

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051723\
 Data File : VX035724.D
 Acq On : 17 May 2023 17:33
 Operator : JC/MD
 Sample : 02723-11
 Misc : 5.43g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-14-G1-SO-55-050923

Quant Time: May 18 04:43:00 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	5.550	168	183585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	343300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148724	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	157657	49.226	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.460%
35) Dibromofluoromethane	5.385	113	100956	43.606	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.220%
50) Toluene-d8	8.647	98	419395	49.035	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.080%
62) 4-Bromofluorobenzene	11.085	95	171502	49.801	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.600%

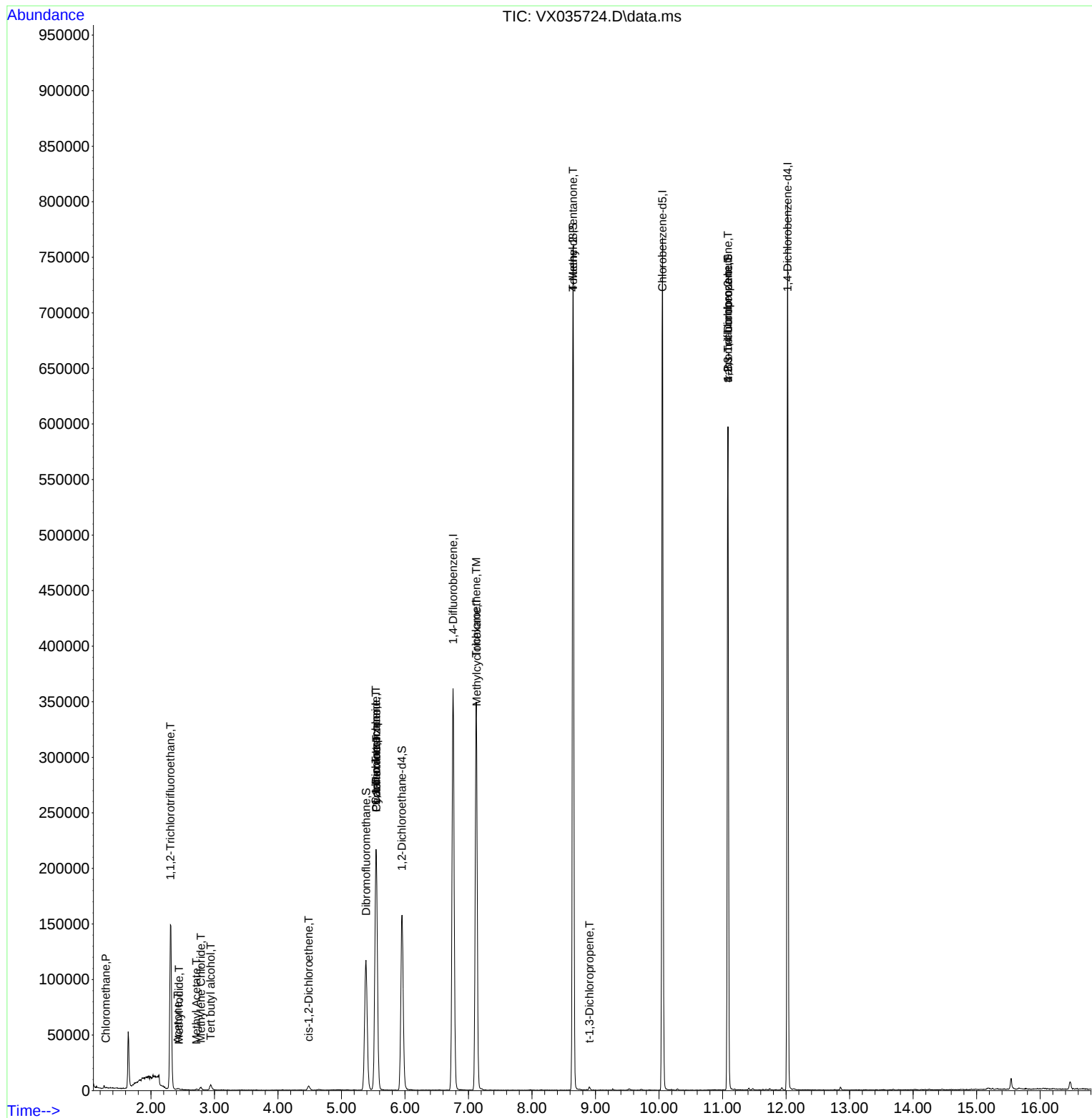
Target Compounds			Qvalue			
3) Chloromethane	1.288	50	691	0.238	ug/l #	42
9) 1,1,2-Trichlorotrifluo...	2.306	101	59637	27.723	ug/l	96
10) Methyl Iodide	2.441	142	395	0.205	ug/l #	79
11) Tert butyl alcohol	2.940	59	3062	5.419	ug/l #	73
16) Acetone	2.422	43	1316	0.956	ug/l	99
18) Methyl Acetate	2.715	43	1021	0.201	ug/l #	70
20) Methylene Chloride	2.788	84	1276	0.511	ug/l	85
27) cis-1,2-Dichloroethene	4.483	96	2203	0.818	ug/l	95
31) Cyclohexane	5.550	56	4722	1.167	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	18699	5.117	ug/l #	50
38) Carbon Tetrachloride	5.544	117	21274	6.145	ug/l #	16
39) Methylcyclohexane	7.129	83	1650	0.384	ug/l #	1
44) Trichloroethene	7.123	130	128713	49.653	ug/l	92
51) 4-Methyl-2-Pentanone	8.647	43	2313	0.604	ug/l #	1
53) t-1,3-Dichloropropene	8.903	75	960	0.247	ug/l #	43
76) 1,2,3-Trichloropropane	11.085	75	95120	26.147	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	95120	84.269	ug/l #	8

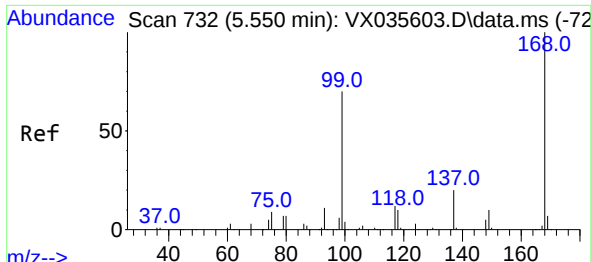
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CB-14-G1-SO-55-050923

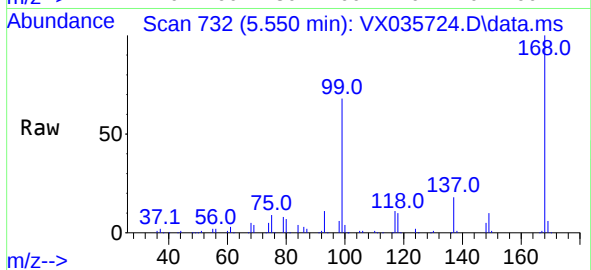
Quant Time: May 18 04:43:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
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Response via : Initial Calibration



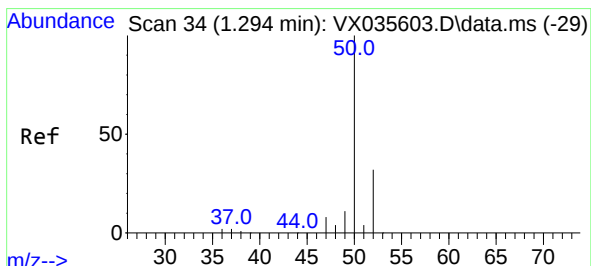
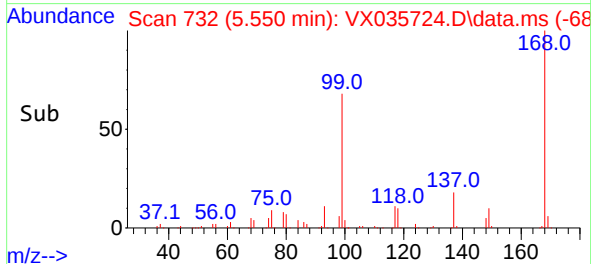
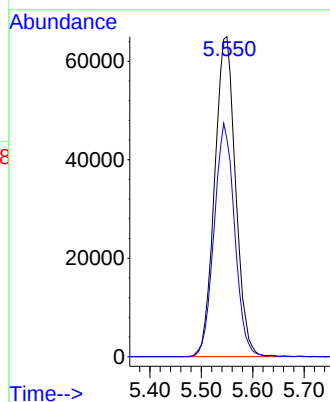


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035724.D
Acq: 17 May 2023 17:33

Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-55-050923

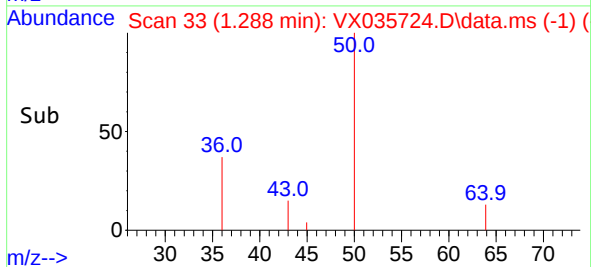
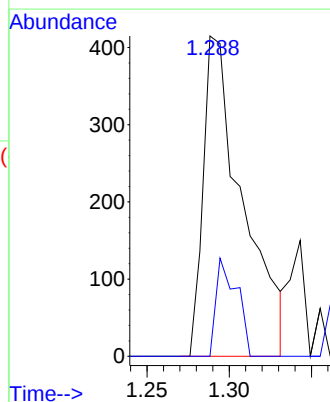
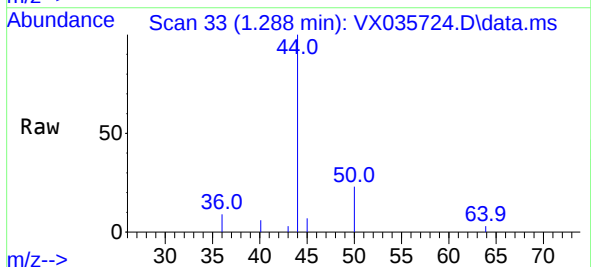


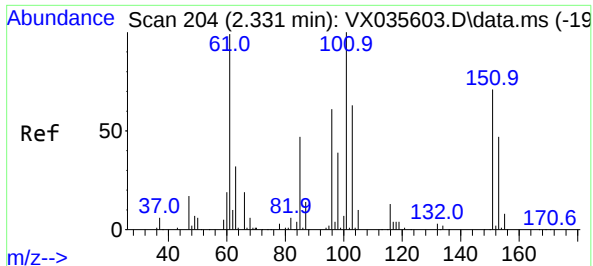
Tgt Ion:168 Resp: 183585
Ion Ratio Lower Upper
168 100
99 68.0 45.7 68.5



#3
Chloromethane
Concen: 0.238 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX035724.D
Acq: 17 May 2023 17:33

Tgt Ion: 50 Resp: 691
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

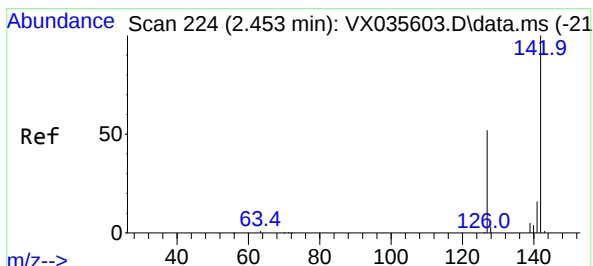
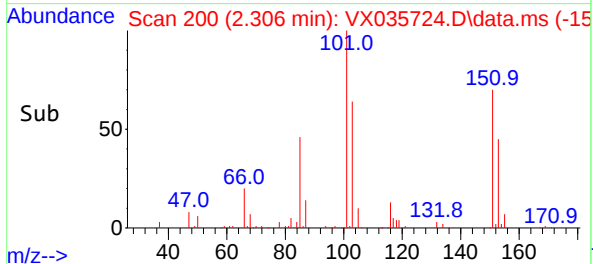
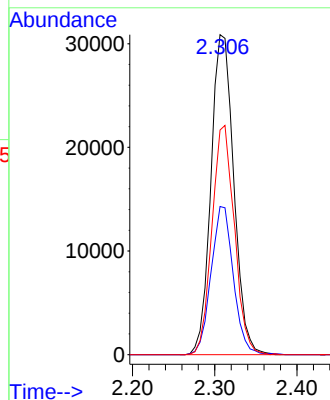
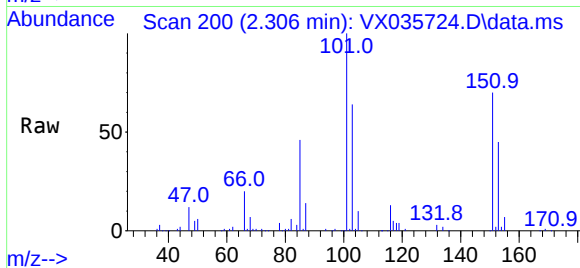




#9
1,1,2-Trichlorotrifluoroethane
Concen: 27.723 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.025 min
Lab File: VX035724.D
Acq: 17 May 2023 17:33

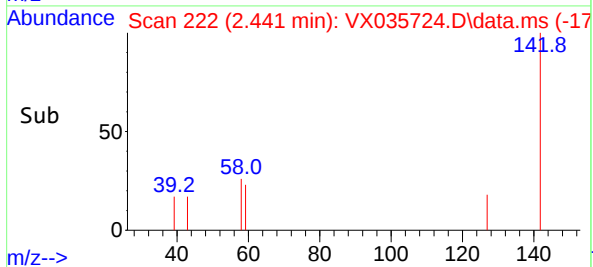
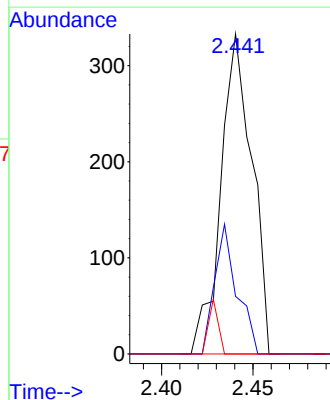
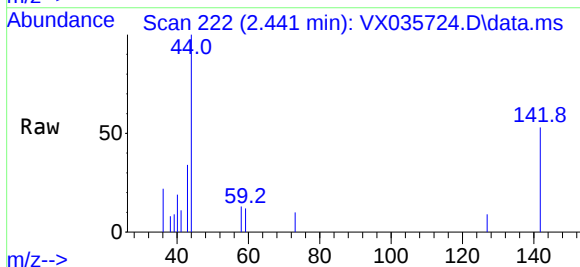
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-55-050923

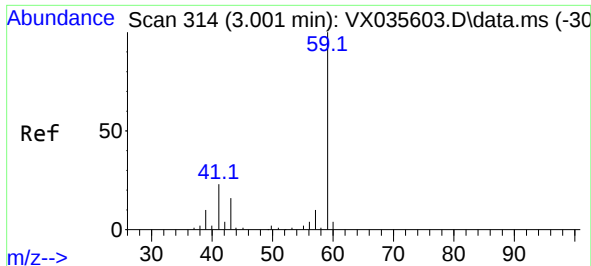
Tgt Ion:101 Resp: 59637
Ion Ratio Lower Upper
101 100
85 45.2 35.4 53.2
151 70.4 60.2 90.4



#10
Methyl Iodide
Concen: 0.205 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.012 min
Lab File: VX035724.D
Acq: 17 May 2023 17:33

Tgt Ion:142 Resp: 395
Ion Ratio Lower Upper
142 100
127 29.1 34.0 51.0#
141 5.3 11.1 16.7#

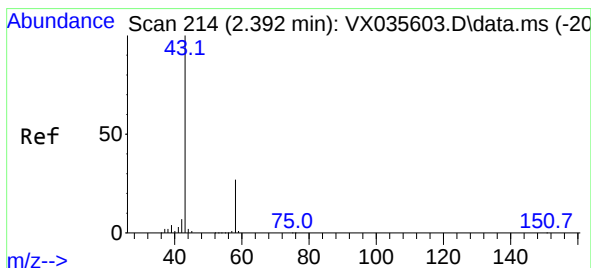
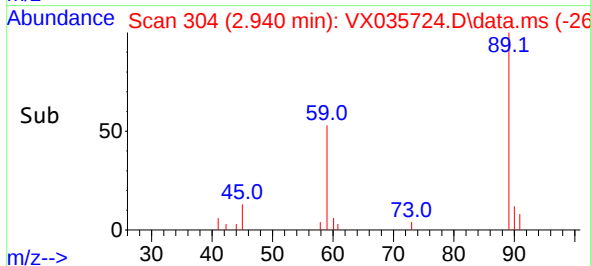
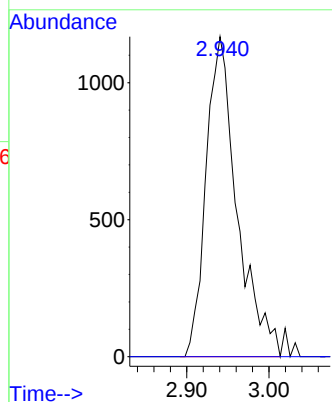
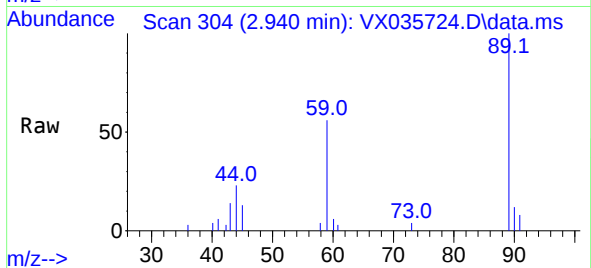




#11
Tert butyl alcohol
Concen: 5.419 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.061 min
Lab File: VX035724.D
Acq: 17 May 2023 17:33

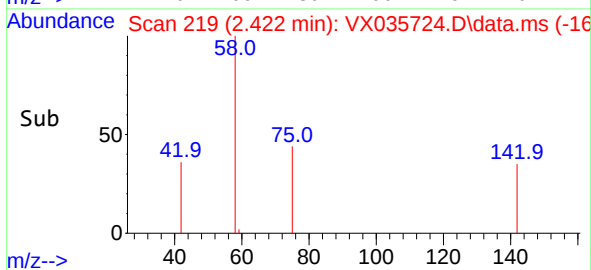
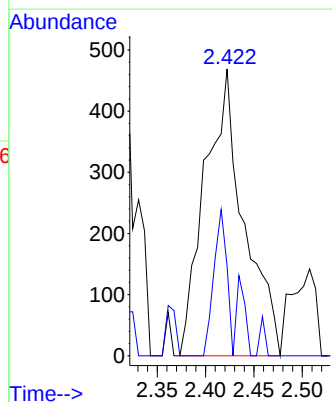
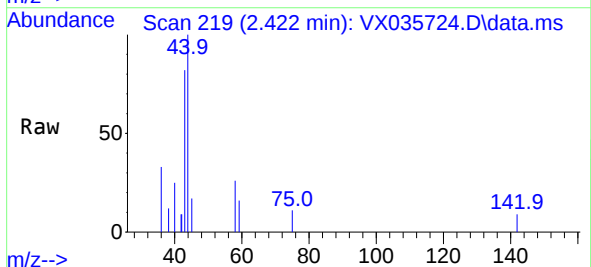
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-55-050923

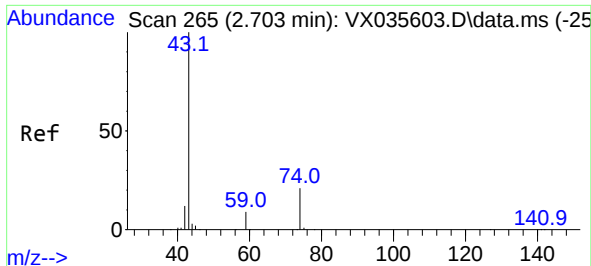
Tgt Ion: 59 Resp: 3062
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 0.956 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.030 min
Lab File: VX035724.D
Acq: 17 May 2023 17:33

Tgt Ion: 43 Resp: 1316
Ion Ratio Lower Upper
43 100
58 31.3 24.7 37.1

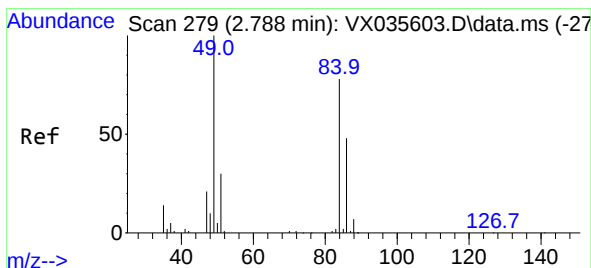
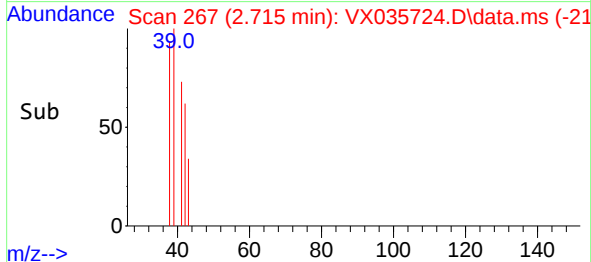
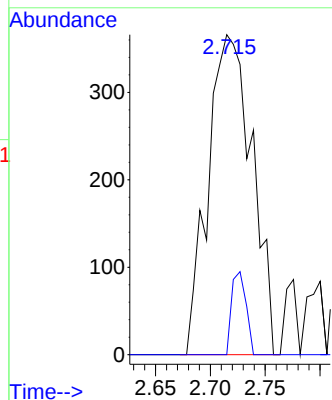
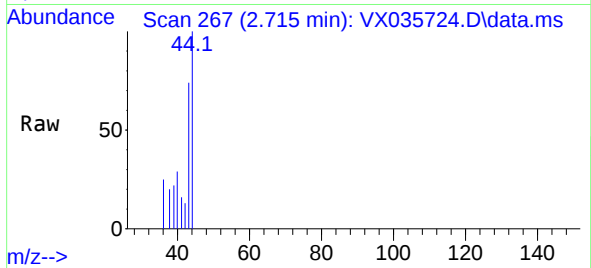




#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX035724.D
Acq: 17 May 2023 17:33

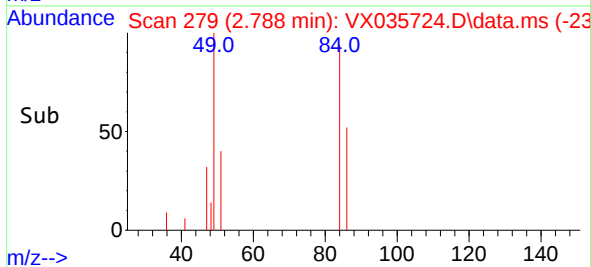
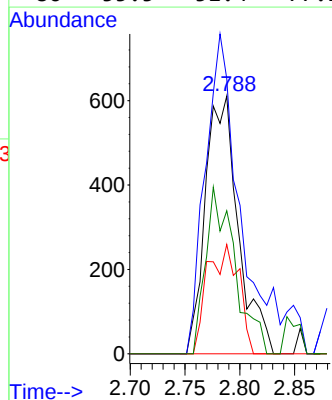
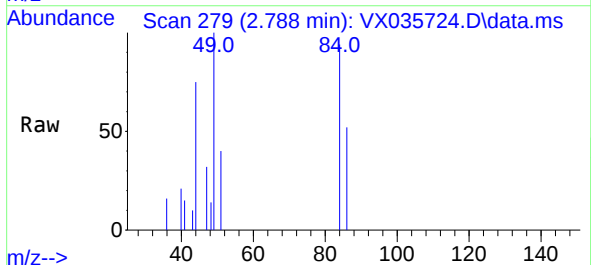
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-55-050923

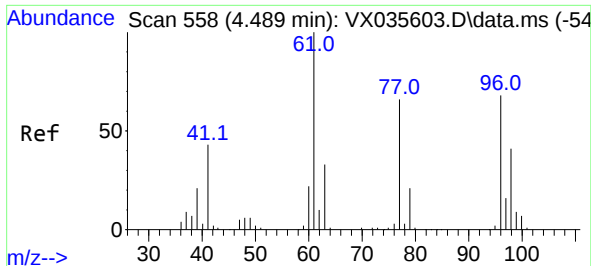
Tgt Ion: 43 Resp: 1021
Ion Ratio Lower Upper
43 100
74 8.4 18.3 27.5#



#20
Methylene Chloride
Concen: 0.511 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035724.D
Acq: 17 May 2023 17:33

Tgt Ion: 84 Resp: 1276
Ion Ratio Lower Upper
84 100
49 106.7 103.8 155.8
51 42.4 31.8 47.8
86 55.5 51.4 77.2

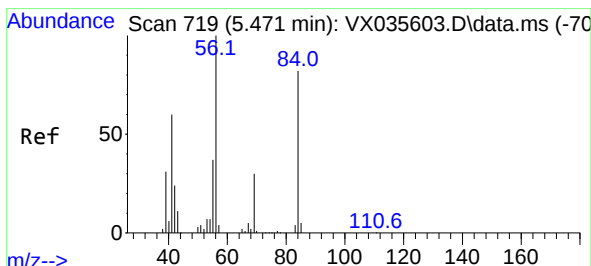
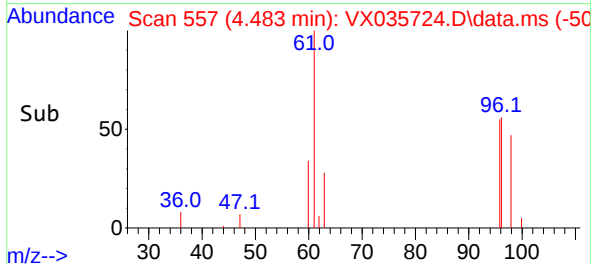
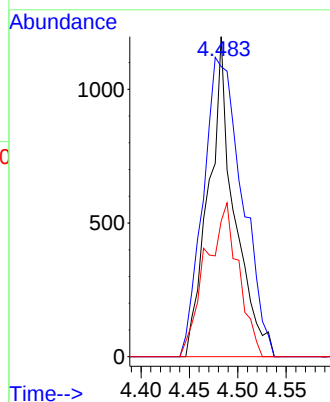
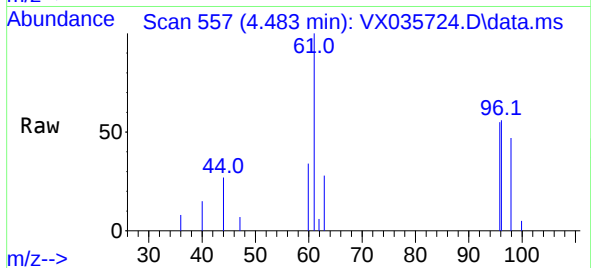




#27
cis-1,2-Dichloroethene
Concen: 0.818 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX035724.D
Acq: 17 May 2023 17:33

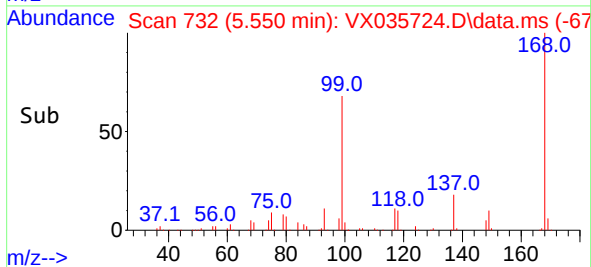
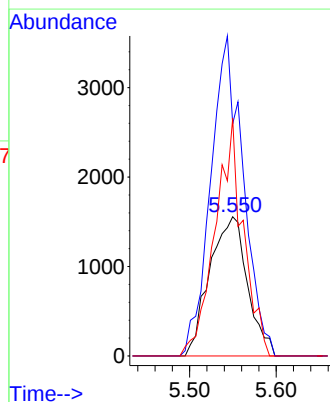
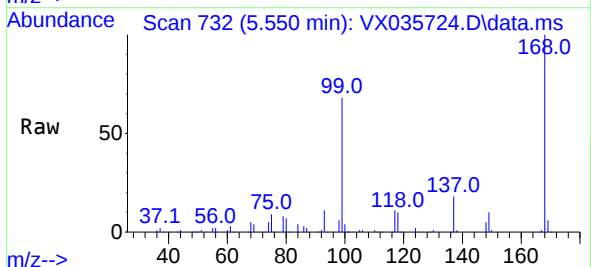
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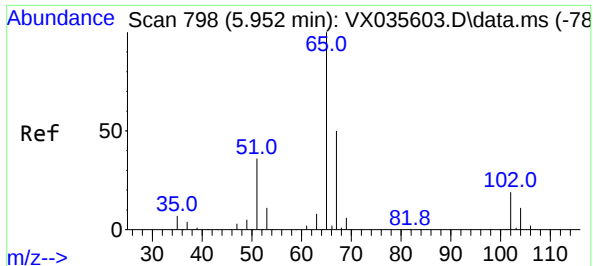
Tgt Ion: 96 Resp: 2203
Ion Ratio Lower Upper
96 100
61 142.2 0.0 300.4
98 61.7 0.0 129.0



#31
Cyclohexane
Concen: 1.167 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX035724.D
Acq: 17 May 2023 17:33

Tgt Ion: 56 Resp: 4722
Ion Ratio Lower Upper
56 100
69 166.8 23.7 35.5#
84 170.7 68.5 102.7#



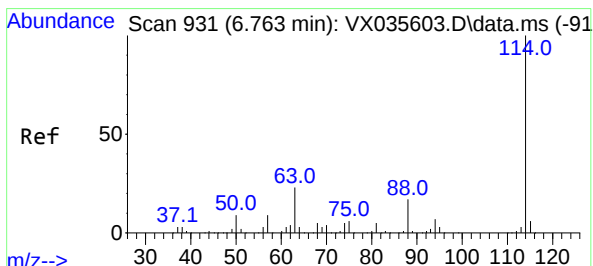
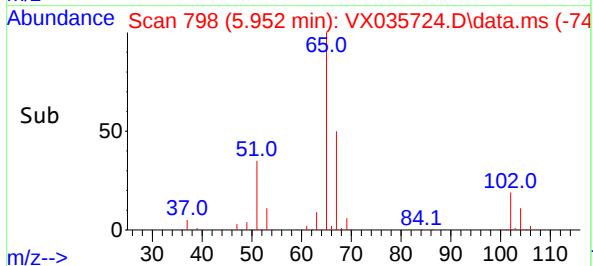
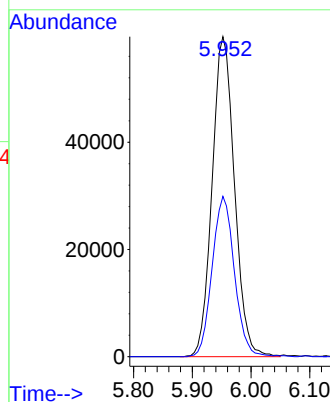
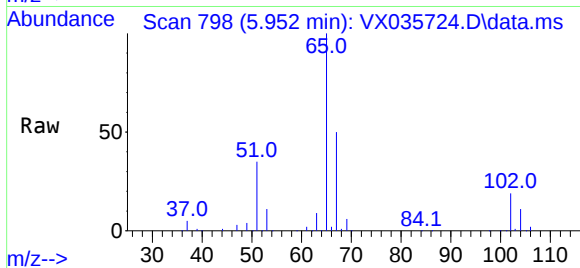


#33
 1,2-Dichloroethane-d4
 Concen: 49.226 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX035724.D
 Acq: 17 May 2023 17:33

Instrument :
 MSVOA_X
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 CB-14-G1-SO-55-050923

Tgt Ion: 65 Resp: 157657

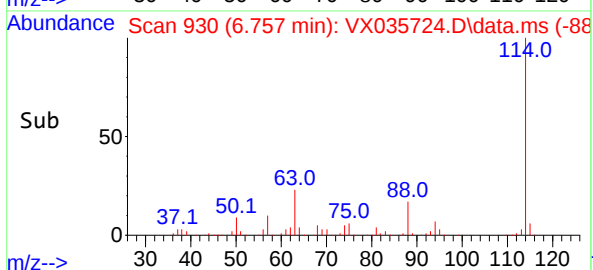
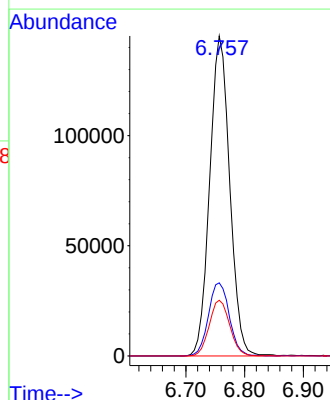
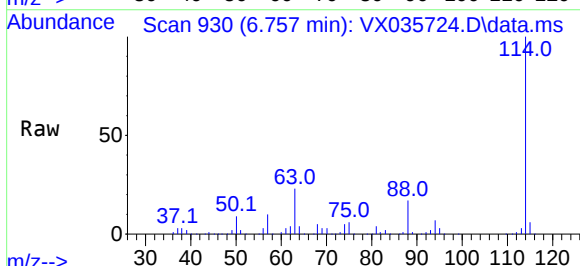
Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	104.0

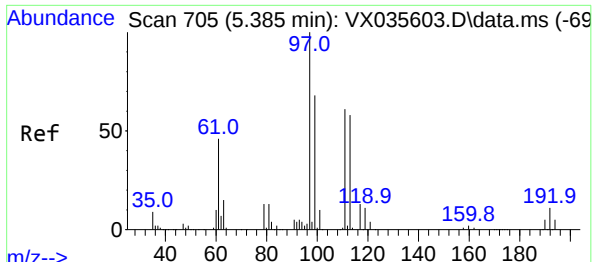


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX035724.D
 Acq: 17 May 2023 17:33

Tgt Ion: 114 Resp: 343300

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	42.2
88	17.4	0.0	33.2





#35

Dibromofluoromethane

Concen: 43.606 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035724.D

Acq: 17 May 2023 17:33

Instrument :

MSVOA_X

ClientSampleId :

CB-14-G1-SO-55-050923

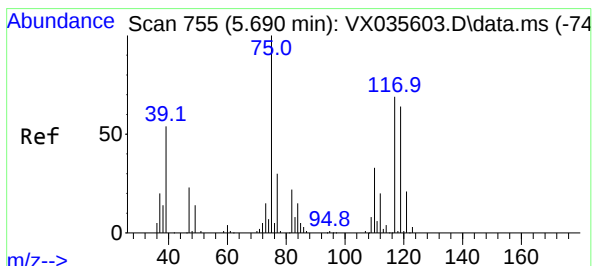
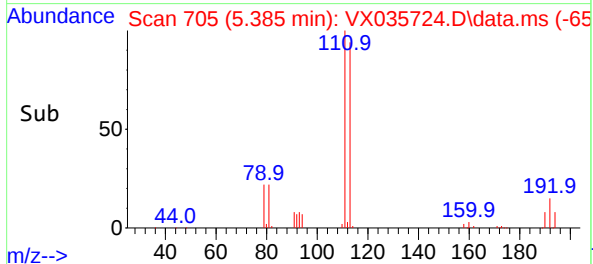
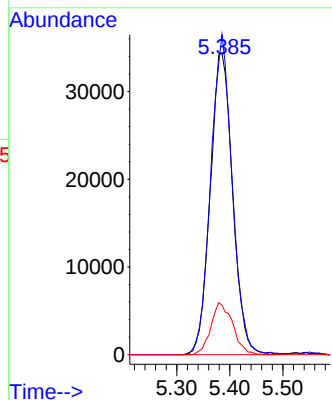
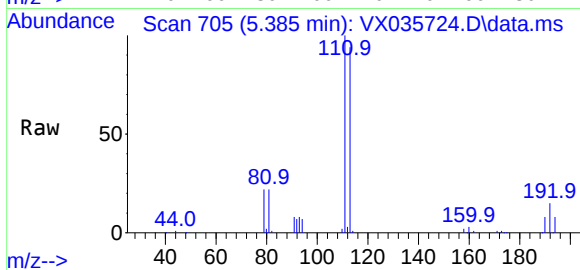
Tgt Ion:113 Resp: 100956

Ion Ratio Lower Upper

113 100

111 102.0 83.7 125.5

192 16.8 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.117 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX035724.D

Acq: 17 May 2023 17:33

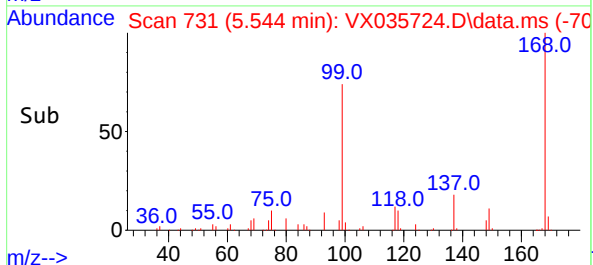
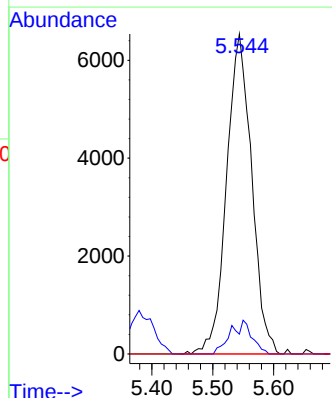
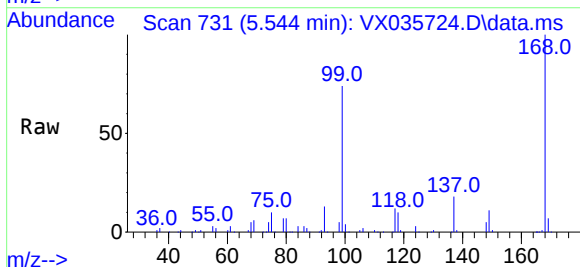
Tgt Ion: 75 Resp: 18699

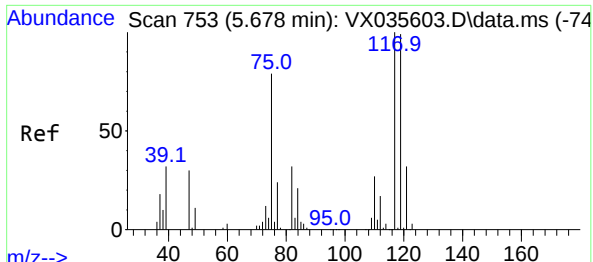
Ion Ratio Lower Upper

75 100

110 9.0 17.5 52.5#

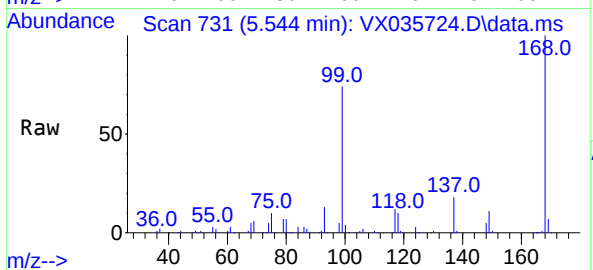
77 0.0 24.3 36.5#



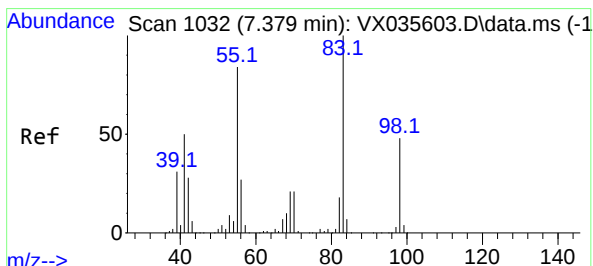
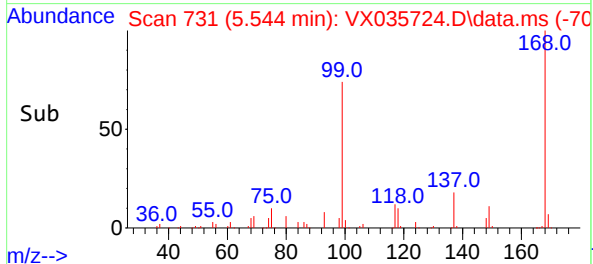
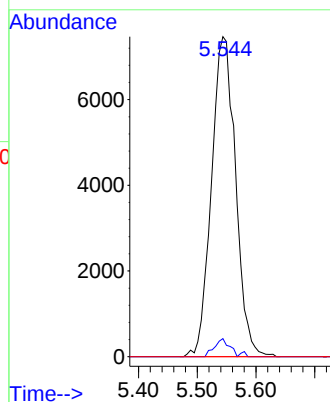


#38
Carbon Tetrachloride
Concen: 6.145 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX035724.D
Acq: 17 May 2023 17:33

Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-55-050923

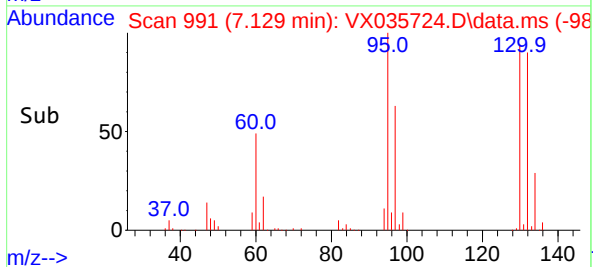
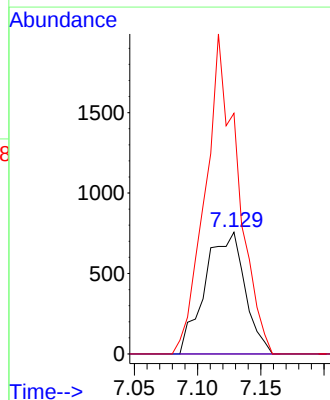
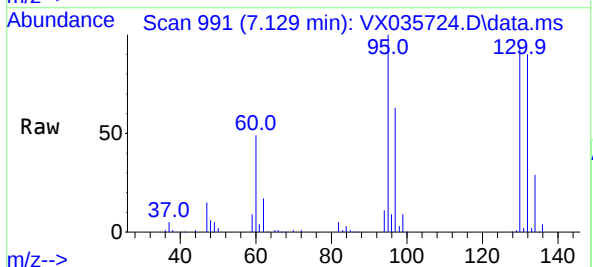


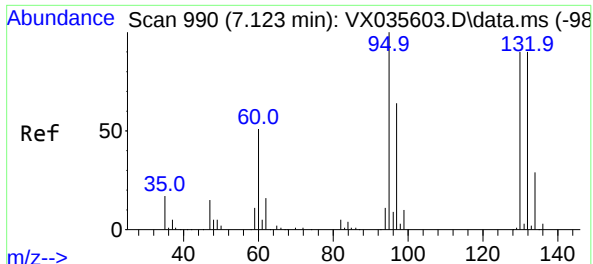
Tgt Ion:117 Resp: 21274
Ion Ratio Lower Upper
117 100
119 5.6 76.6 114.8#
121 0.0 23.8 35.6#



#39
Methylcyclohexane
Concen: 0.384 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.250 min
Lab File: VX035724.D
Acq: 17 May 2023 17:33

Tgt Ion: 83 Resp: 1650
Ion Ratio Lower Upper
83 100
55 0.0 60.5 90.7#
98 197.6 40.4 60.6#

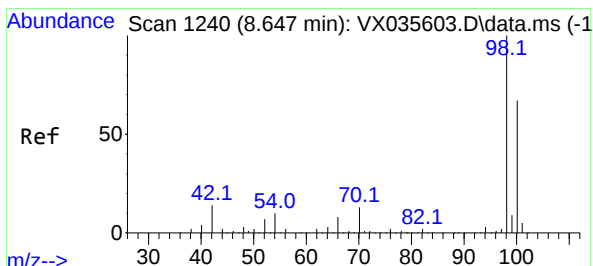
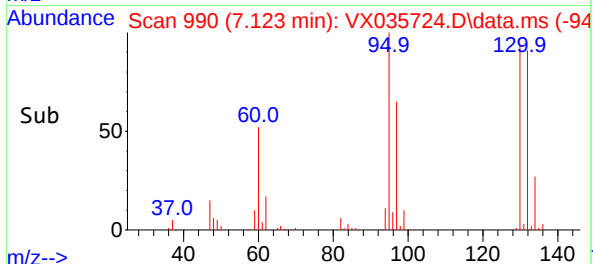
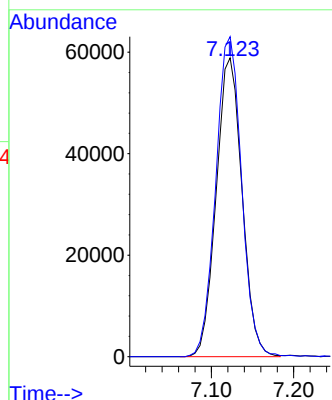
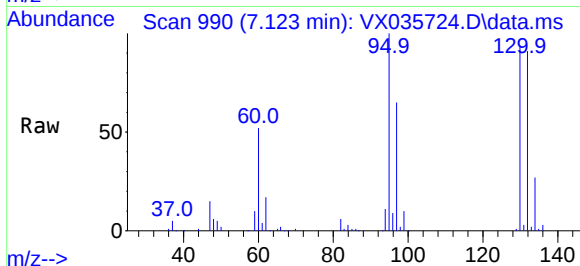




#44
Trichloroethene
Concen: 49.653 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035724.D
Acq: 17 May 2023 17:33

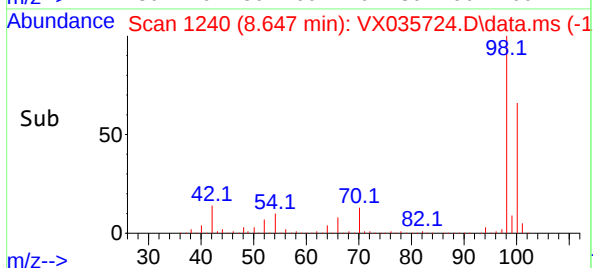
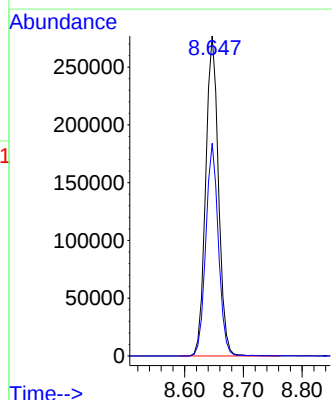
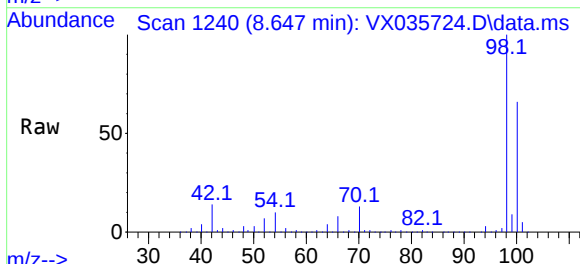
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-55-050923

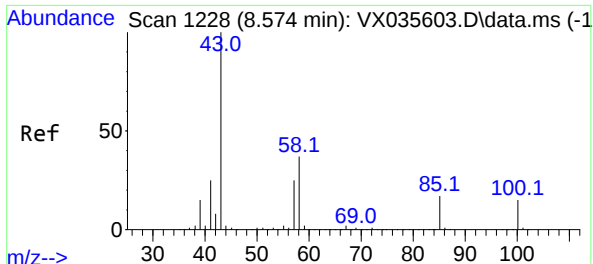
Tgt Ion:130 Resp: 128713
Ion Ratio Lower Upper
130 100
95 107.1 0.0 198.4



#50
Toluene-d8
Concen: 49.035 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035724.D
Acq: 17 May 2023 17:33

Tgt Ion: 98 Resp: 419395
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

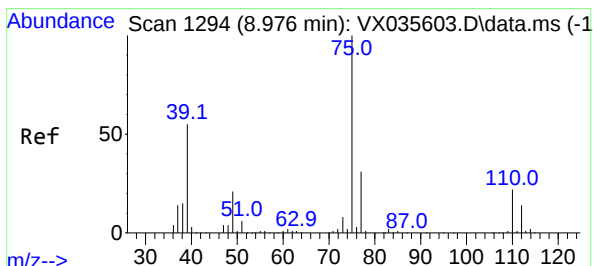
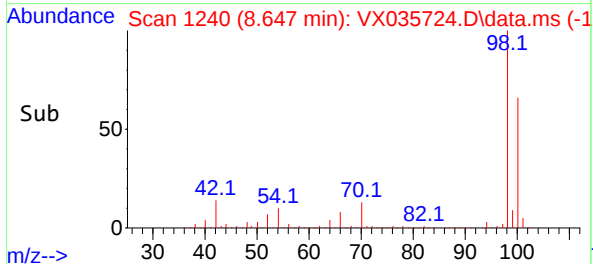
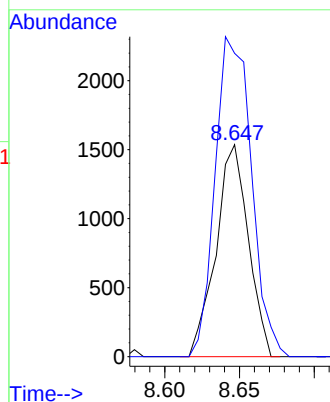
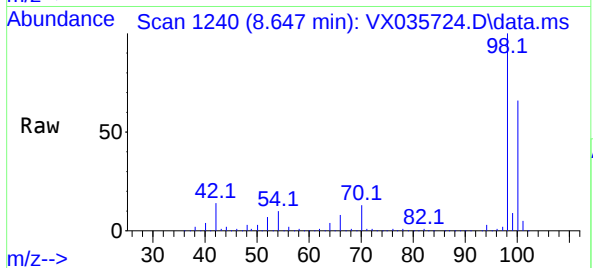




#51
4-Methyl-2-Pentanone
Concen: 0.604 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX035724.D
Acq: 17 May 2023 17:33

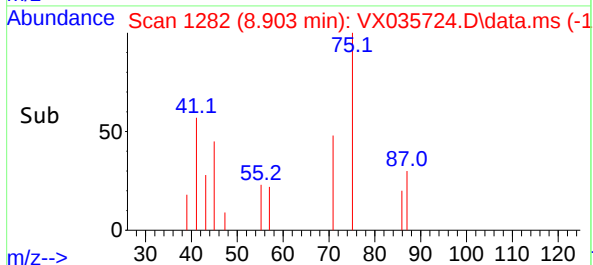
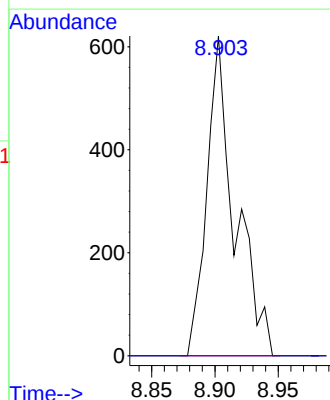
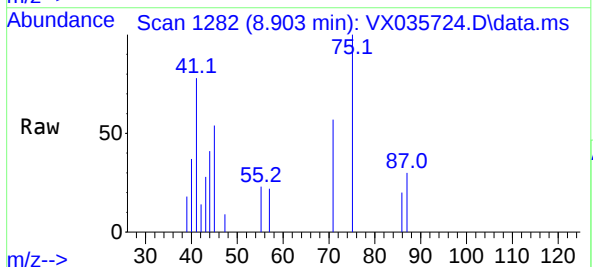
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-55-050923

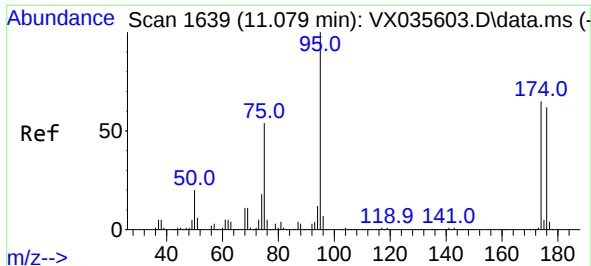
Tgt Ion: 43 Resp: 2313
Ion Ratio Lower Upper
43 100
58 169.3 30.6 46.0#



#53
t-1,3-Dichloropropene
Concen: 0.247 ug/l
RT: 8.903 min Scan# 1282
Delta R.T. -0.073 min
Lab File: VX035724.D
Acq: 17 May 2023 17:33

Tgt Ion: 75 Resp: 960
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#

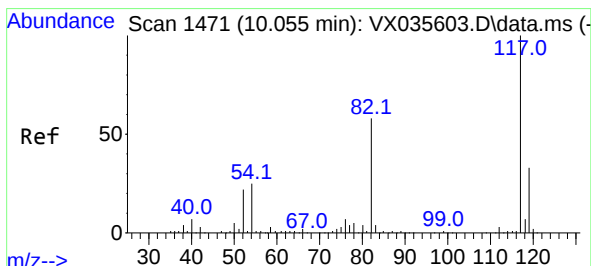
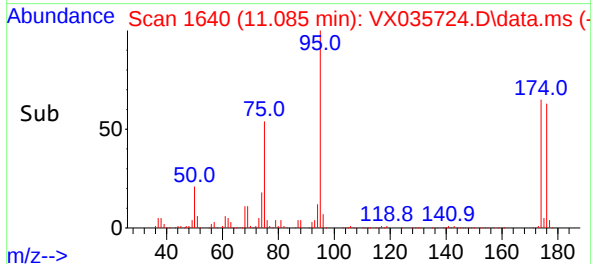
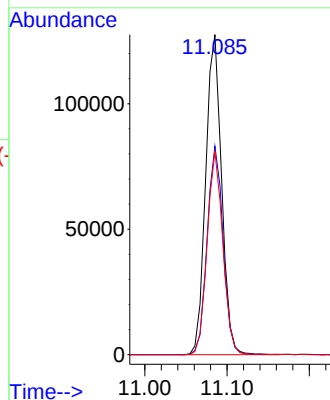
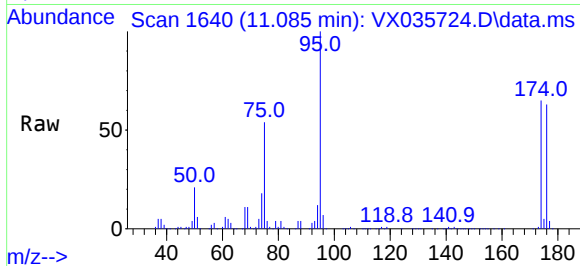




#62
4-Bromofluorobenzene
Concen: 49.801 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX035724.D
Acq: 17 May 2023 17:33

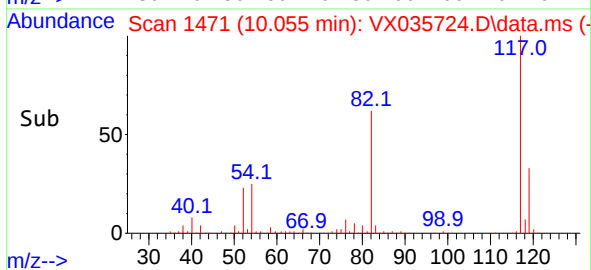
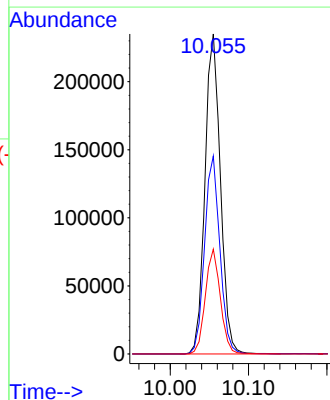
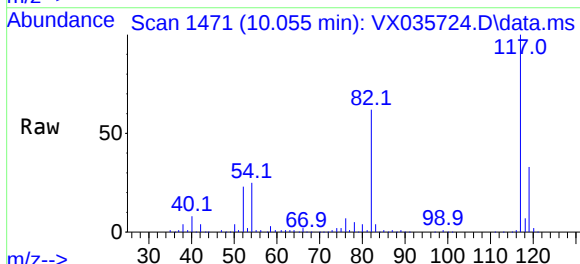
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-55-050923

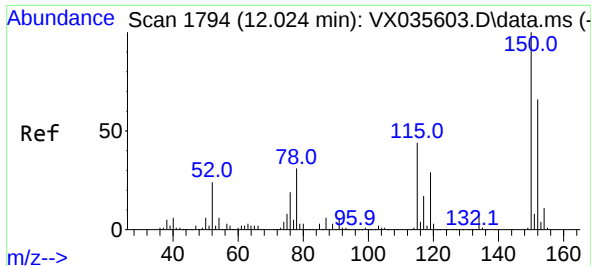
Tgt Ion: 95 Resp: 171502
Ion Ratio Lower Upper
95 100
174 65.5 0.0 147.4
176 62.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035724.D
Acq: 17 May 2023 17:33

Tgt Ion: 117 Resp: 321257
Ion Ratio Lower Upper
117 100
82 61.8 45.0 67.4
119 32.7 26.0 39.0

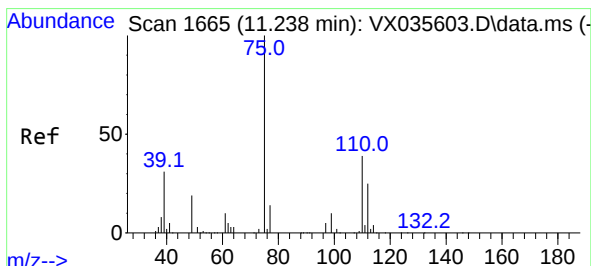
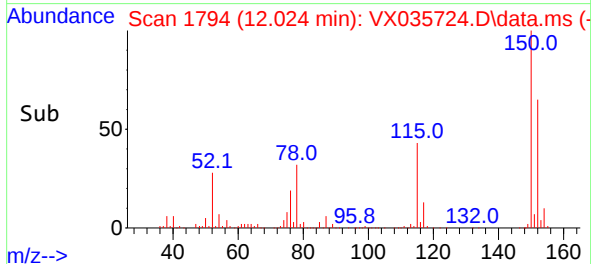
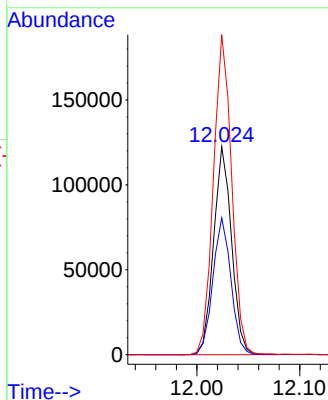
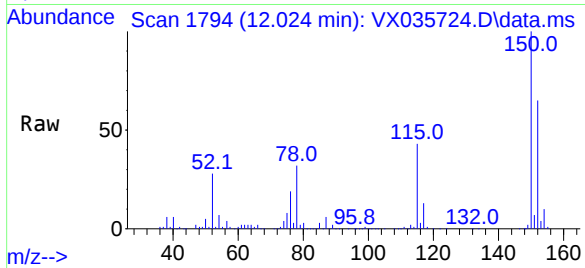




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035724.D
Acq: 17 May 2023 17:33

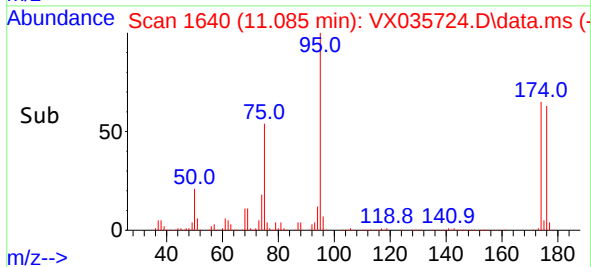
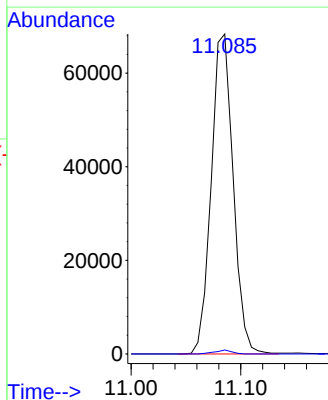
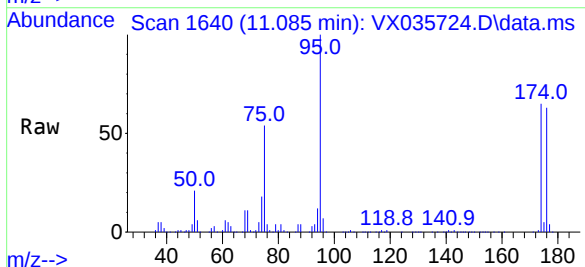
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-55-050923

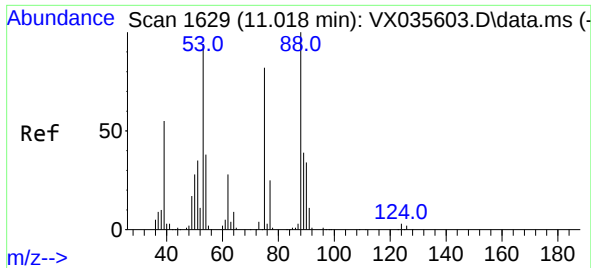
Tgt Ion:152 Resp: 148724
Ion Ratio Lower Upper
152 100
115 66.3 45.0 135.0
150 156.6 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 26.147 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX035724.D
Acq: 17 May 2023 17:33

Tgt Ion: 75 Resp: 95120
Ion Ratio Lower Upper
75 100
77 0.9 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.269 ug/l
 RT: 11.085 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VX035724.D
 Acq: 17 May 2023 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-14-G1-SO-55-050923

Tgt Ion: 75 Resp: 95120
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

