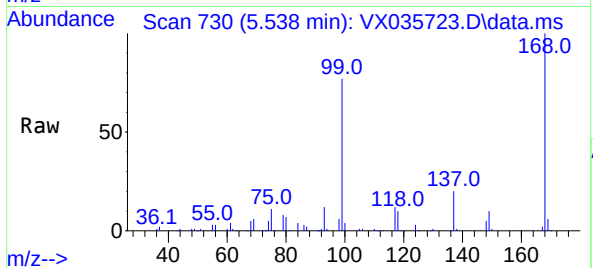
Ion	Ratio	Lower	Upper
96	100		
61	139.2	0.0	300.4
98	59.8	0.0	129.0



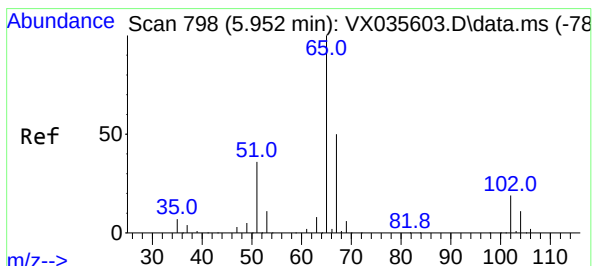
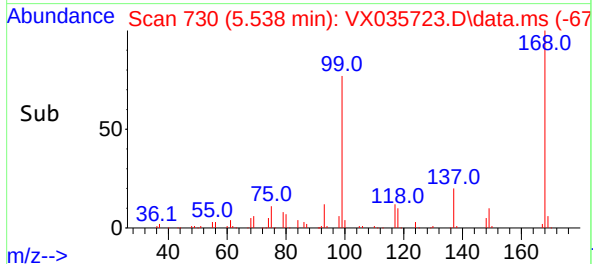
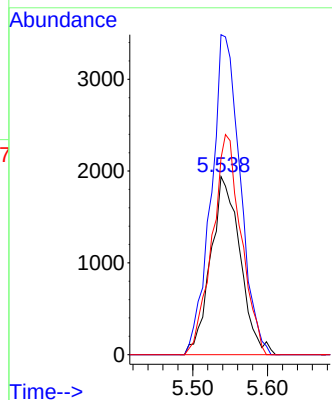


#31
Cyclohexane
Concen: 1.252 ug/l
RT: 5.538 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX035723.D
Acq: 17 May 2023 17:10

Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-49.5-050923ME

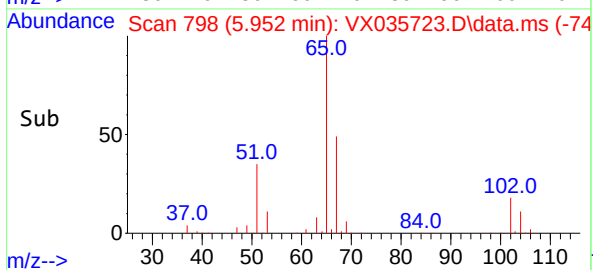
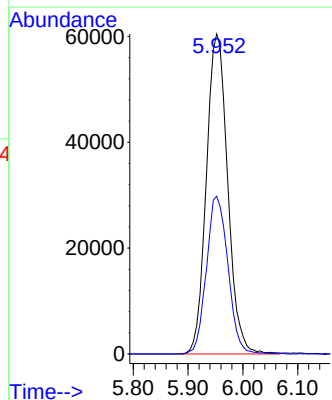
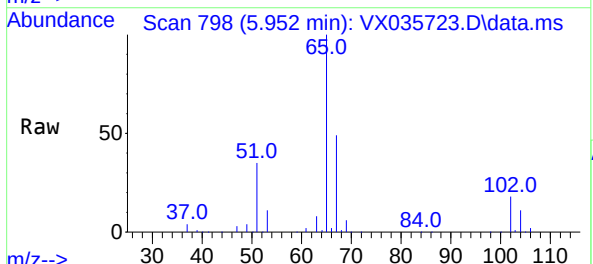


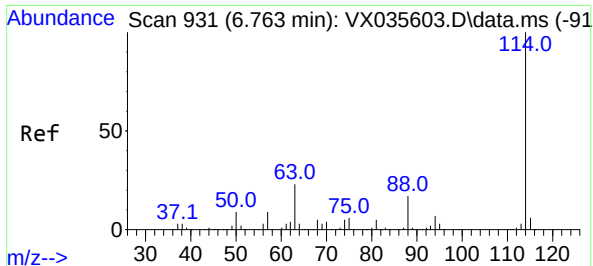
Tgt Ion: 56 Resp: 5307
Ion Ratio Lower Upper
56 100
69 179.8 23.7 35.5#
84 110.4 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.650 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035723.D
Acq: 17 May 2023 17:10

Tgt Ion: 65 Resp: 163229
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.0

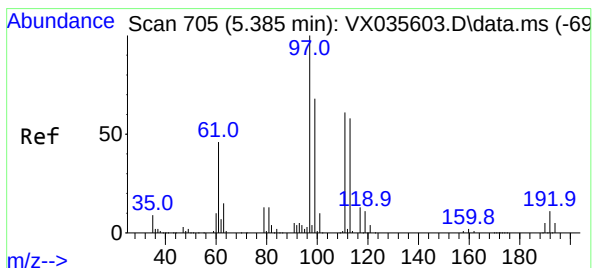
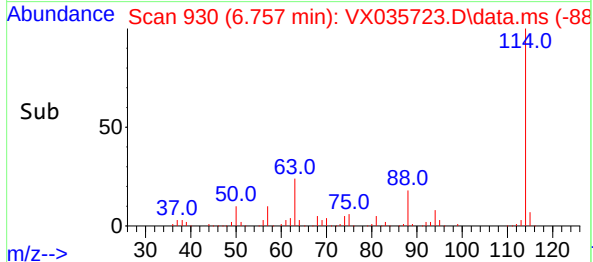
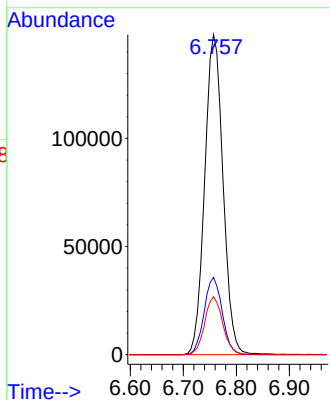
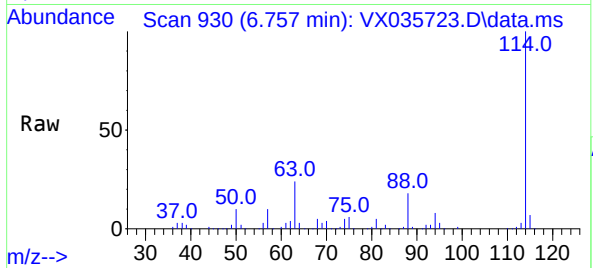




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX035723.D
Acq: 17 May 2023 17:10

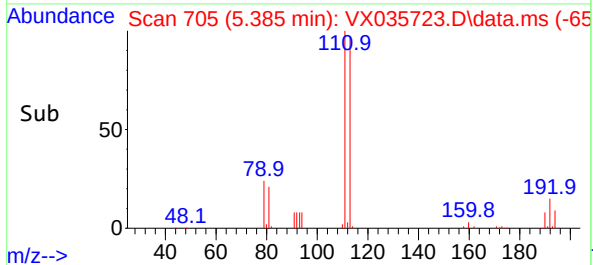
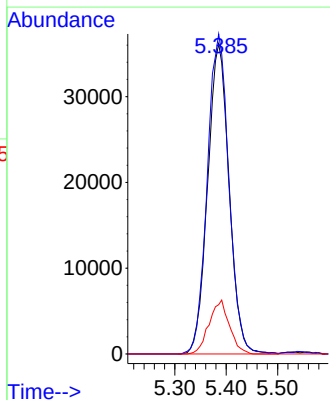
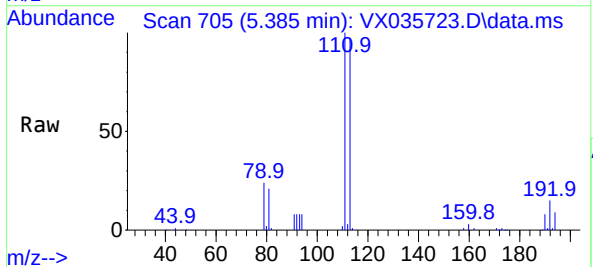
Instrument :
MSVOA_X
ClientSampleId :
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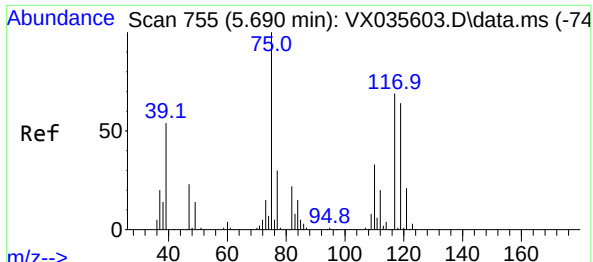
Tgt Ion:114 Resp: 355409
Ion Ratio Lower Upper
114 100
63 24.2 0.0 42.2
88 18.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 43.775 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035723.D
Acq: 17 May 2023 17:10

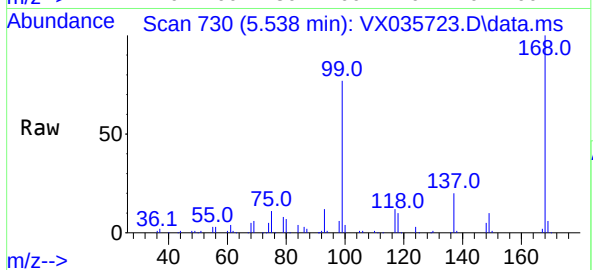
Tgt Ion:113 Resp: 104924
Ion Ratio Lower Upper
113 100
111 103.8 83.7 125.5
192 16.4 15.4 23.2



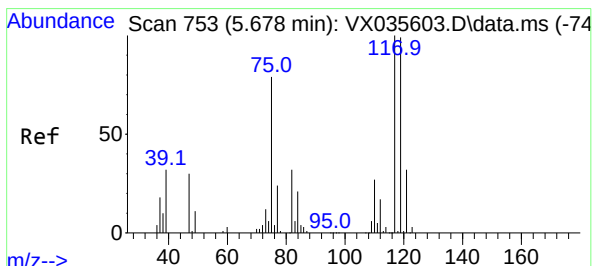
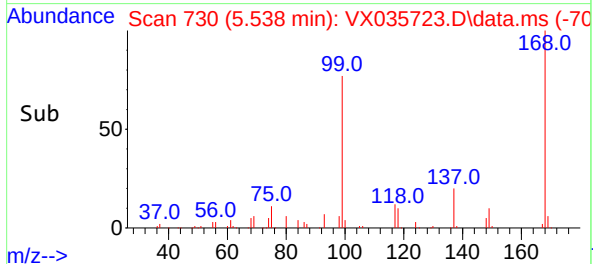
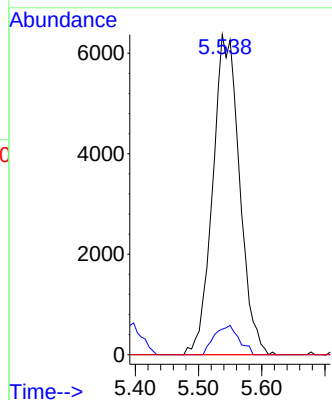


#36
1,1-Dichloropropene
Concen: 4.960 ug/l
RT: 5.538 min Scan# 711
Delta R.T. -0.152 min
Lab File: VX035723.D
Acq: 17 May 2023 17:10

Instrument :
MSVOA_X
ClientSampleId :
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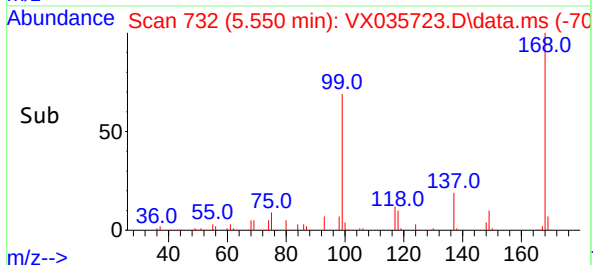
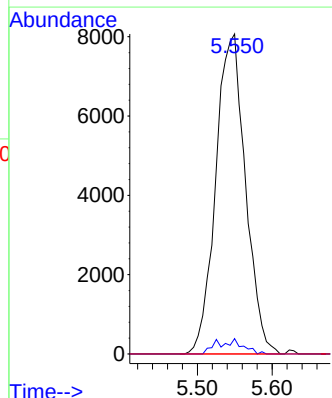
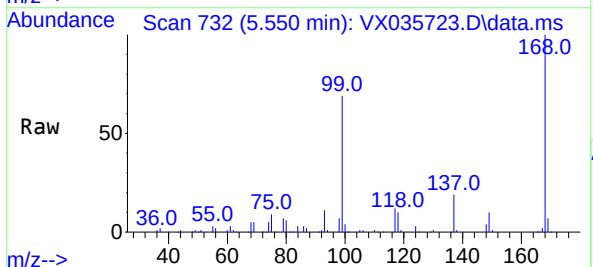


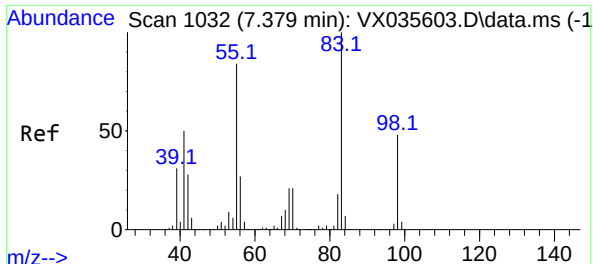
Tgt Ion: 75 Resp: 18765
Ion Ratio Lower Upper
75 100
110 8.4 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.226 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035723.D
Acq: 17 May 2023 17:10

Tgt Ion: 117 Resp: 22314
Ion Ratio Lower Upper
117 100
119 4.8 76.6 114.8#
121 0.0 23.8 35.6#





#39

Methylcyclohexane

Concen: 0.803 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.256 min

Lab File: VX035723.D

Acq: 17 May 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

CB-14-G1-SO-49.5-050923ME

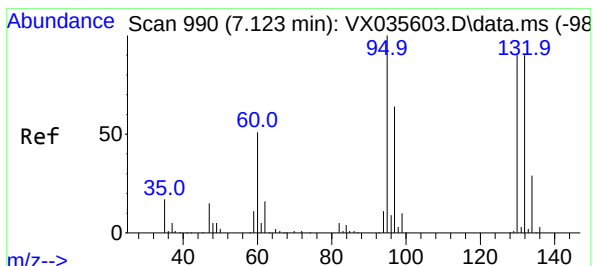
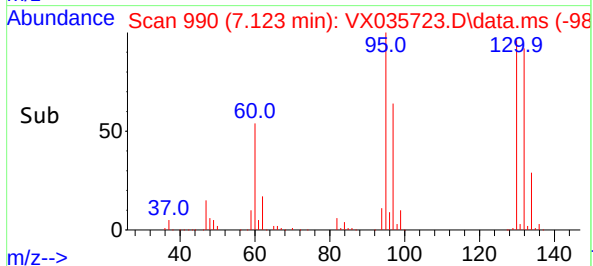
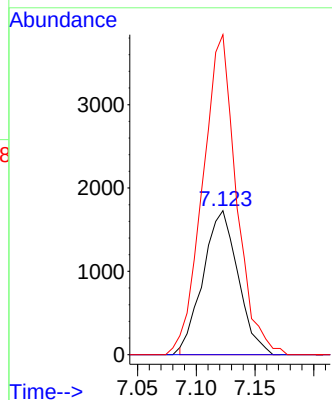
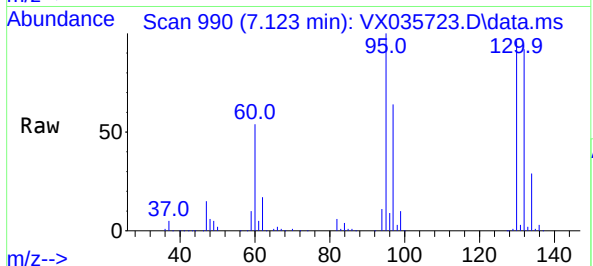
Tgt Ion: 83 Resp: 3578

Ion Ratio Lower Upper

83 100

55 0.0 60.5 90.7#

98 211.7 40.4 60.6#



#44

Trichloroethene

Concen: 106.884 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX035723.D

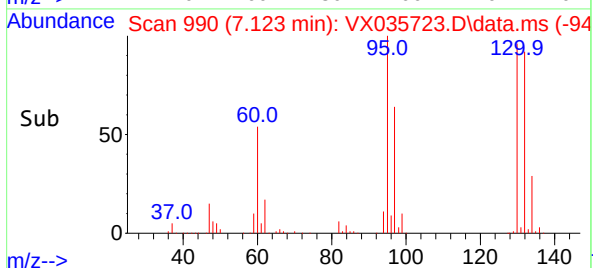
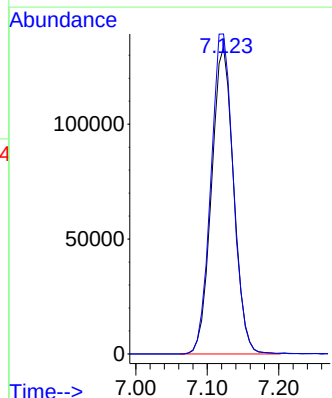
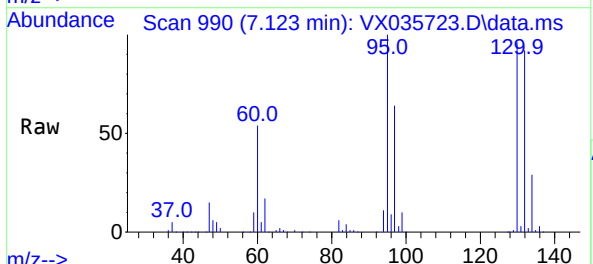
Acq: 17 May 2023 17:10

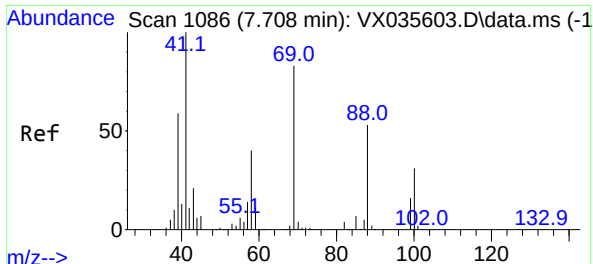
Tgt Ion:130 Resp: 286843

Ion Ratio Lower Upper

130 100

95 104.3 0.0 198.4

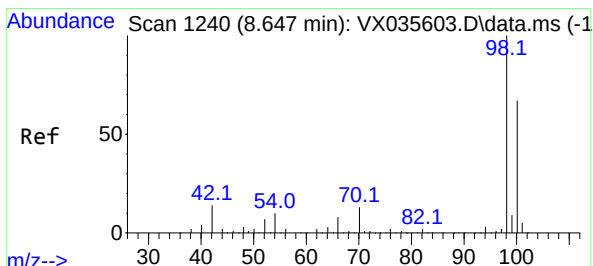
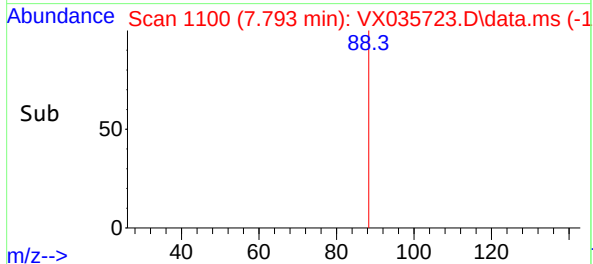
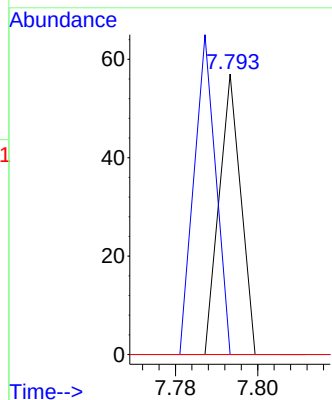
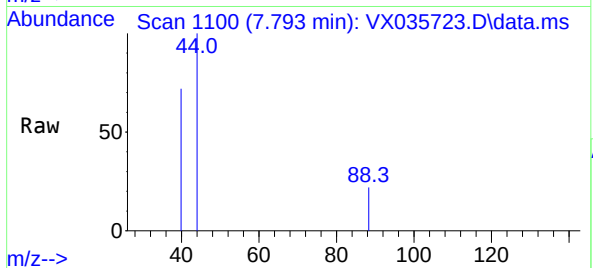




#49
1,4-Dioxane
Concen: 2.280 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.085 min
Lab File: VX035723.D
Acq: 17 May 2023 17:10

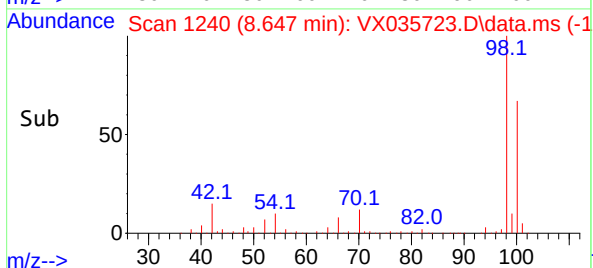
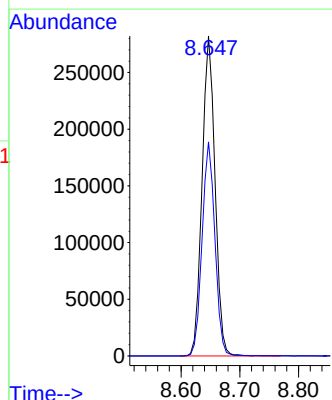
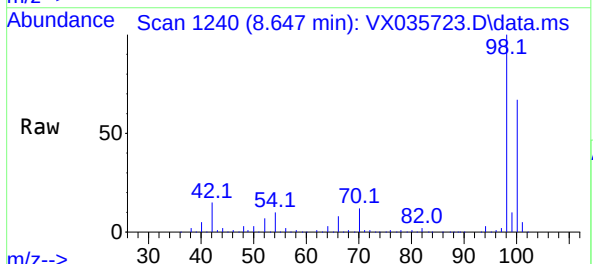
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-49.5-050923ME

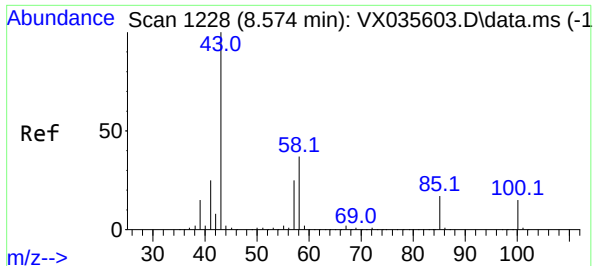
Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 114.3 27.7 41.5#
58 0.0 56.8 85.2#



#50
Toluene-d8
Concen: 48.718 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035723.D
Acq: 17 May 2023 17:10

Tgt Ion: 98 Resp: 431381
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.608 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX035723.D

Acq: 17 May 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

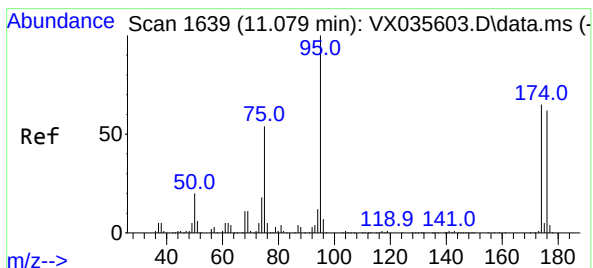
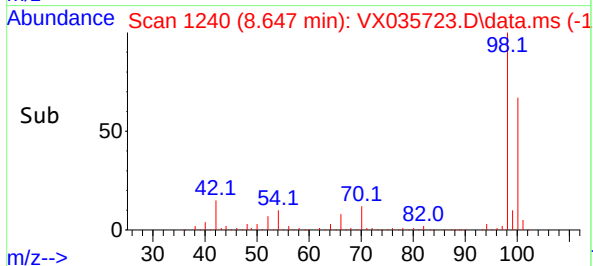
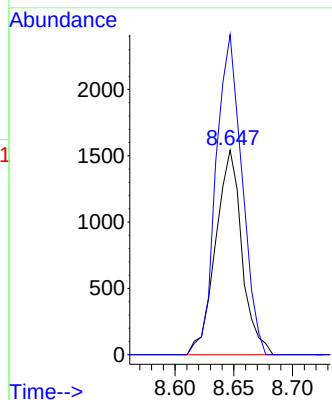
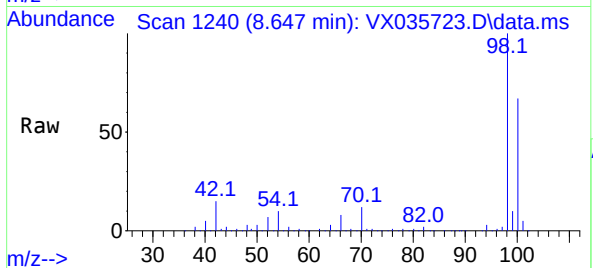
CB-14-G1-SO-49.5-050923ME

Tgt Ion: 43 Resp: 2409

Ion Ratio Lower Upper

43 100

58 154.4 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 49.206 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX035723.D

Acq: 17 May 2023 17:10

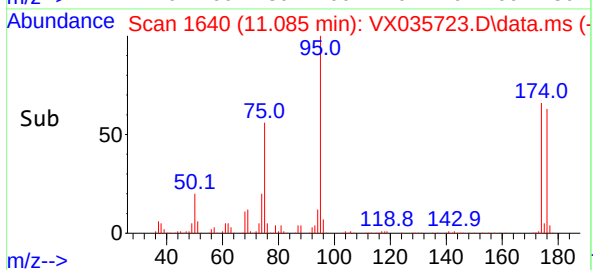
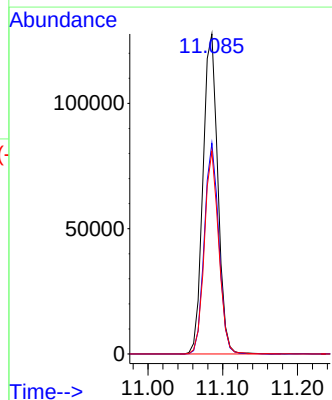
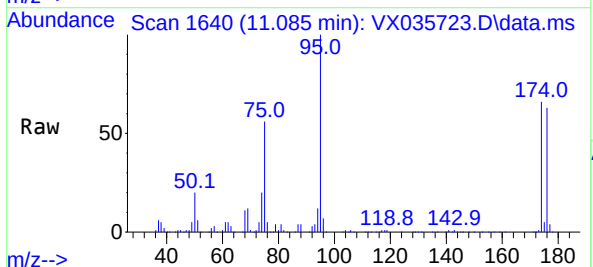
Tgt Ion: 95 Resp: 175430

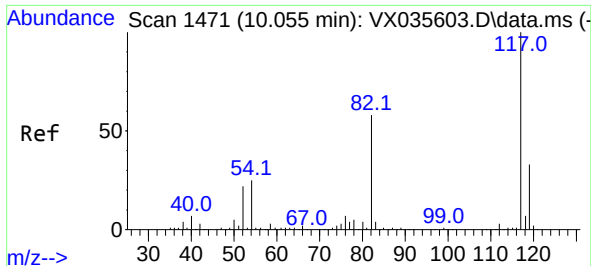
Ion Ratio Lower Upper

95 100

174 64.3 0.0 147.4

176 61.4 0.0 140.6



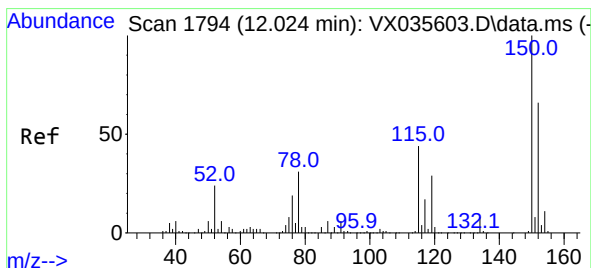
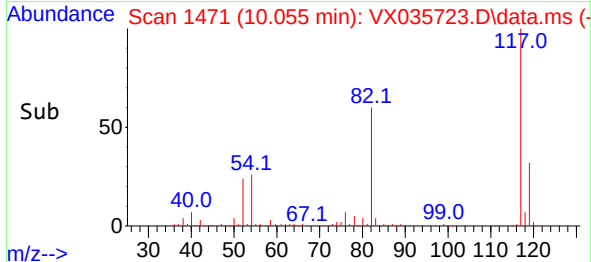
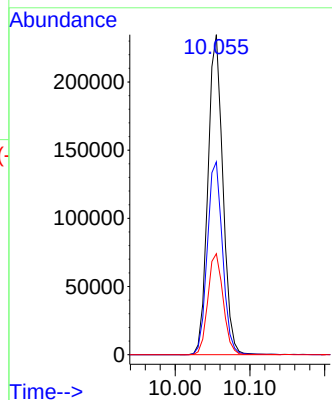
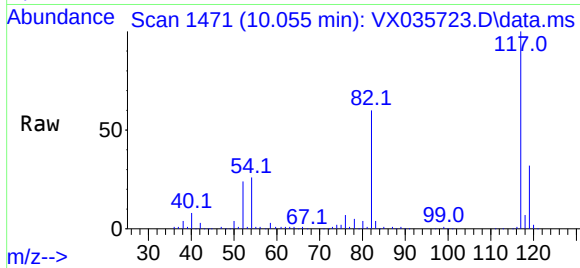


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035723.D
Acq: 17 May 2023 17:10

Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-49.5-050923ME

Tgt Ion:117 Resp: 326133

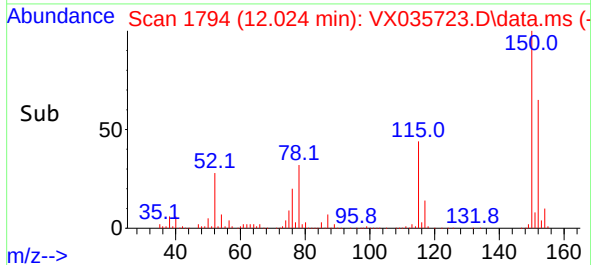
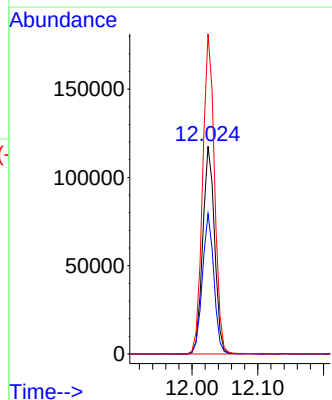
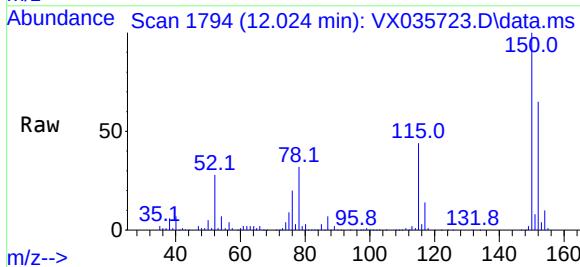
Ion	Ratio	Lower	Upper
117	100		
82	60.3	45.0	67.4
119	31.6	26.0	39.0

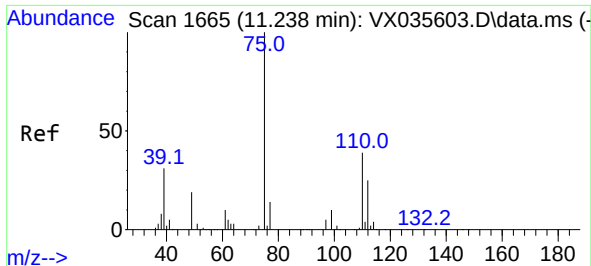


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035723.D
Acq: 17 May 2023 17:10

Tgt Ion:152 Resp: 147087

Ion	Ratio	Lower	Upper
152	100		
115	65.6	45.0	135.0
150	154.6	0.0	352.4

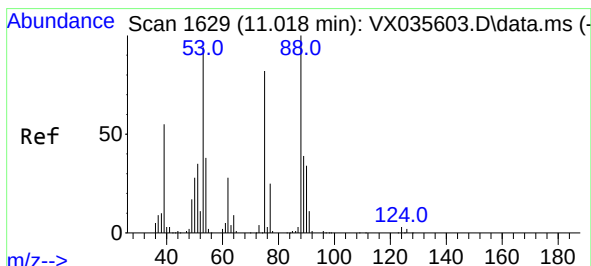
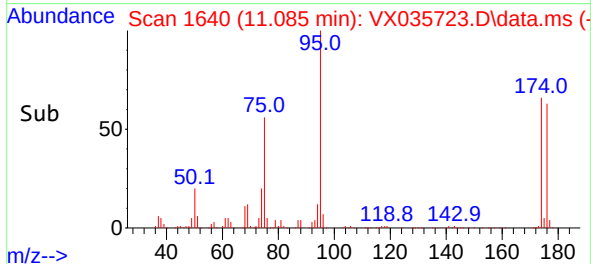
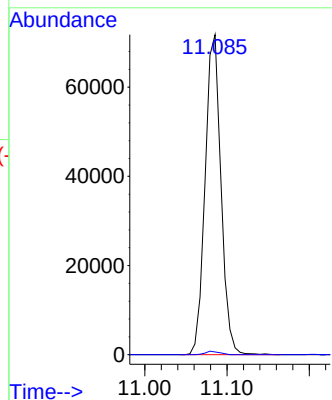
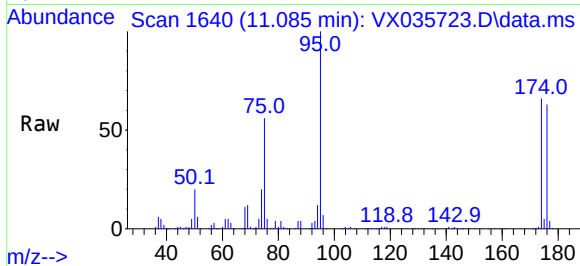




#76
1,2,3-Trichloropropane
Concen: 26.721 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX035723.D
Acq: 17 May 2023 17:10

Instrument : MSVOA_X
ClientSampleId : CB-14-G1-SO-49.5-050923ME

Tgt Ion: 75 Resp: 96138
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.119 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX035723.D
Acq: 17 May 2023 17:10

Tgt Ion: 75 Resp: 96138
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

