

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051723\
 Data File : VX035719.D
 Acq On : 17 May 2023 15:37
 Operator : JC/MD
 Sample : 02723-08
 Misc : 5.77g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-14-G1-SO-35.5-050923ME

Quant Time: May 18 04:42:10 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	182960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	341290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135631	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156360	48.988	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.980%
35) Dibromofluoromethane	5.385	113	101376	44.045	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.080%
50) Toluene-d8	8.647	98	412697	48.536	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.080%
62) 4-Bromofluorobenzene	11.085	95	165579	48.364	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.720%

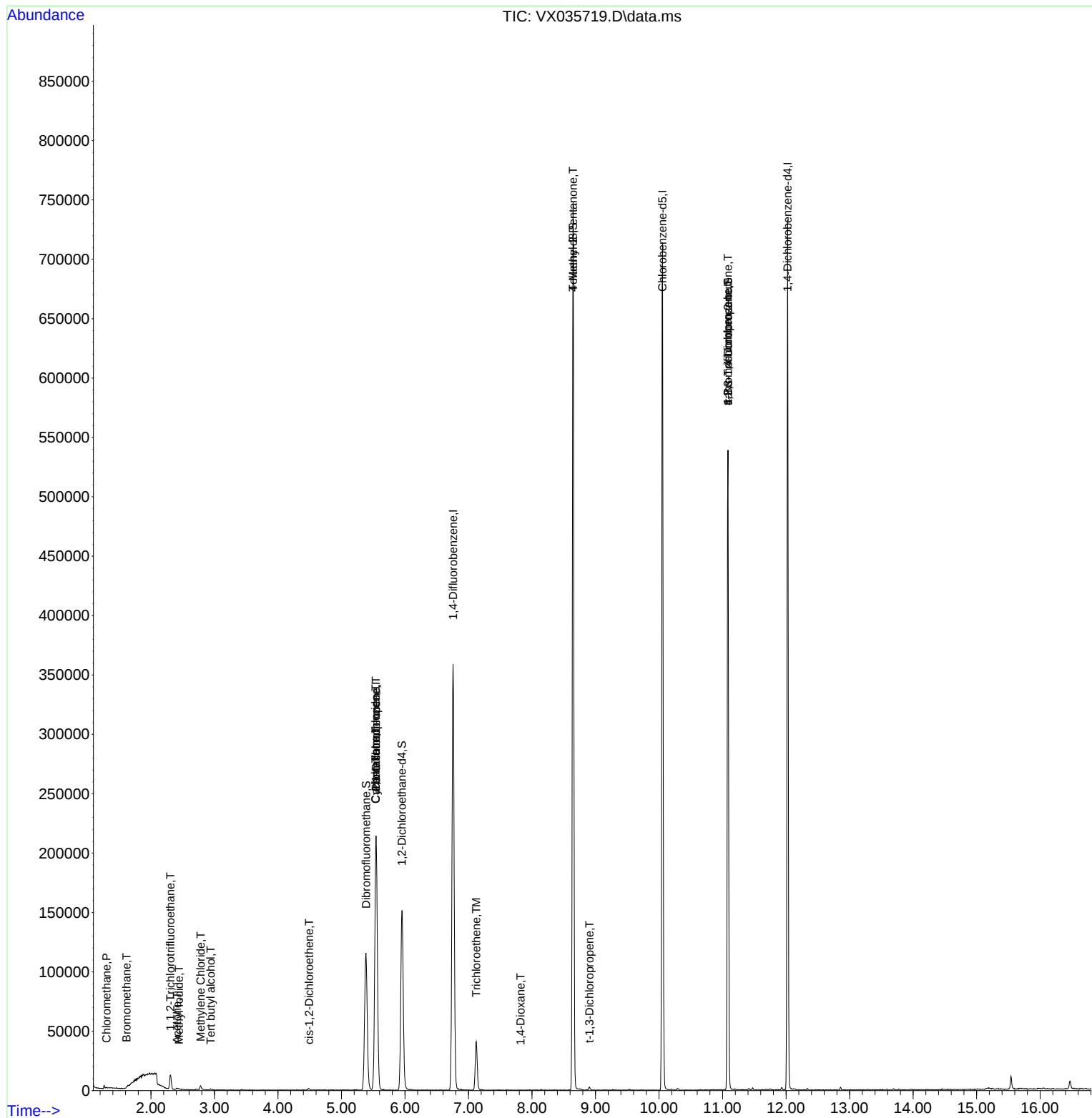
Target Compounds				Qvalue		
3) Chloromethane	1.301	50	708	0.245	ug/l	92
5) Bromomethane	1.618	94	484	0.364	ug/l #	69
9) 1,1,2-Trichlorotrifluo...	2.306	101	4708	2.196	ug/l	94
10) Methyl Iodide	2.441	142	525	0.274	ug/l #	85
11) Tert butyl alcohol	2.940	59	558	0.991	ug/l #	73
16) Acetone	2.410	43	1703	1.241	ug/l #	85
20) Methylene Chloride	2.782	84	1459	0.587	ug/l #	81
27) cis-1,2-Dichloroethene	4.489	96	703	0.262	ug/l	84
31) Cyclohexane	5.538	56	5011	1.243	ug/l #	40
36) 1,1-Dichloropropene	5.544	75	18719	5.152	ug/l #	50
38) Carbon Tetrachloride	5.538	117	20953	6.088	ug/l #	16
44) Trichloroethene	7.123	130	15031	5.833	ug/l	98
49) 1,4-Dioxane	7.818	88	19	2.264	ug/l #	1
51) 4-Methyl-2-Pentanone	8.647	43	2360	0.620	ug/l #	1
53) t-1,3-Dichloropropene	8.903	75	884	0.228	ug/l #	43
76) 1,2,3-Trichloropropane	11.085	75	89999	27.128	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	89999	87.429	ug/l #	8

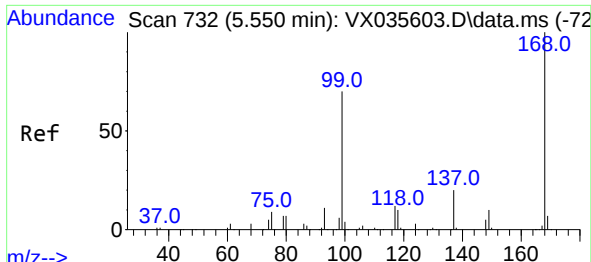
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

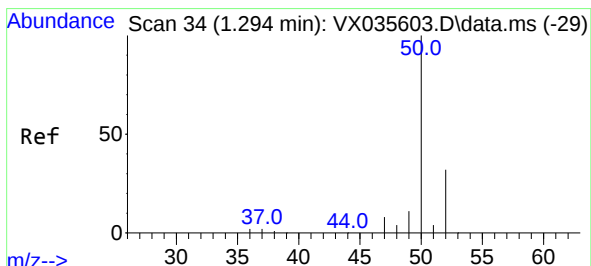
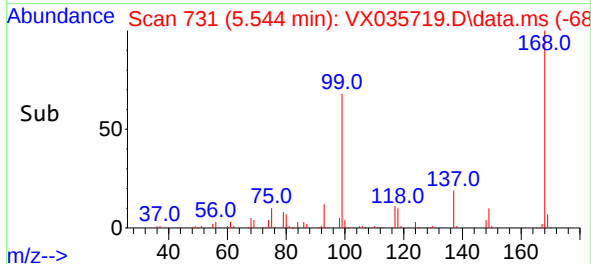
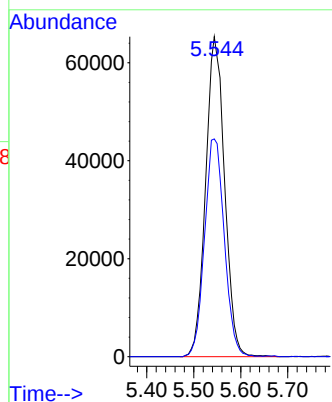
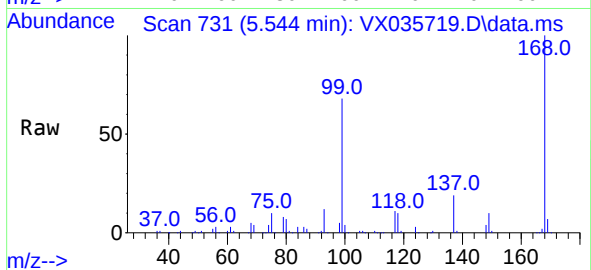




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX035719.D
Acq: 17 May 2023 15:37

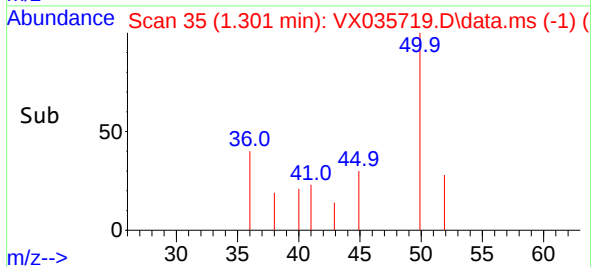
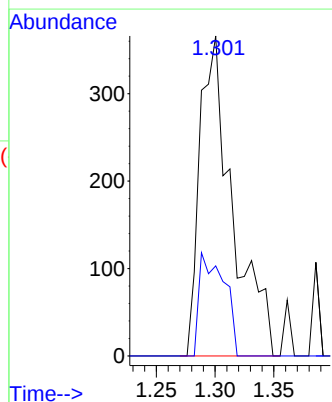
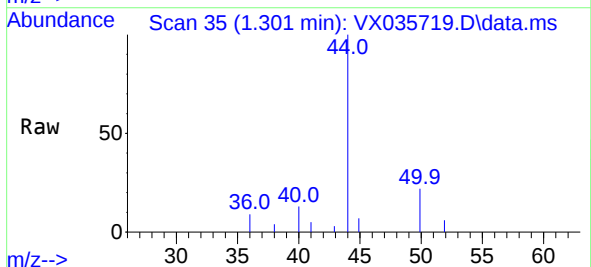
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-35.5-050923ME

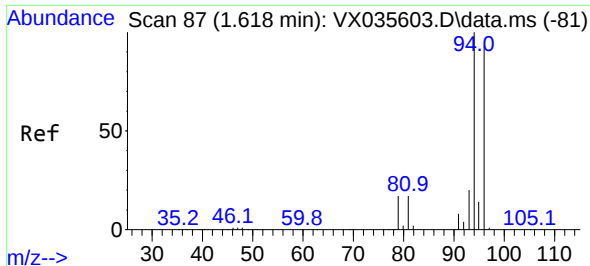
Tgt Ion:168 Resp: 182960
Ion Ratio Lower Upper
168 100
99 68.1 45.7 68.5



#3
Chloromethane
Concen: 0.245 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX035719.D
Acq: 17 May 2023 15:37

Tgt Ion: 50 Resp: 708
Ion Ratio Lower Upper
50 100
52 28.1 25.9 38.9

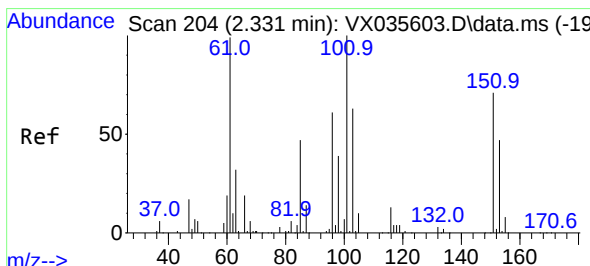
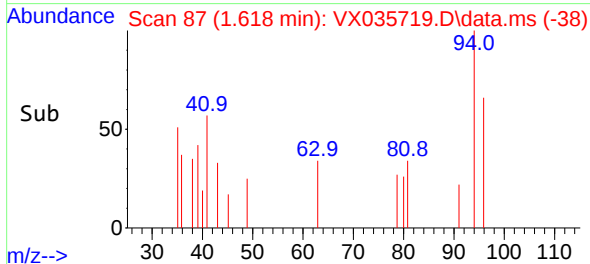
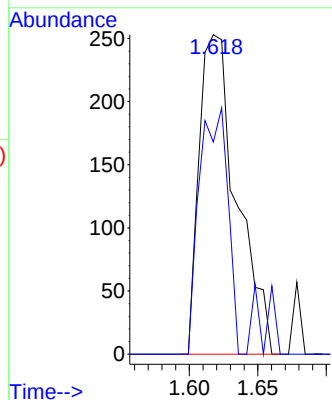
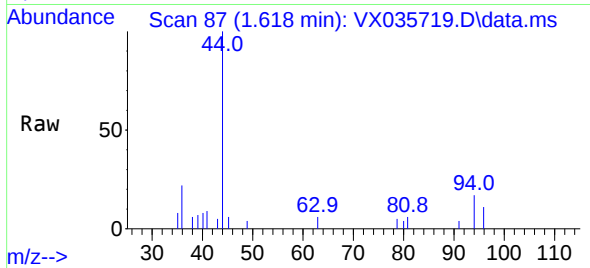




#5
Bromomethane
Concen: 0.364 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035719.D
Acq: 17 May 2023 15:37

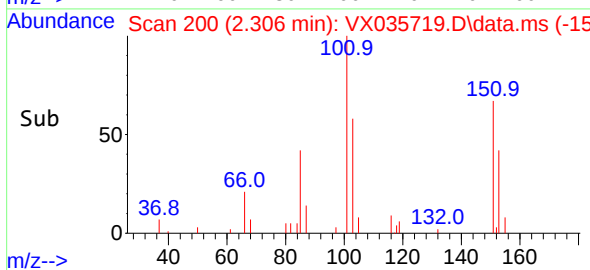
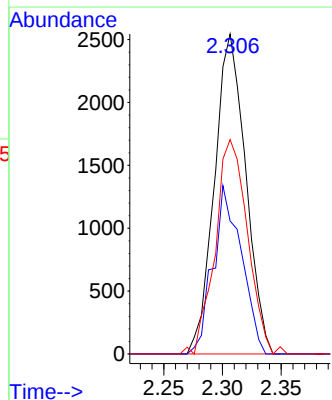
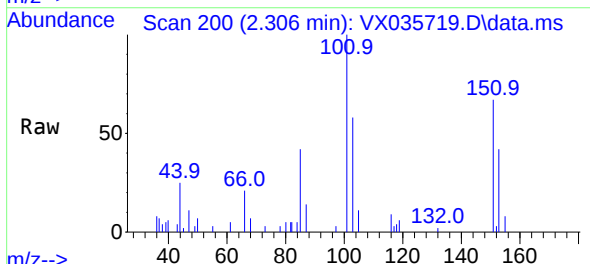
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-35.5-050923ME

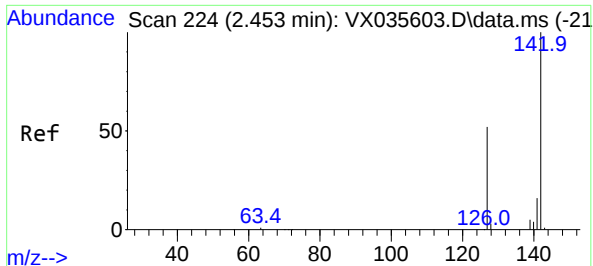
Tgt Ion: 94 Resp: 484
Ion Ratio Lower Upper
94 100
96 66.4 77.0 115.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.196 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.025 min
Lab File: VX035719.D
Acq: 17 May 2023 15:37

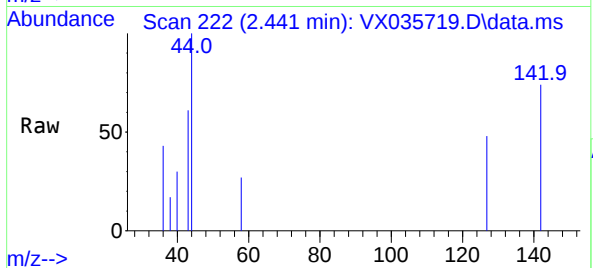
Tgt Ion: 101 Resp: 4708
Ion Ratio Lower Upper
101 100
85 47.7 35.4 53.2
151 69.3 60.2 90.4



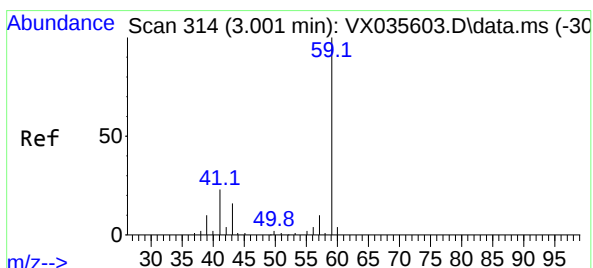
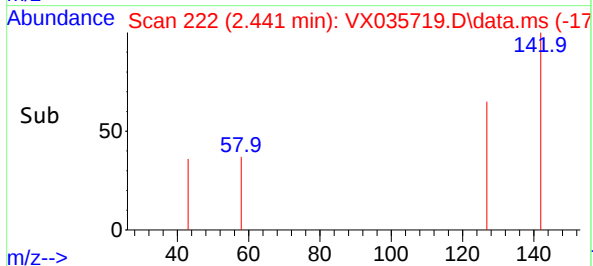
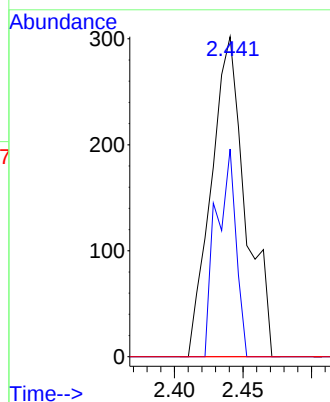


#10
Methyl Iodide
Concen: 0.274 ug/l
RT: 2.441 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX035719.D
Acq: 17 May 2023 15:37

Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-35.5-050923ME

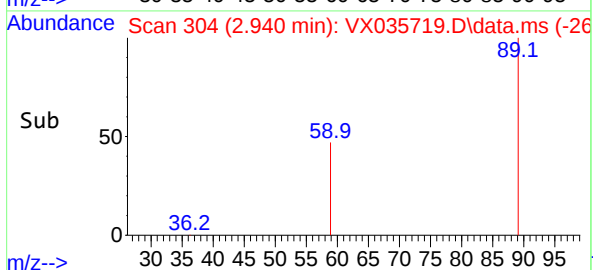
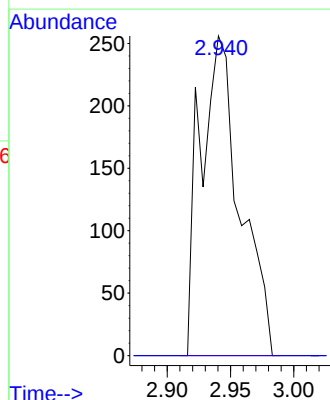
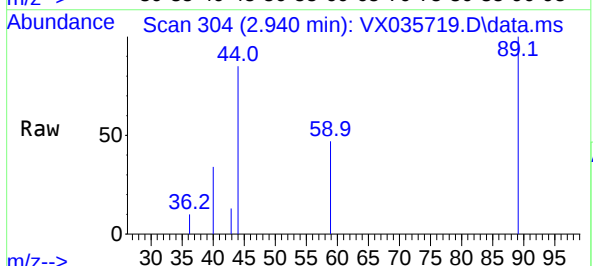


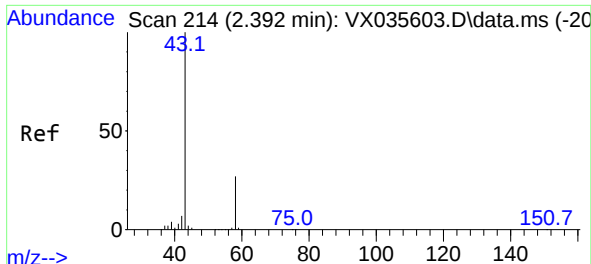
Tgt Ion:142 Resp: 525
Ion Ratio Lower Upper
142 100
127 37.3 34.0 51.0
141 0.0 11.1 16.7#



#11
Tert butyl alcohol
Concen: 0.991 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.061 min
Lab File: VX035719.D
Acq: 17 May 2023 15:37

Tgt Ion: 59 Resp: 558
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

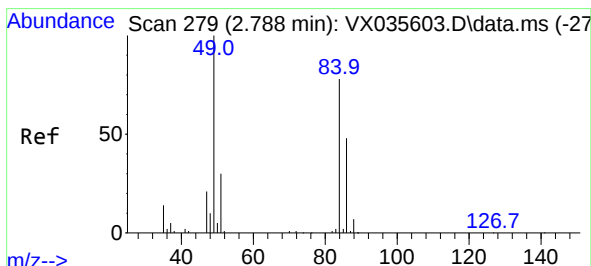
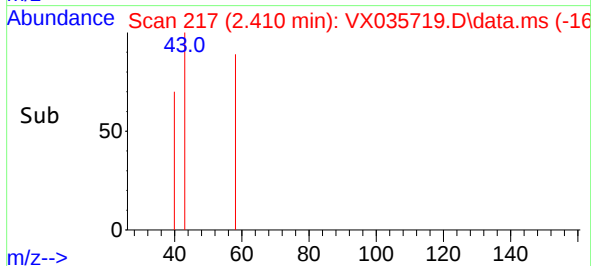
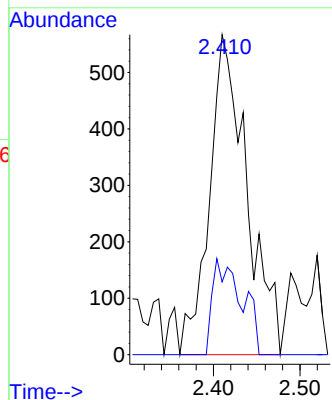
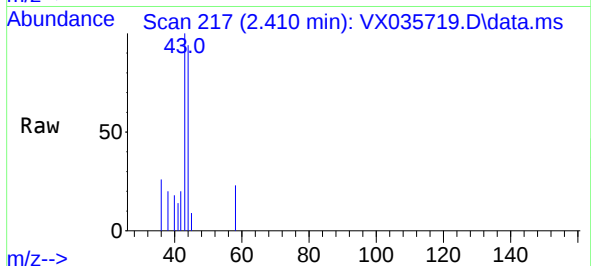




#16
Acetone
Concen: 1.241 ug/l
RT: 2.410 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX035719.D
Acq: 17 May 2023 15:37

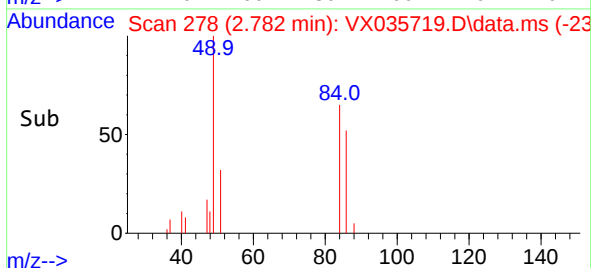
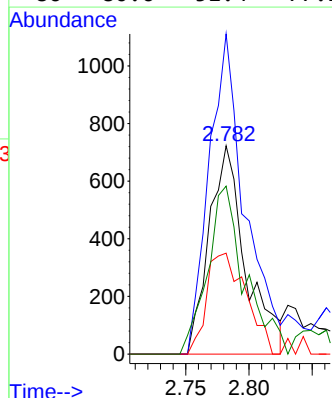
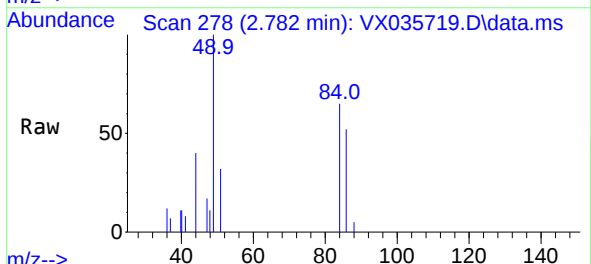
Instrument : MSVOA_X
ClientSampleId : CB-14-G1-SO-35.5-050923ME

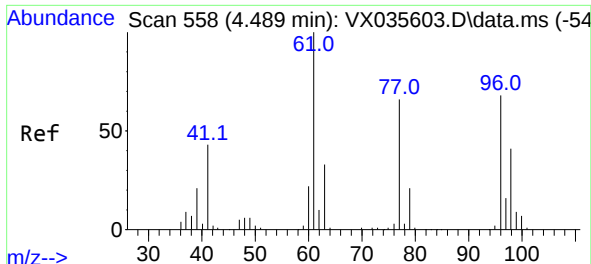
Tgt Ion: 43 Resp: 1703
Ion Ratio Lower Upper
43 100
58 22.8 24.7 37.1#



#20
Methylene Chloride
Concen: 0.587 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX035719.D
Acq: 17 May 2023 15:37

Tgt Ion: 84 Resp: 1459
Ion Ratio Lower Upper
84 100
49 153.7 103.8 155.8
51 48.4 31.8 47.8#
86 80.6 51.4 77.2#



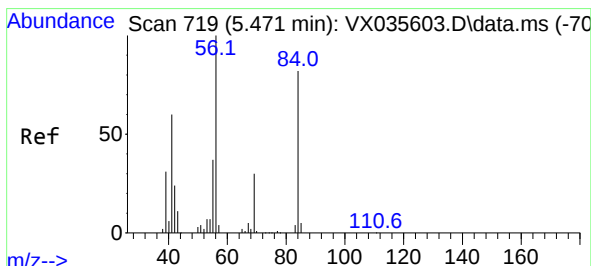
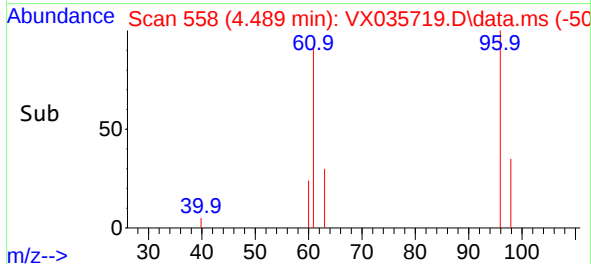
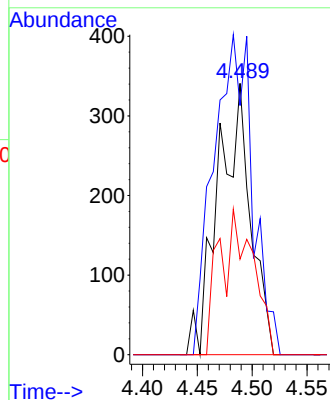
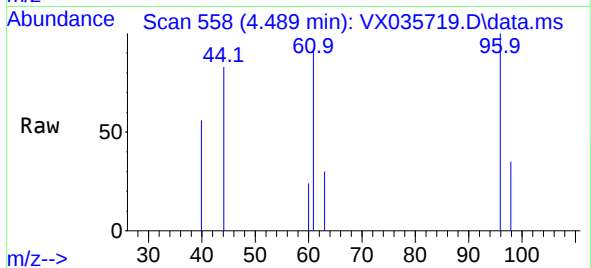


#27
cis-1,2-Dichloroethene
Concen: 0.262 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX035719.D
Acq: 17 May 2023 15:37

Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-35.5-050923ME

Tgt Ion: 96 Resp: 703

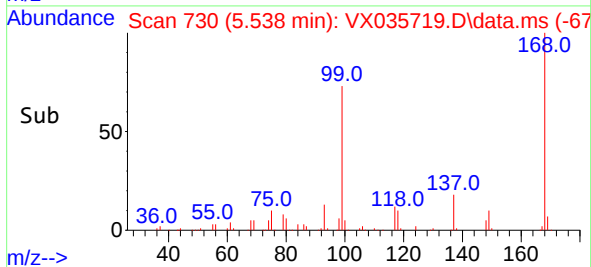
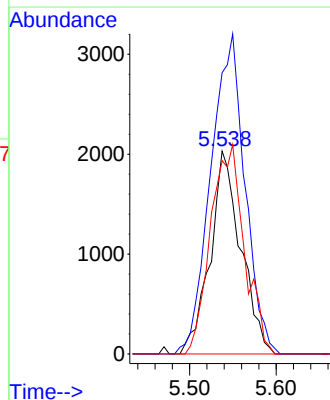
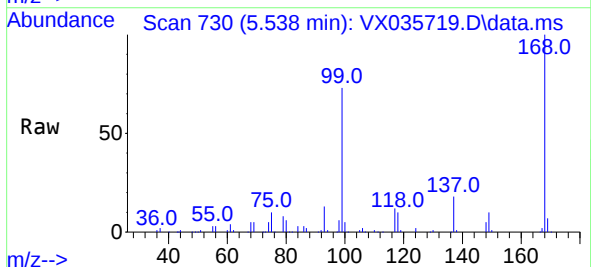
Ion	Ratio	Lower	Upper
96	100		
61	140.5	0.0	300.4
98	37.0	0.0	129.0

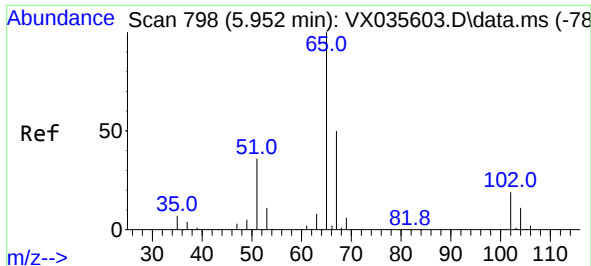


#31
Cyclohexane
Concen: 1.243 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.067 min
Lab File: VX035719.D
Acq: 17 May 2023 15:37

Tgt Ion: 56 Resp: 5011

Ion	Ratio	Lower	Upper
56	100		
69	138.7	23.7	35.5#
84	95.3	68.5	102.7





#33

1,2-Dichloroethane-d4

Concen: 48.988 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035719.D

Acq: 17 May 2023 15:37

Instrument :

MSVOA_X

ClientSampleId :

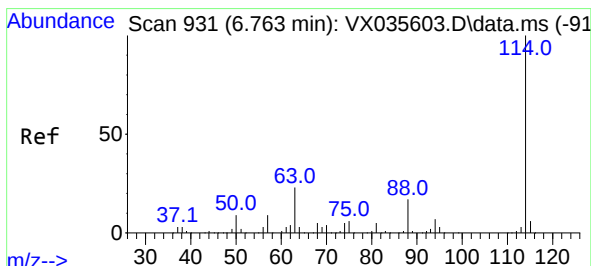
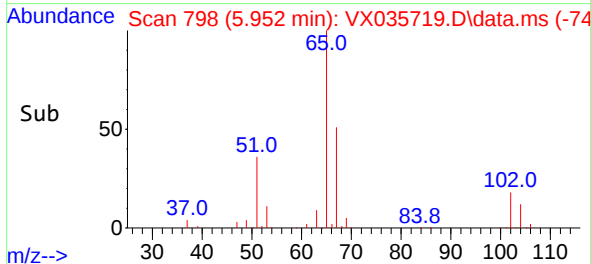
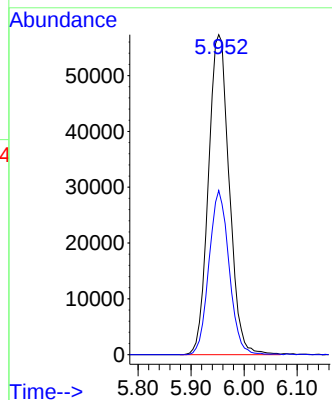
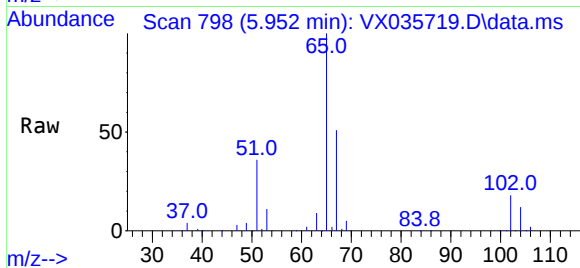
CB-14-G1-SO-35.5-050923ME

Tgt Ion: 65 Resp: 156360

Ion Ratio Lower Upper

65 100

67 49.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035719.D

Acq: 17 May 2023 15:37

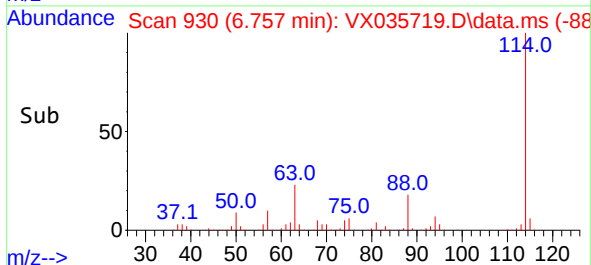
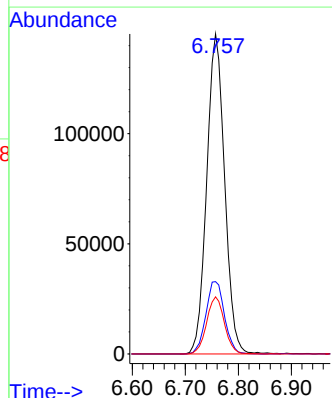
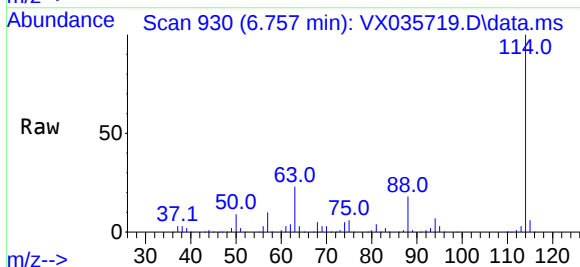
Tgt Ion: 114 Resp: 341290

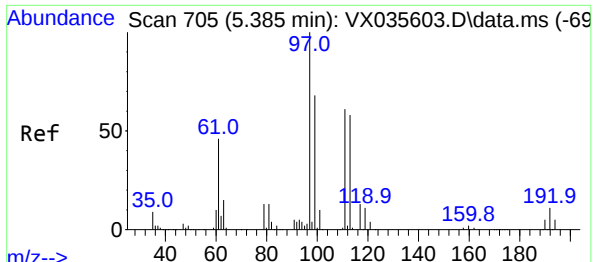
Ion Ratio Lower Upper

114 100

63 22.6 0.0 42.2

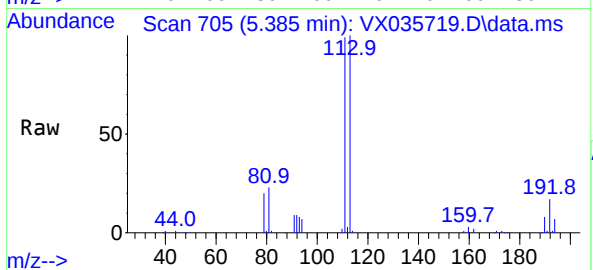
88 17.9 0.0 33.2



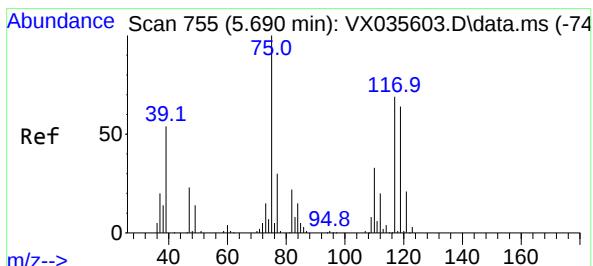
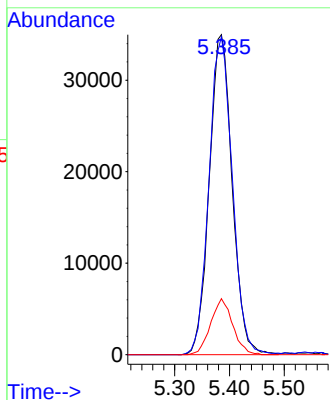
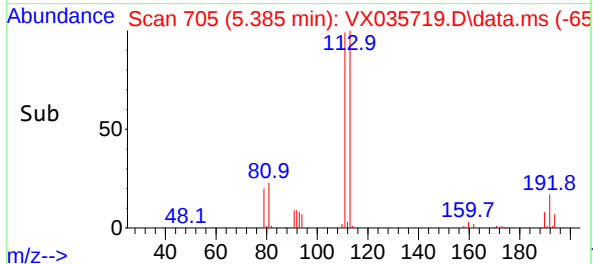


#35
Dibromofluoromethane
Concen: 44.045 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035719.D
Acq: 17 May 2023 15:37

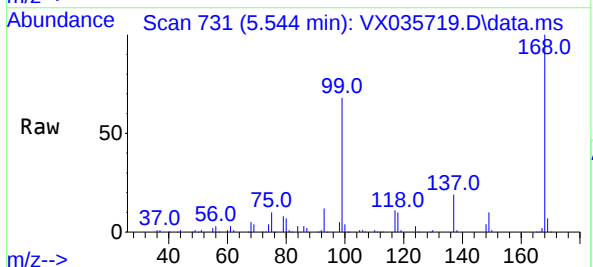
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-35.5-050923ME



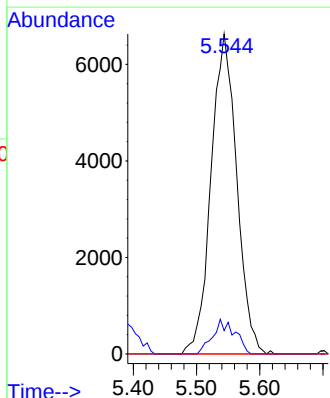
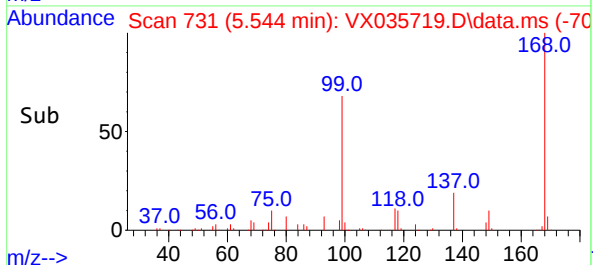
Tgt Ion:113 Resp: 101376
Ion Ratio Lower Upper
113 100
111 101.3 83.7 125.5
192 16.8 15.4 23.2

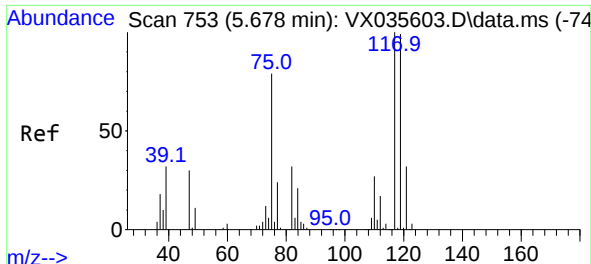


#36
1,1-Dichloropropene
Concen: 5.152 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX035719.D
Acq: 17 May 2023 15:37



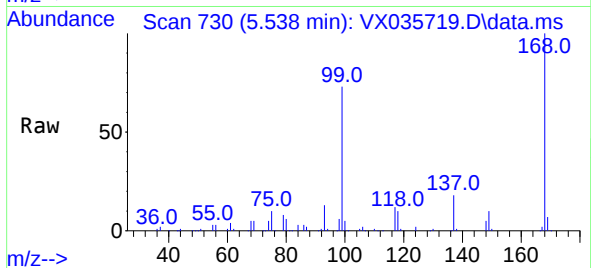
Tgt Ion: 75 Resp: 18719
Ion Ratio Lower Upper
75 100
110 9.3 17.5 52.5#
77 0.0 24.3 36.5#



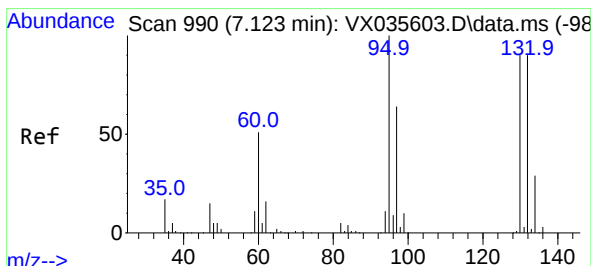
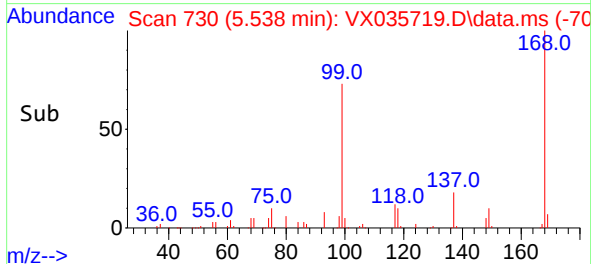
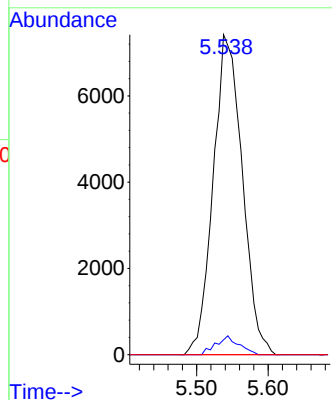


#38
Carbon Tetrachloride
Concen: 6.088 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX035719.D
Acq: 17 May 2023 15:37

Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-35.5-050923ME

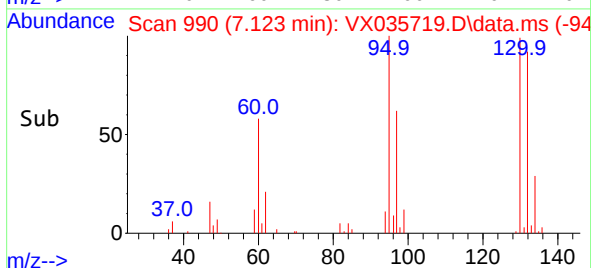
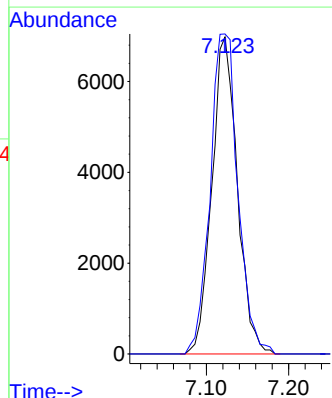
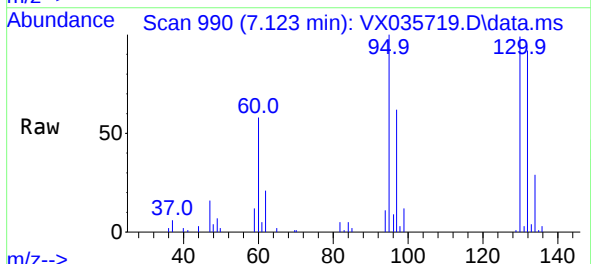


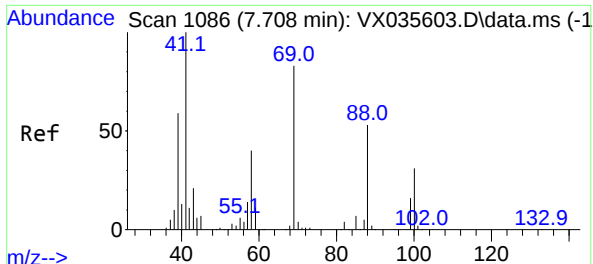
Tgt Ion:117 Resp: 20953
Ion Ratio Lower Upper
117 100
119 4.6 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 5.833 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035719.D
Acq: 17 May 2023 15:37

Tgt Ion:130 Resp: 15031
Ion Ratio Lower Upper
130 100
95 100.9 0.0 198.4

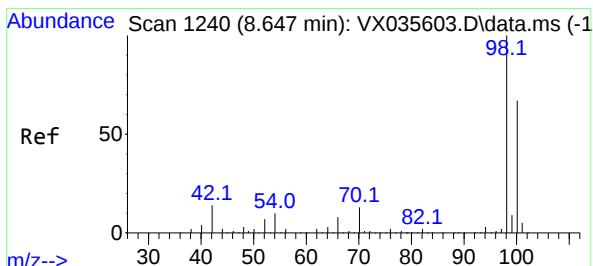
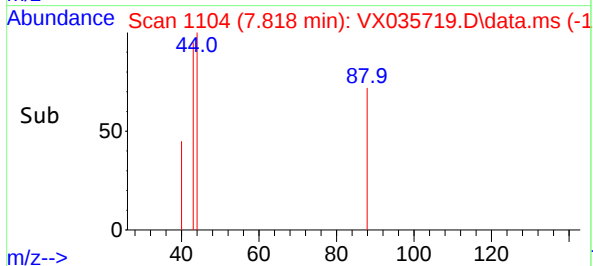
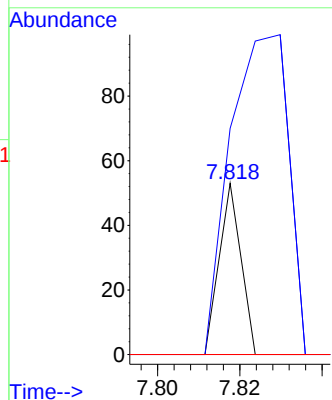
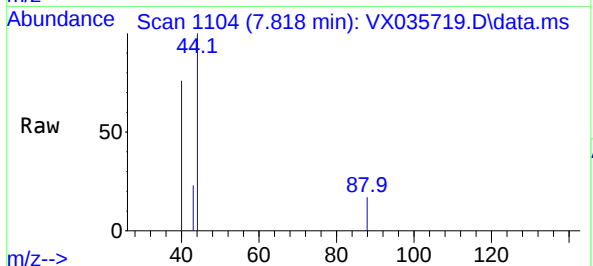




#49
1,4-Dioxane
Concen: 2.264 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.110 min
Lab File: VX035719.D
Acq: 17 May 2023 15:37

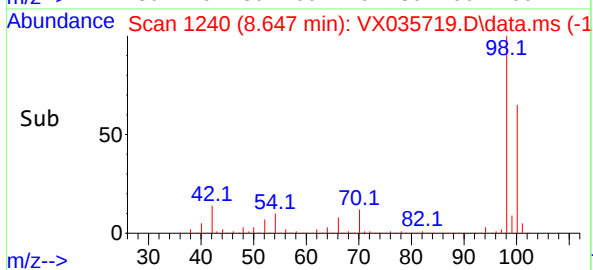
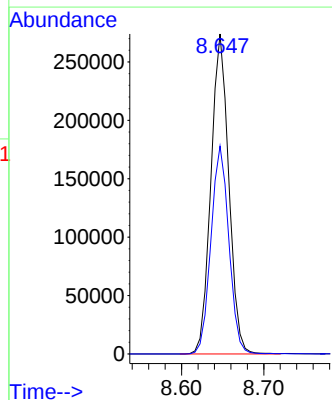
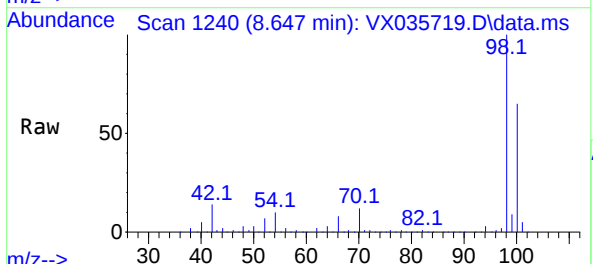
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-35.5-050923ME

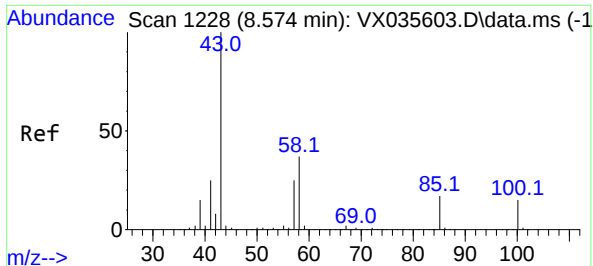
Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 510.5 27.7 41.5#
58 0.0 56.8 85.2#



#50
Toluene-d8
Concen: 48.536 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035719.D
Acq: 17 May 2023 15:37

Tgt Ion: 98 Resp: 412697
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.620 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX035719.D

Acq: 17 May 2023 15:37

Instrument :

MSVOA_X

ClientSampleId :

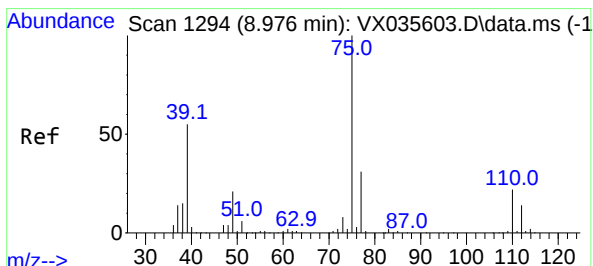
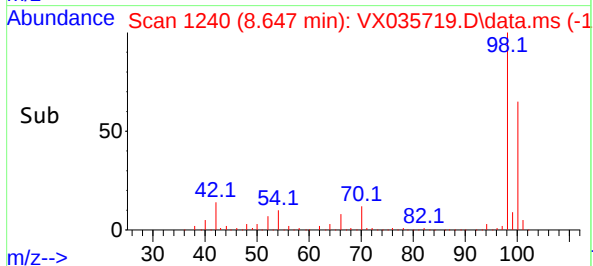
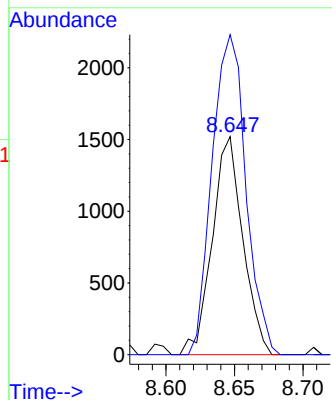
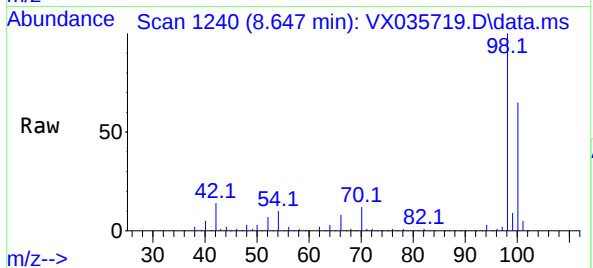
CB-14-G1-SO-35.5-050923ME

Tgt Ion: 43 Resp: 2360

Ion Ratio Lower Upper

43 100

58 162.4 30.6 46.0#



#53

t-1,3-Dichloropropene

Concen: 0.228 ug/l

RT: 8.903 min Scan# 1282

Delta R.T. -0.073 min

Lab File: VX035719.D

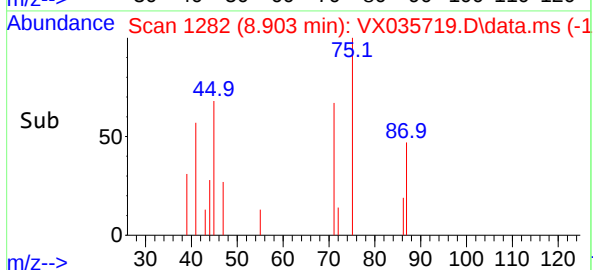
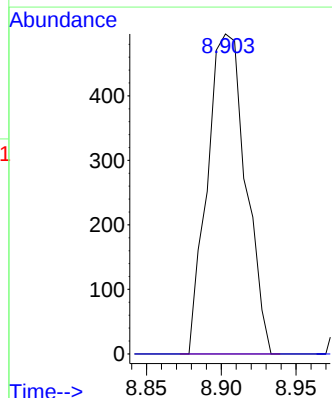
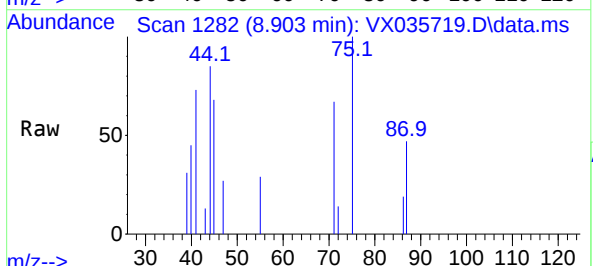
Acq: 17 May 2023 15:37

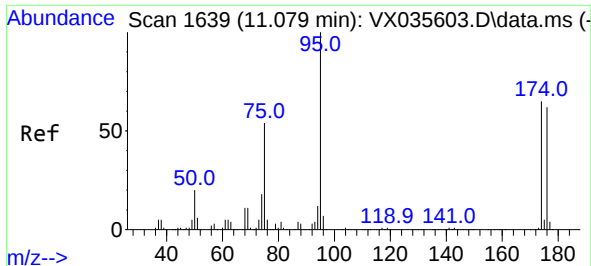
Tgt Ion: 75 Resp: 884

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#

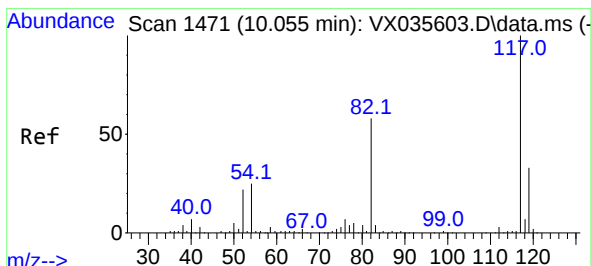
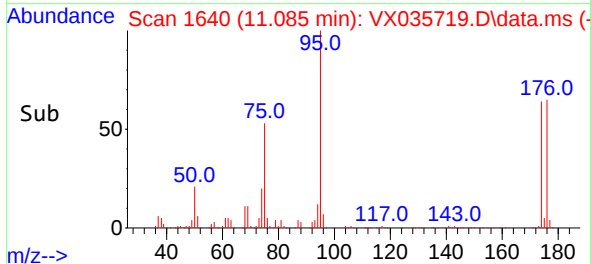
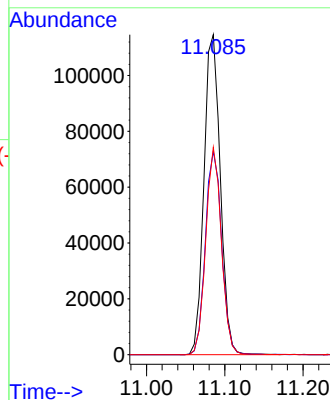
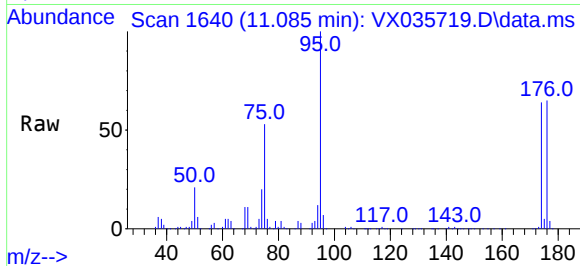




#62
4-Bromofluorobenzene
Concen: 48.364 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX035719.D
Acq: 17 May 2023 15:37

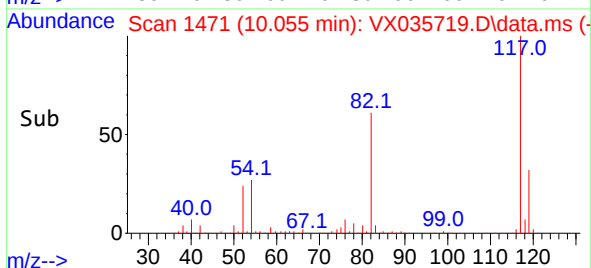
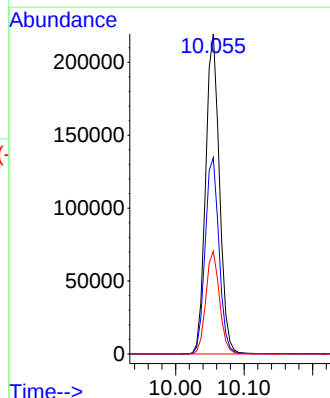
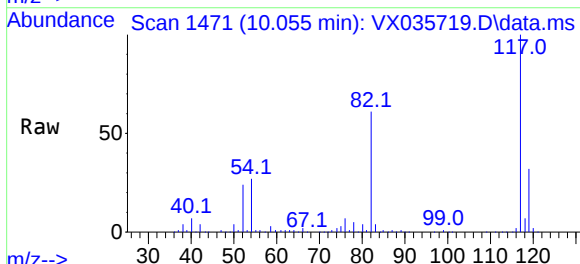
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-35.5-050923ME

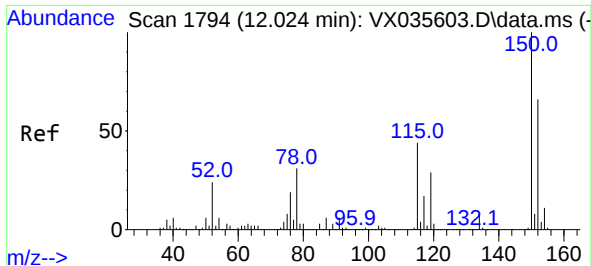
Tgt Ion: 95 Resp: 165579
Ion Ratio Lower Upper
95 100
174 63.5 0.0 147.4
176 62.2 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035719.D
Acq: 17 May 2023 15:37

Tgt Ion: 117 Resp: 308741
Ion Ratio Lower Upper
117 100
82 61.3 45.0 67.4
119 32.1 26.0 39.0

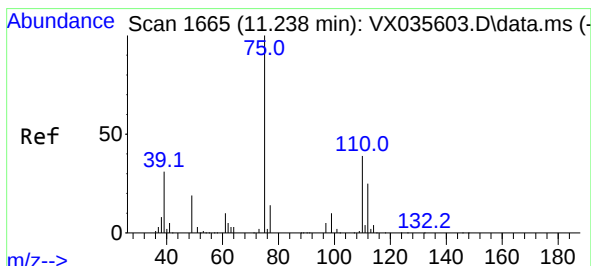
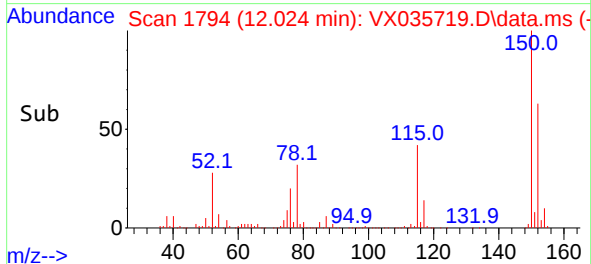
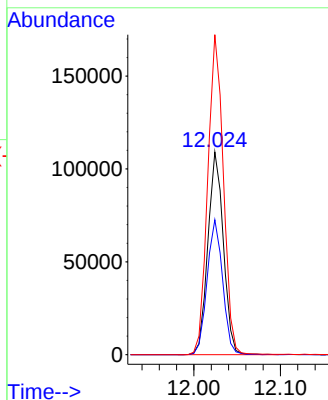
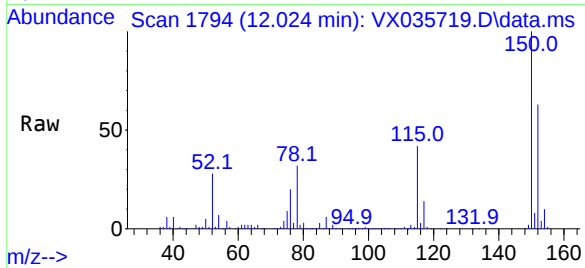




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035719.D
Acq: 17 May 2023 15:37

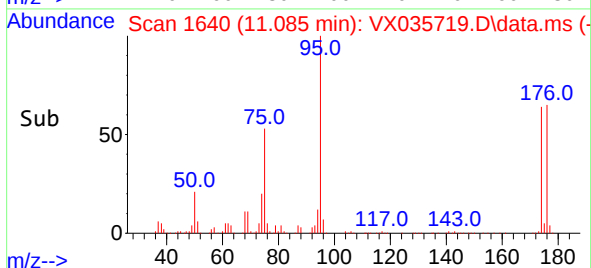
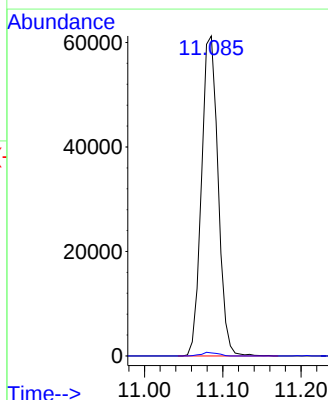
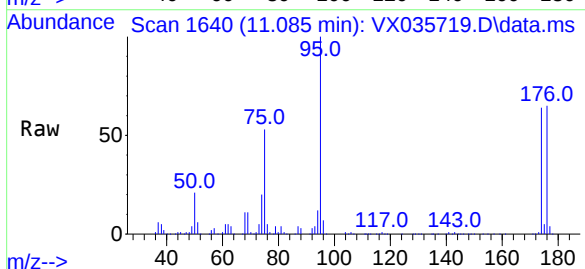
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-35.5-050923ME

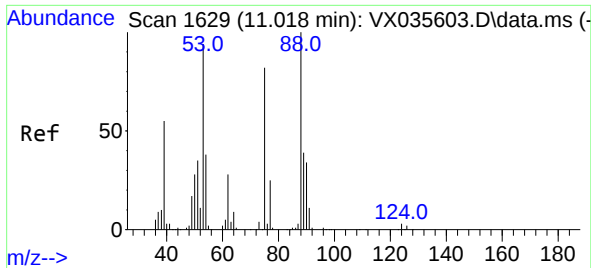
Tgt Ion:152 Resp: 135631
Ion Ratio Lower Upper
152 100
115 66.5 45.0 135.0
150 159.4 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 27.128 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX035719.D
Acq: 17 May 2023 15:37

Tgt Ion: 75 Resp: 89999
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.429 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX035719.D
 Acq: 17 May 2023 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-14-G1-SO-35.5-050923ME

Tgt Ion: 75 Resp: 89999
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

