

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051723\
 Data File : VX035722.D
 Acq On : 17 May 2023 16:47
 Operator : JC/MD
 Sample : 02723-09
 Misc : 5.18g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-14-G1-SO-44.5-050923ME

Quant Time: May 18 04:42:39 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)

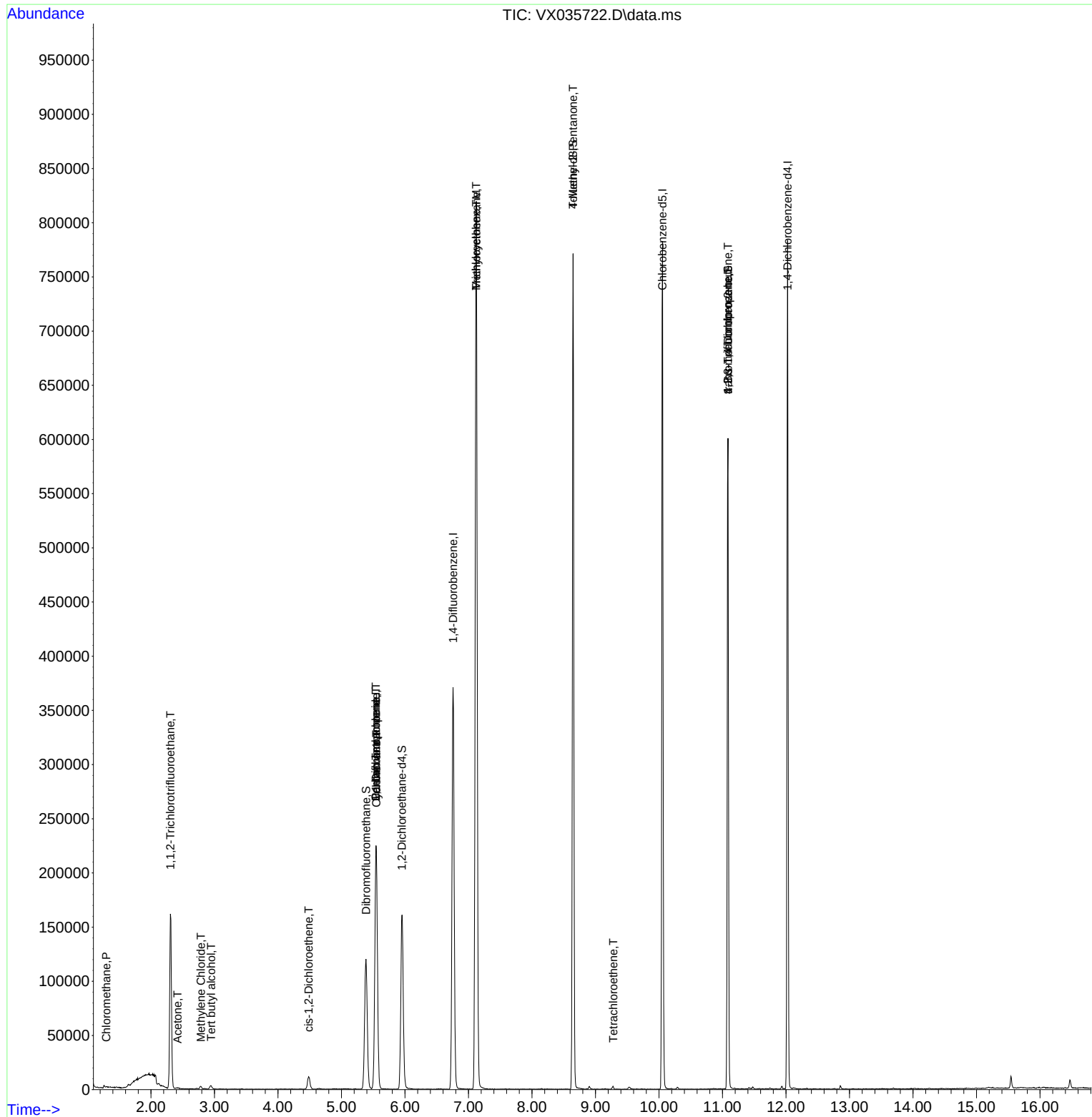
Internal Standards						
1) Pentafluorobenzene	5.544	168	193614	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	356330	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	330402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	162984	48.253	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.500%
35) Dibromofluoromethane	5.385	113	103677	43.143	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.280%
50) Toluene-d8	8.647	98	432573	48.726	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.460%
62) 4-Bromofluorobenzene	11.085	95	175057	48.974	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.940%
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	642	0.210	ug/l	# 88
9) 1,1,2-Trichlorotrifluo...	2.307	101	63373	27.934	ug/l	96
11) Tert butyl alcohol	2.947	59	2400	4.027	ug/l	# 73
16) Acetone	2.416	43	1230	0.847	ug/l	94
20) Methylene Chloride	2.788	84	1334	0.507	ug/l	# 80
27) cis-1,2-Dichloroethene	4.483	96	7118	2.506	ug/l	91
31) Cyclohexane	5.550	56	5235	1.227	ug/l	# 29
36) 1,1-Dichloropropene	5.544	75	19047	5.021	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	22762	6.335	ug/l	# 18
39) Methylcyclohexane	7.123	83	3738	0.837	ug/l	# 1
44) Trichloroethene	7.123	130	297255	110.477	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	2538	0.639	ug/l	# 1
64) Tetrachloroethene	9.281	164	568	0.255	ug/l	# 65
76) 1,2,3-Trichloropropane	11.085	75	95795	26.626	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.085	75	95795	85.812	ug/l	# 8

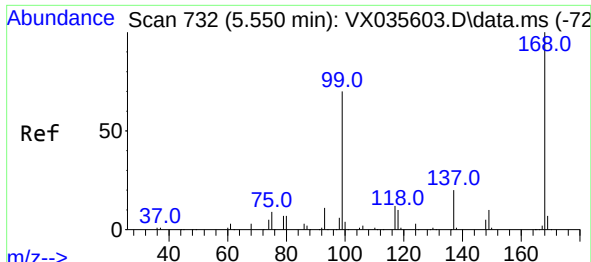
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CB-14-G1-SO-44.5-050923ME

Quant Time: May 18 04:42:39 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

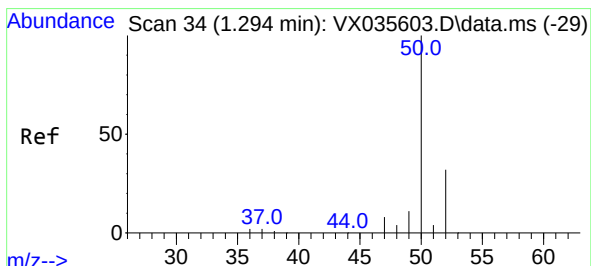
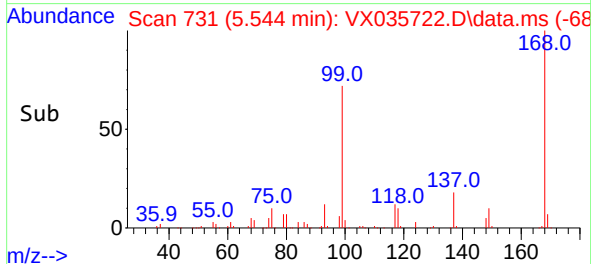
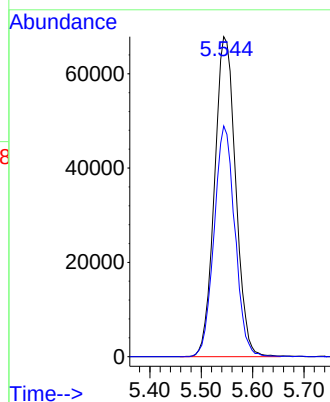
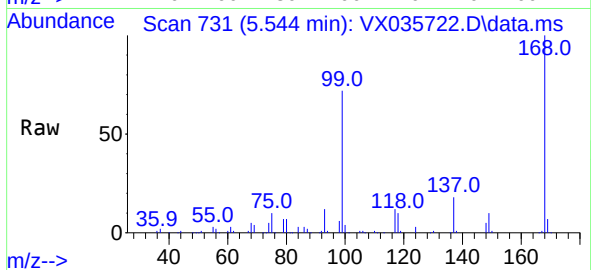




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX035722.D
Acq: 17 May 2023 16:47

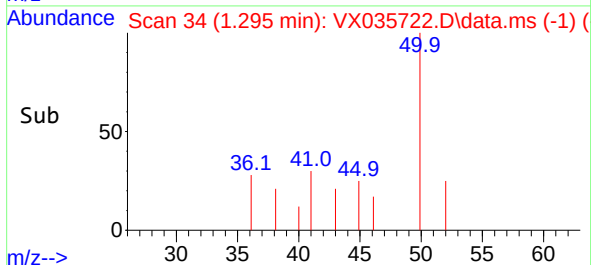
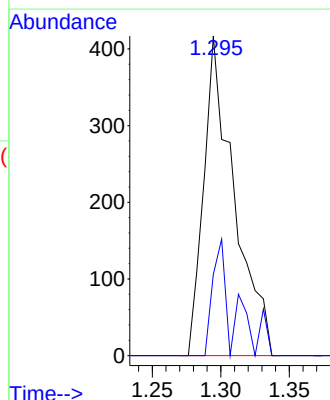
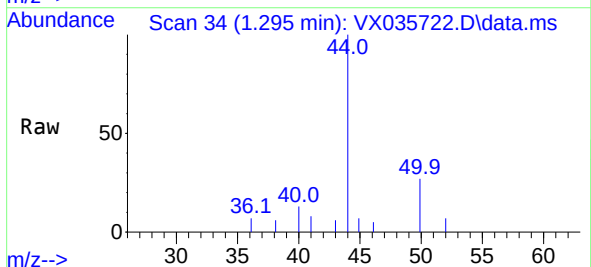
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-44.5-050923ME

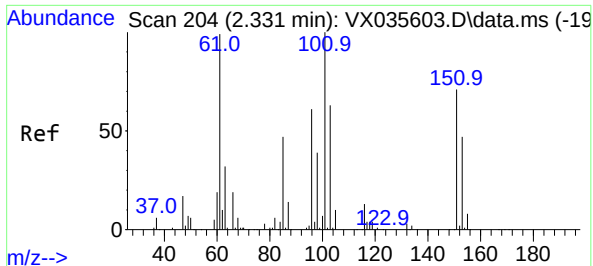
Tgt Ion:168 Resp: 193614
Ion Ratio Lower Upper
168 100
99 72.1 45.7 68.5#



#3
Chloromethane
Concen: 0.210 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035722.D
Acq: 17 May 2023 16:47

Tgt Ion: 50 Resp: 642
Ion Ratio Lower Upper
50 100
52 25.4 25.9 38.9#

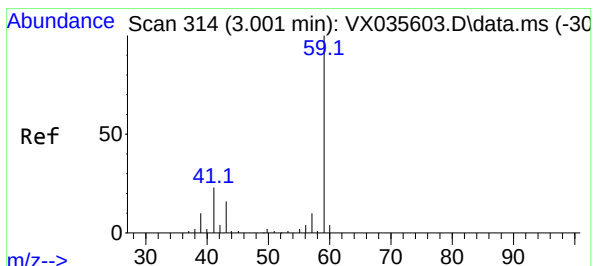
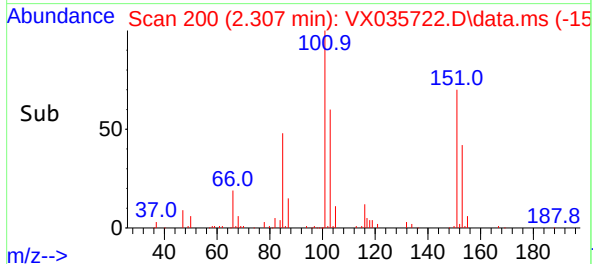
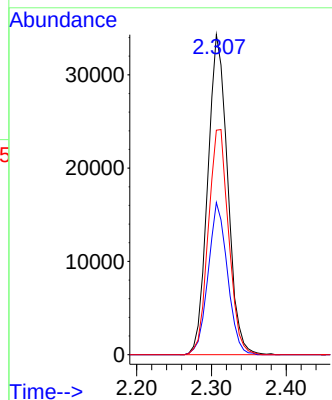
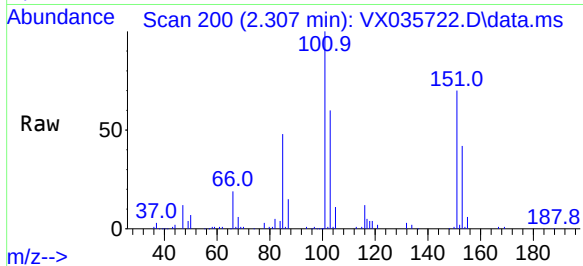




#9
1,1,2-Trichlorotrifluoroethane
Concen: 27.934 ug/l
RT: 2.307 min Scan# 204
Delta R.T. -0.024 min
Lab File: VX035722.D
Acq: 17 May 2023 16:47

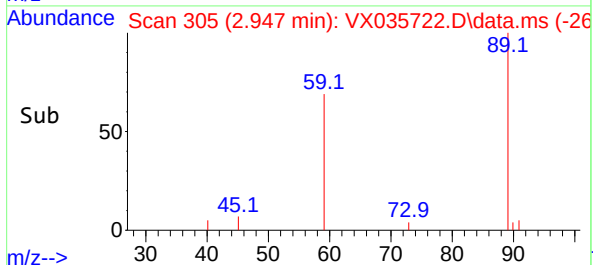
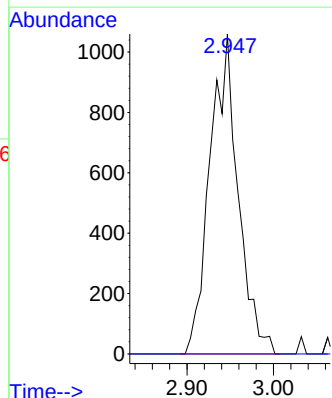
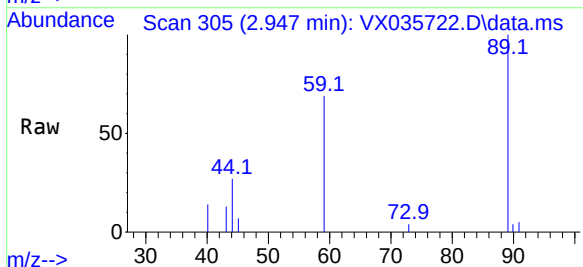
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-44.5-050923ME

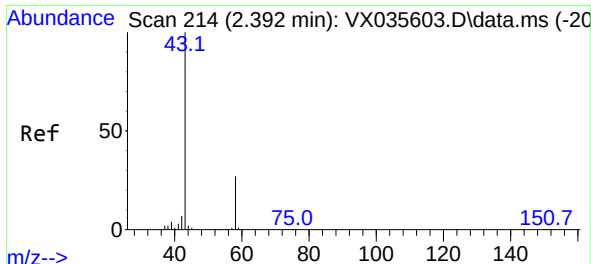
Tgt Ion:101 Resp: 63373
Ion Ratio Lower Upper
101 100
85 46.1 35.4 53.2
151 71.8 60.2 90.4



#11
Tert butyl alcohol
Concen: 4.027 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.054 min
Lab File: VX035722.D
Acq: 17 May 2023 16:47

Tgt Ion: 59 Resp: 2400
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

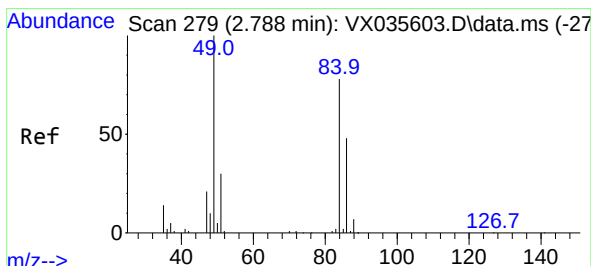
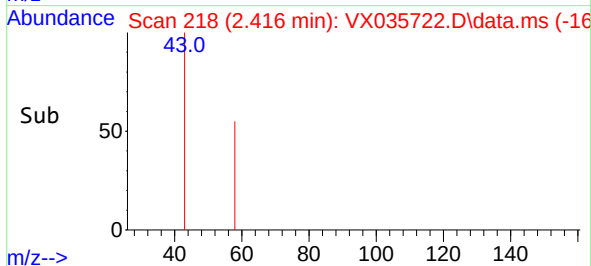
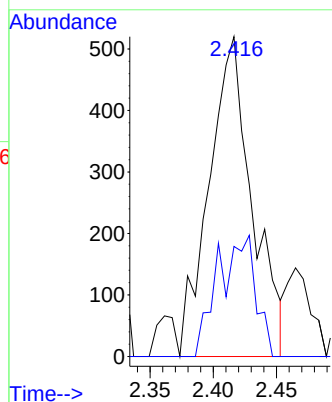
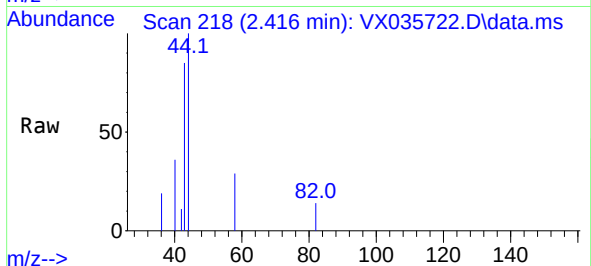




#16
Acetone
Concen: 0.847 ug/l
RT: 2.416 min Scan# 214
Delta R.T. 0.024 min
Lab File: VX035722.D
Acq: 17 May 2023 16:47

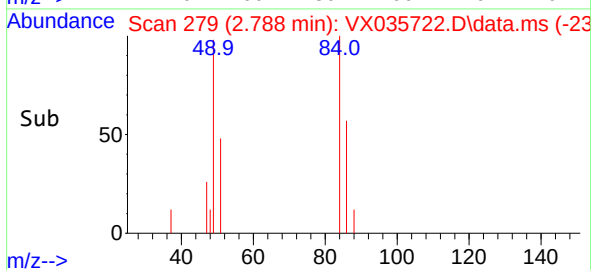
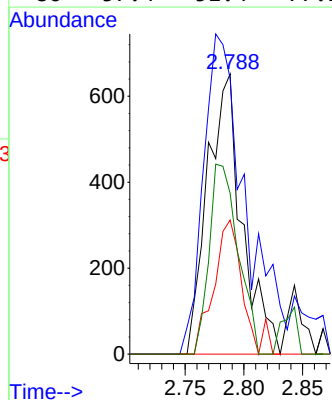
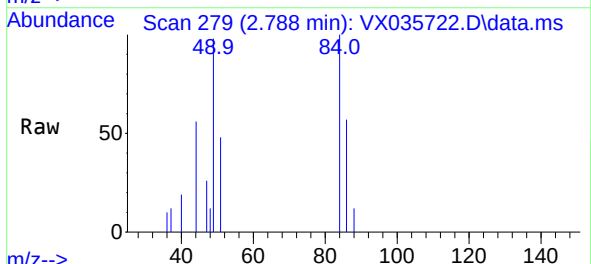
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-44.5-050923ME

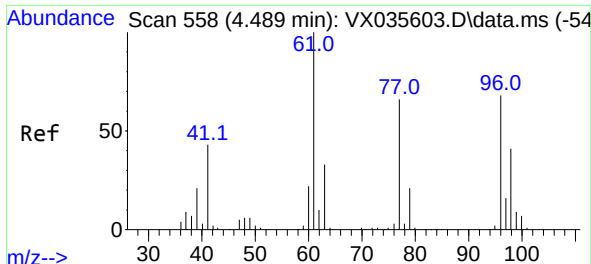
Tgt Ion: 43 Resp: 1230
Ion Ratio Lower Upper
43 100
58 34.4 24.7 37.1



#20
Methylene Chloride
Concen: 0.507 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035722.D
Acq: 17 May 2023 16:47

Tgt Ion: 84 Resp: 1334
Ion Ratio Lower Upper
84 100
49 98.5 103.8 155.8#
51 47.9 31.8 47.8#
86 57.4 51.4 77.2

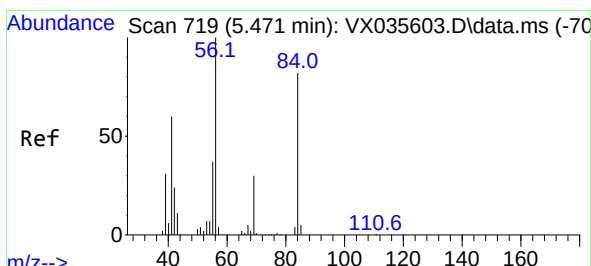
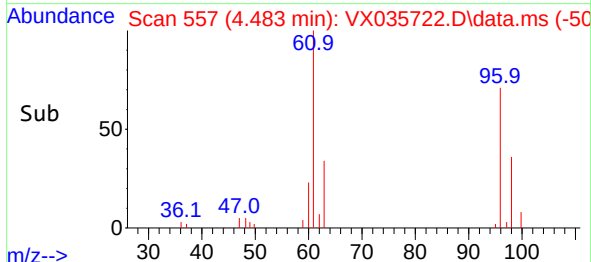
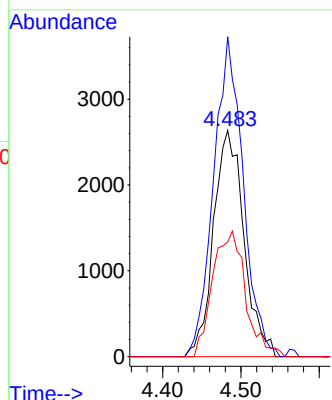
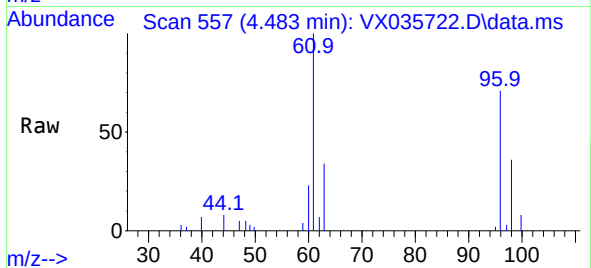




#27
cis-1,2-Dichloroethene
Concen: 2.506 ug/l
RT: 4.483 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX035722.D
Acq: 17 May 2023 16:47

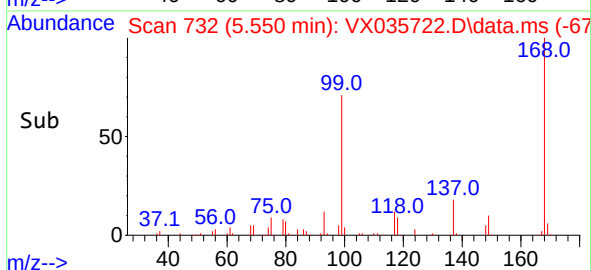
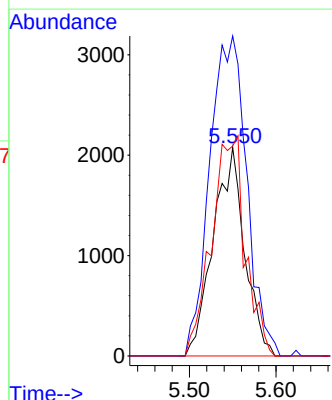
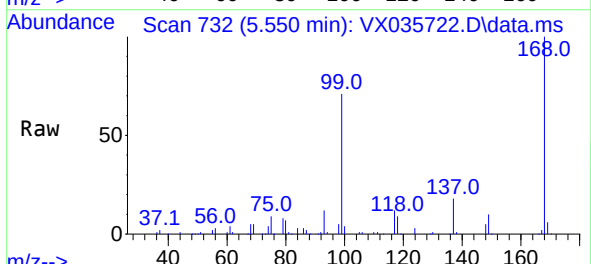
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-44.5-050923ME

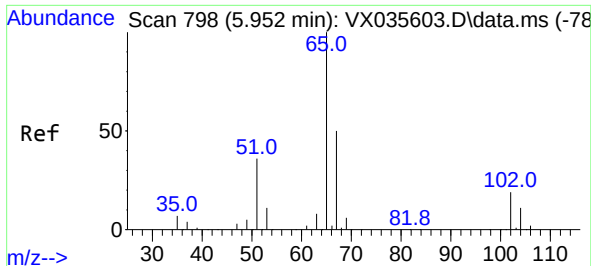
Tgt Ion: 96 Resp: 7118
Ion Ratio Lower Upper
96 100
61 137.5 0.0 300.4
98 59.9 0.0 129.0



#31
Cyclohexane
Concen: 1.227 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX035722.D
Acq: 17 May 2023 16:47

Tgt Ion: 56 Resp: 5235
Ion Ratio Lower Upper
56 100
69 153.5 23.7 35.5#
84 100.7 68.5 102.7





#33

1,2-Dichloroethane-d4

Concen: 48.253 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035722.D

Acq: 17 May 2023 16:47

Instrument :

MSVOA_X

ClientSampleId :

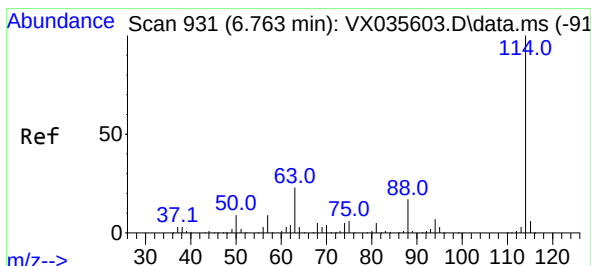
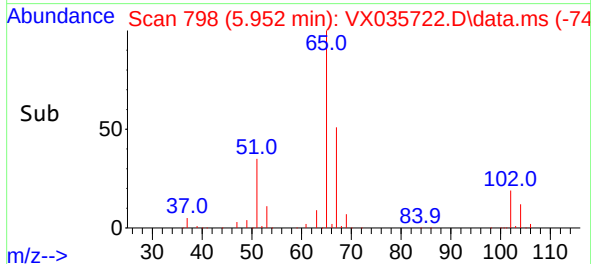
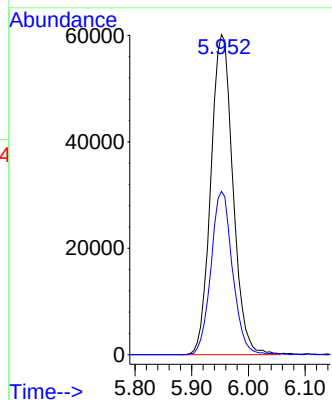
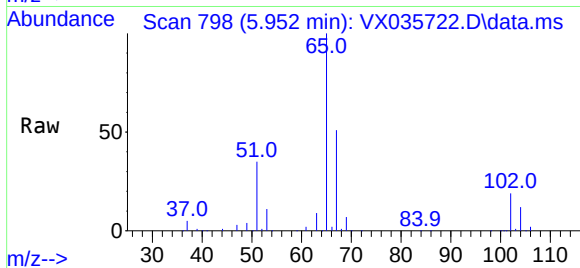
CB-14-G1-SO-44.5-050923ME

Tgt Ion: 65 Resp: 162984

Ion Ratio Lower Upper

65 100

67 49.8 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: VX035722.D

Acq: 17 May 2023 16:47

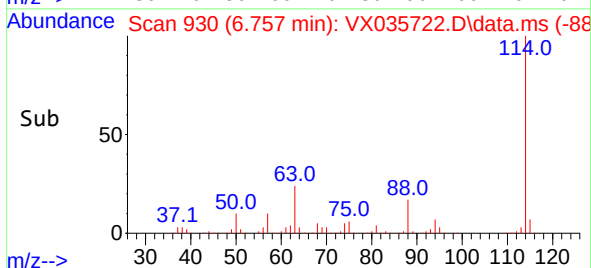
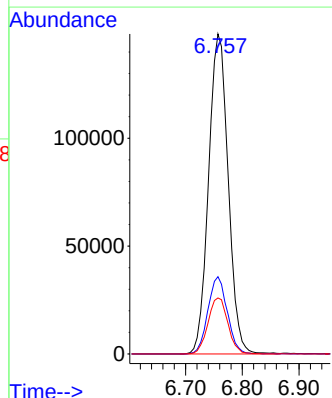
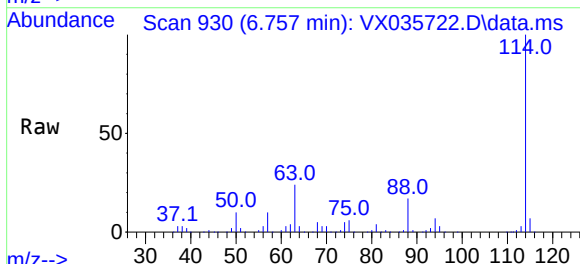
Tgt Ion: 114 Resp: 356330

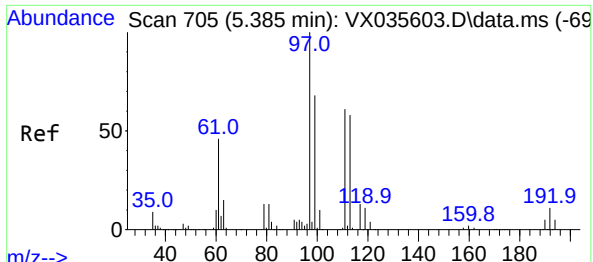
Ion Ratio Lower Upper

114 100

63 24.2 0.0 42.2

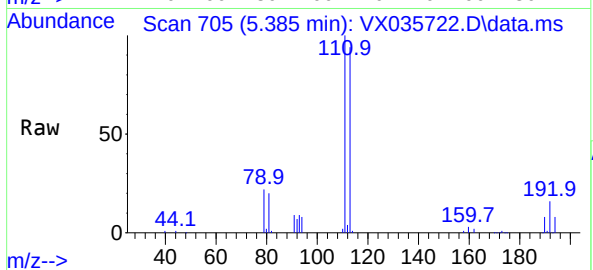
88 17.5 0.0 33.2



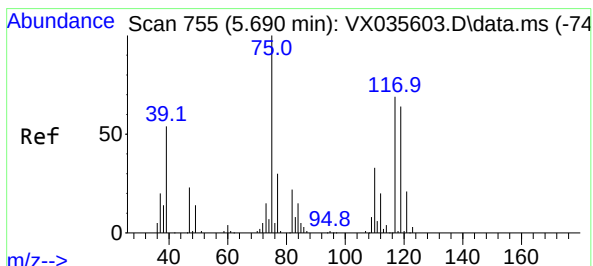
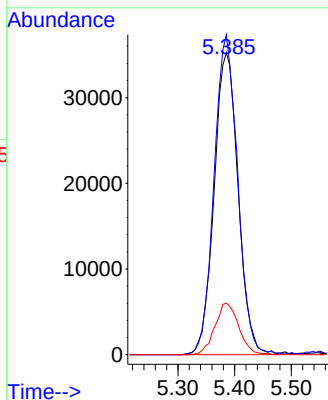
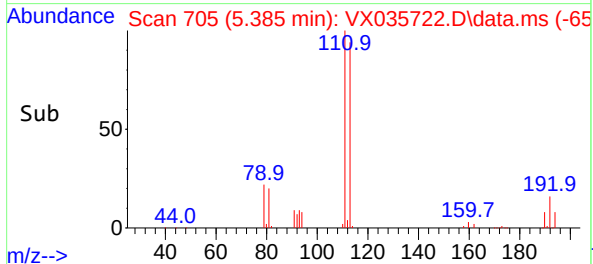


#35
Dibromofluoromethane
Concen: 43.143 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035722.D
Acq: 17 May 2023 16:47

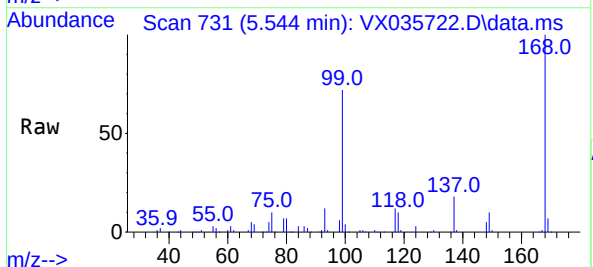
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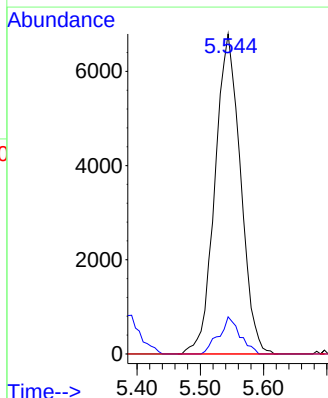
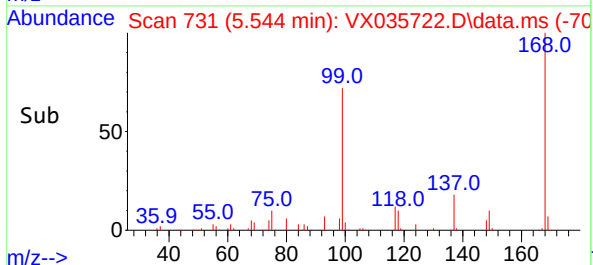
Tgt Ion:113 Resp: 103677
Ion Ratio Lower Upper
113 100
111 103.7 83.7 125.5
192 17.0 15.4 23.2

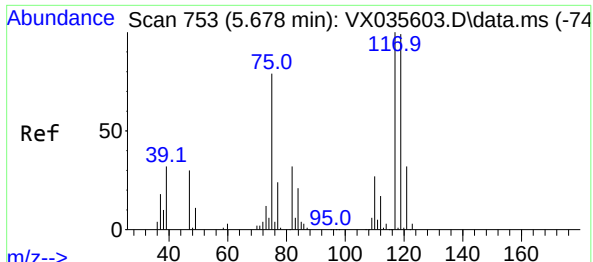


#36
1,1-Dichloropropene
Concen: 5.021 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX035722.D
Acq: 17 May 2023 16:47



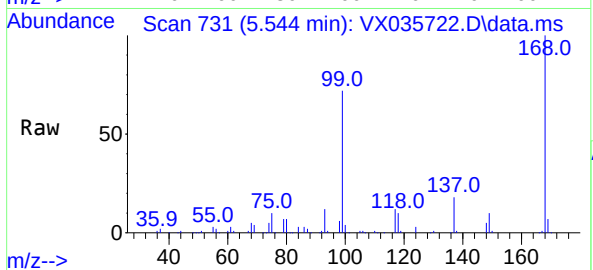
Tgt Ion: 75 Resp: 19047
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.5#
77 0.0 24.3 36.5#



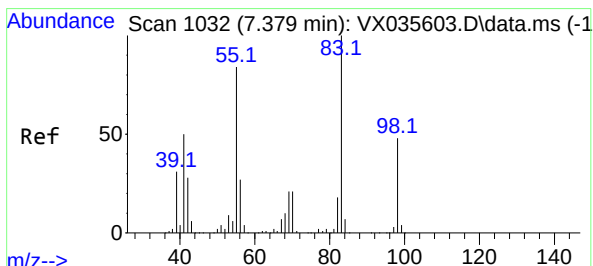
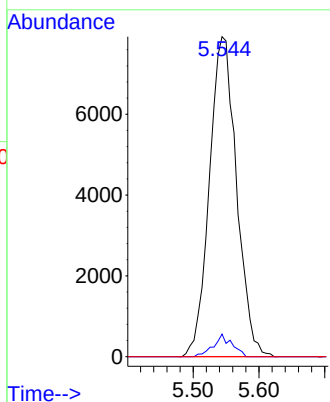
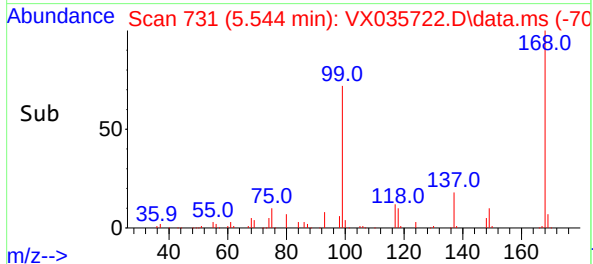


#38
Carbon Tetrachloride
Concen: 6.335 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX035722.D
Acq: 17 May 2023 16:47

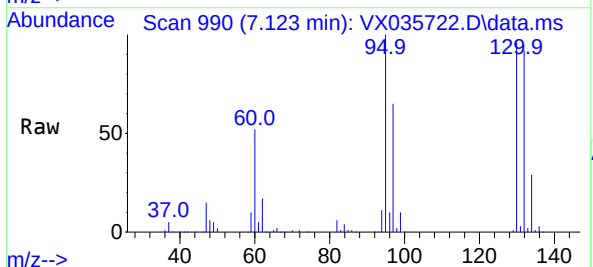
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-44.5-050923ME



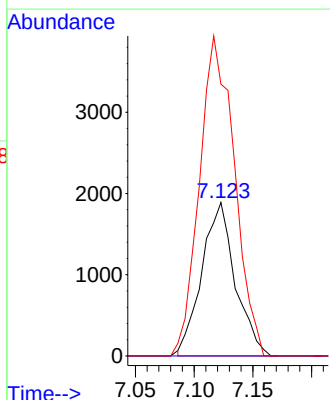
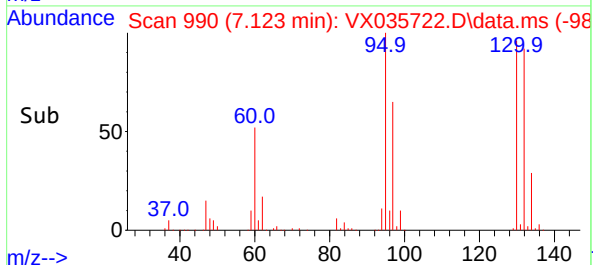
Tgt Ion:117 Resp: 22762
Ion Ratio Lower Upper
117 100
119 7.0 76.6 114.8#
121 0.0 23.8 35.6#

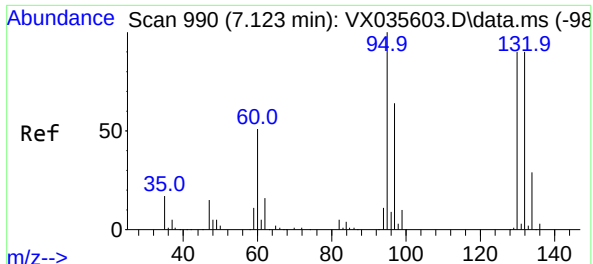


#39
Methylcyclohexane
Concen: 0.837 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.256 min
Lab File: VX035722.D
Acq: 17 May 2023 16:47



Tgt Ion: 83 Resp: 3738
Ion Ratio Lower Upper
83 100
55 0.0 60.5 90.7#
98 177.2 40.4 60.6#

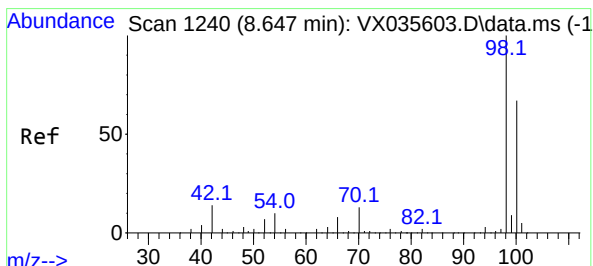
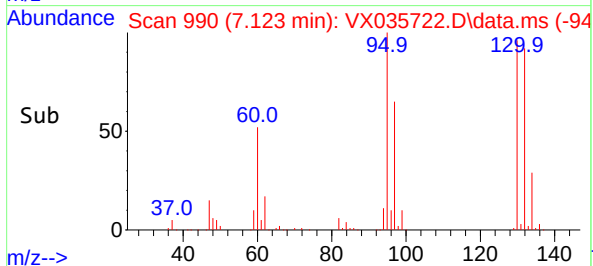
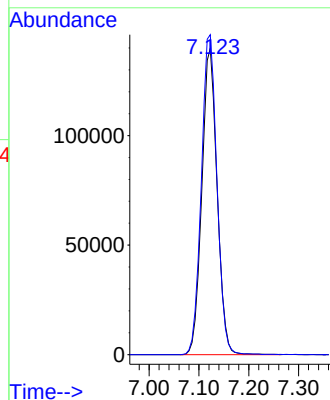
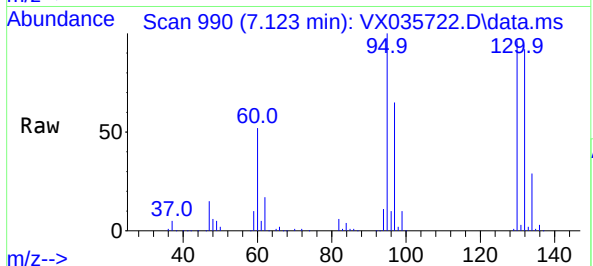




#44
Trichloroethene
Concen: 110.477 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035722.D
Acq: 17 May 2023 16:47

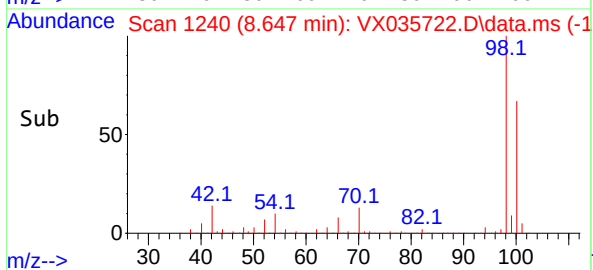
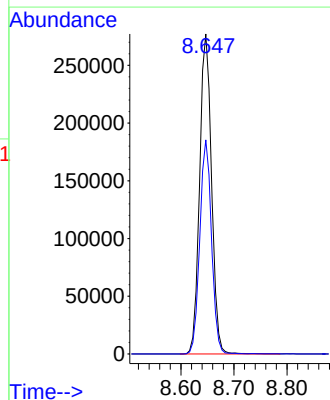
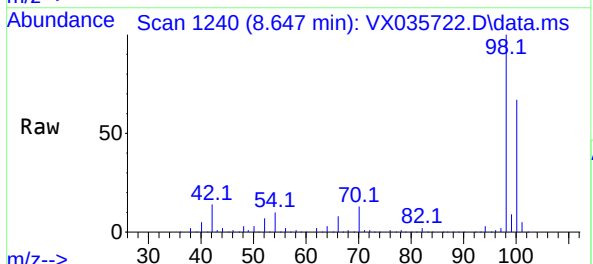
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-44.5-050923ME

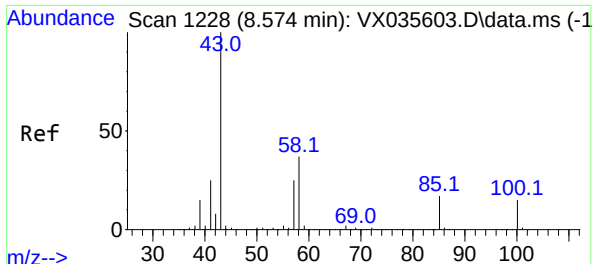
Tgt Ion:130 Resp: 297255
Ion Ratio Lower Upper
130 100
95 104.5 0.0 198.4



#50
Toluene-d8
Concen: 48.726 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035722.D
Acq: 17 May 2023 16:47

Tgt Ion: 98 Resp: 432573
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

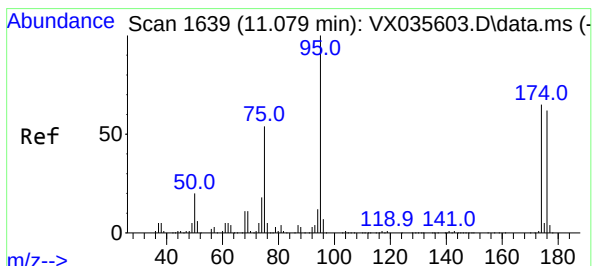
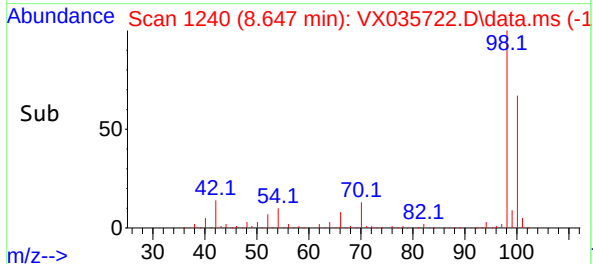
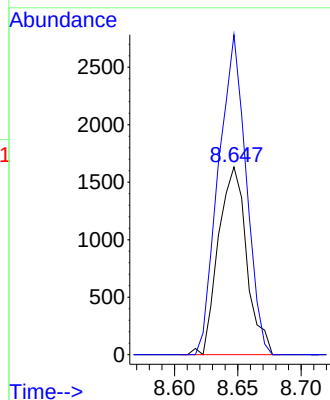
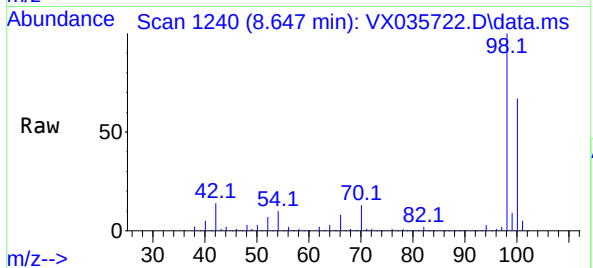




#51
4-Methyl-2-Pentanone
Concen: 0.639 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX035722.D
Acq: 17 May 2023 16:47

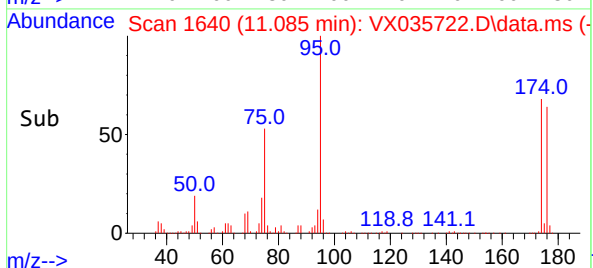
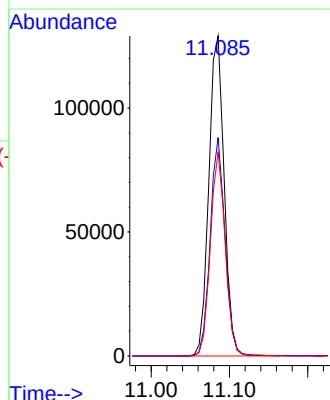
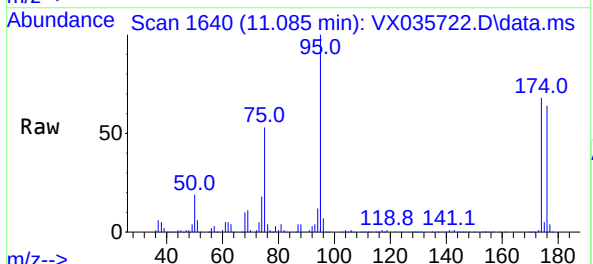
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-44.5-050923ME

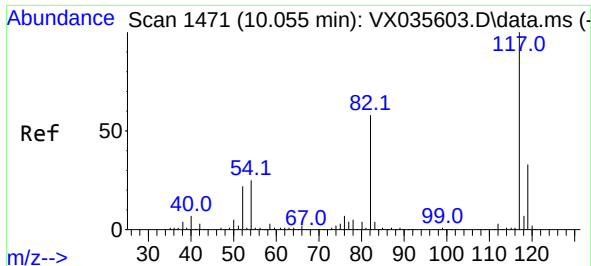
Tgt Ion: 43 Resp: 2538
Ion Ratio Lower Upper
43 100
58 166.6 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 48.974 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035722.D
Acq: 17 May 2023 16:47

Tgt Ion: 95 Resp: 175057
Ion Ratio Lower Upper
95 100
174 65.9 0.0 147.4
176 61.5 0.0 140.6

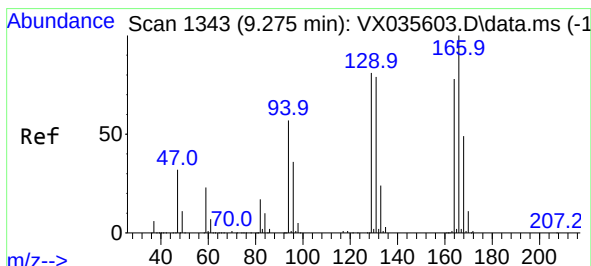
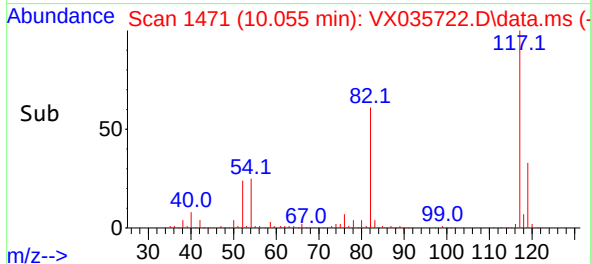
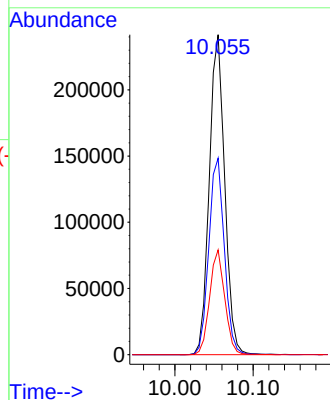
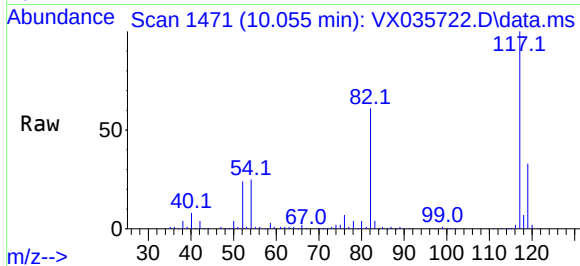




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035722.D
Acq: 17 May 2023 16:47

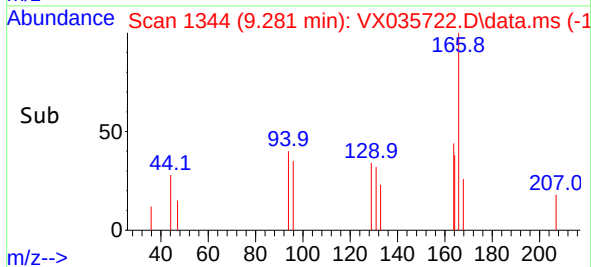
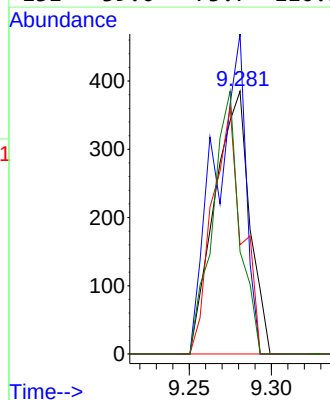
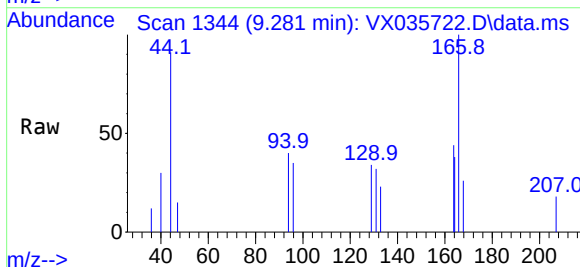
Instrument : MSVOA_X
ClientSampleId : CB-14-G1-SO-44.5-050923ME

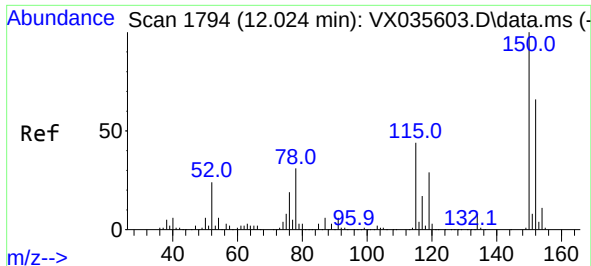
Tgt Ion:117 Resp: 330402
Ion Ratio Lower Upper
117 100
82 61.4 45.0 67.4
119 32.8 26.0 39.0



#64
Tetrachloroethene
Concen: 0.255 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX035722.D
Acq: 17 May 2023 16:47

Tgt Ion:164 Resp: 568
Ion Ratio Lower Upper
164 100
166 121.8 102.7 154.1
129 41.6 75.6 113.4#
131 39.0 73.7 110.5#

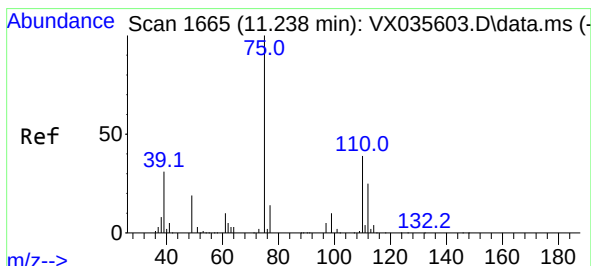
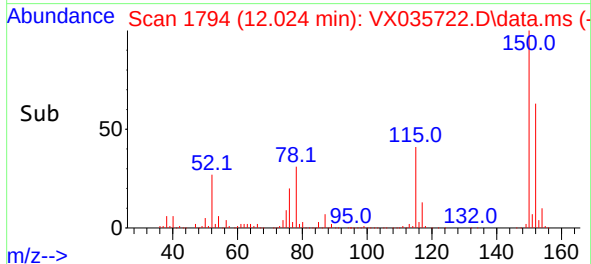
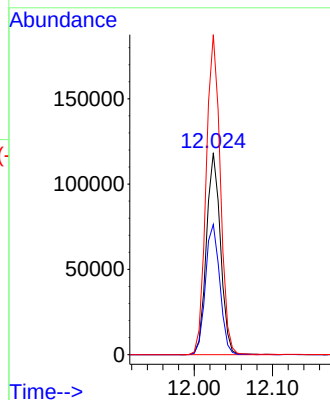
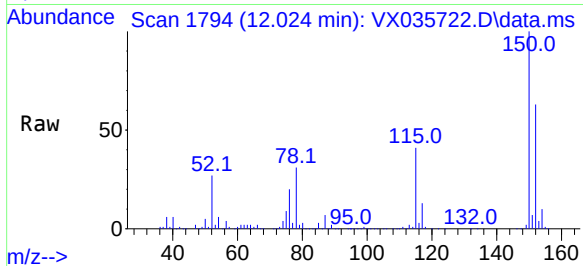




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035722.D
Acq: 17 May 2023 16:47

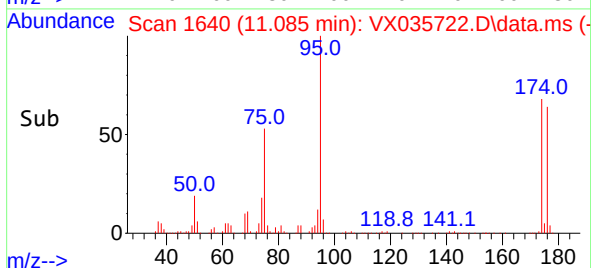
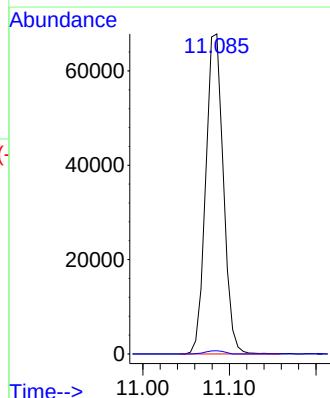
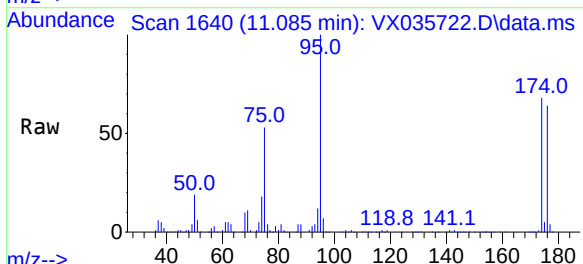
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-44.5-050923ME

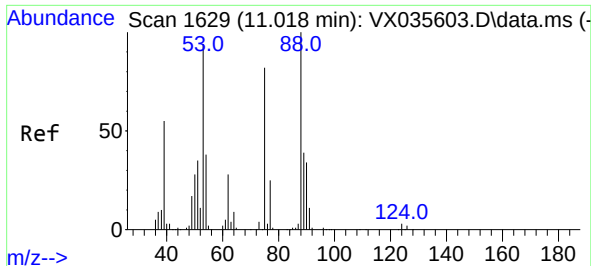
Tgt Ion:152 Resp: 147086
Ion Ratio Lower Upper
152 100
115 66.1 45.0 135.0
150 159.7 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 26.626 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX035722.D
Acq: 17 May 2023 16:47

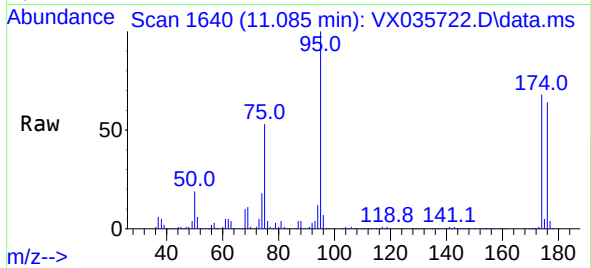
Tgt Ion: 75 Resp: 95795
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.812 ug/l
 RT: 11.085 min Scan# 10
 Delta R.T. 0.067 min
 Lab File: VX035722.D
 Acq: 17 May 2023 16:47

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-14-G1-SO-44.5-050923ME



Tgt Ion: 75 Resp: 95795
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

