

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037421.D
 Acq On : 31 Aug 2023 11:04
 Operator : JC/MD
 Sample : 04128-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D1-20230822

Quant Time: Aug 31 18:23:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

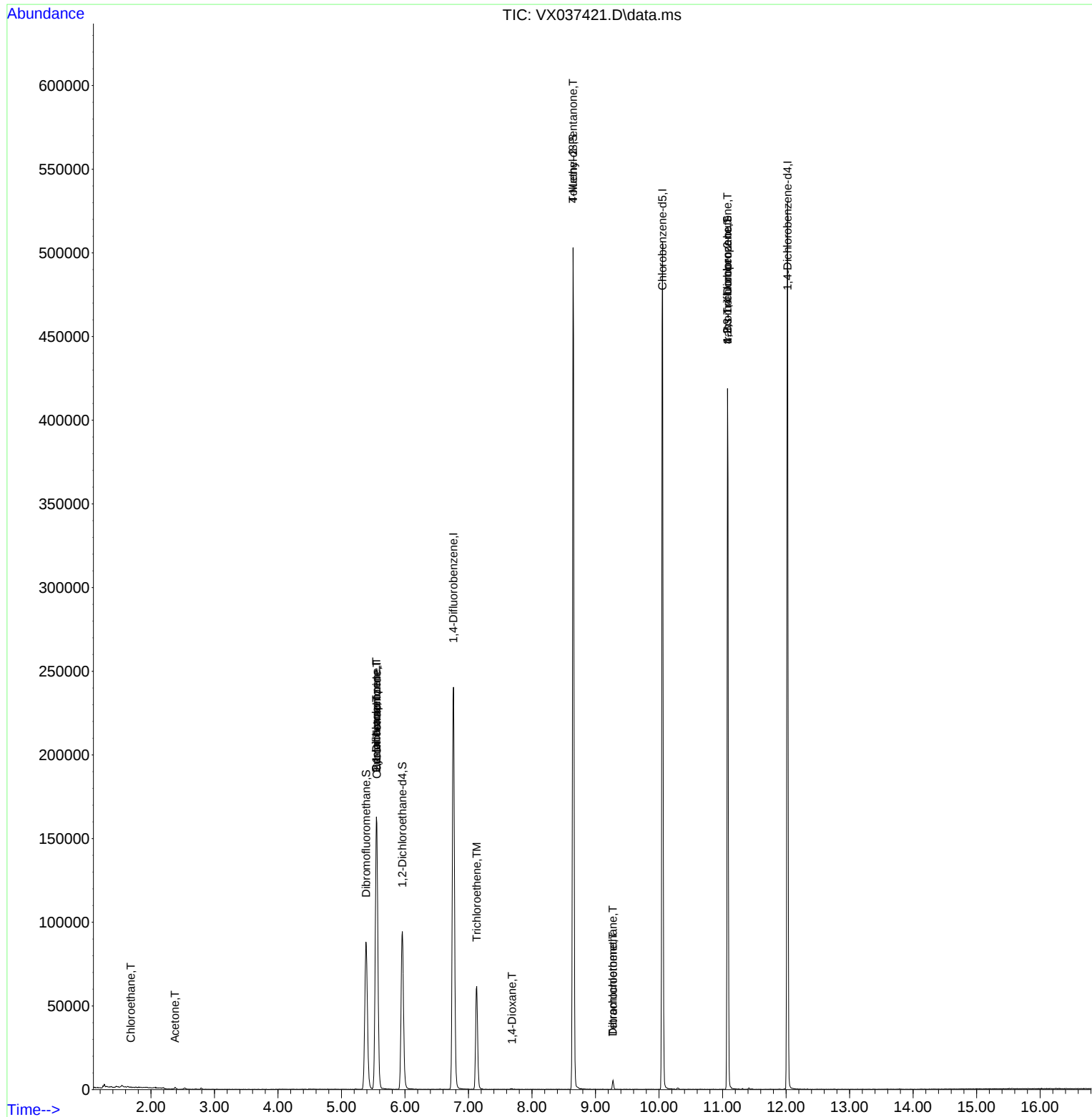
Internal Standards						
1) Pentafluorobenzene	5.550	168	152717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	256595	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95587	43.415	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.840%		
35) Dibromofluoromethane	5.385	113	78580	46.241	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.480%		
50) Toluene-d8	8.647	98	303397	49.219	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.440%		
62) 4-Bromofluorobenzene	11.079	95	115486	47.673	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.340%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.684	64	208	0.209	ug/l #	43
16) Acetone	2.379	43	1058	1.228	ug/l #	73
31) Cyclohexane	5.550	56	2946	1.190	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11759	4.870	ug/l #	52
38) Carbon Tetrachloride	5.556	117	16160	6.162	ug/l #	15
44) Trichloroethene	7.129	130	25307	12.889	ug/l	97
49) 1,4-Dioxane	7.683	88	437	8.498	ug/l #	82
51) 4-Methyl-2-Pentanone	8.647	43	1120	0.471	ug/l #	1
60) Dibromochloromethane	9.275	129	987	0.498	ug/l #	11
64) Tetrachloroethene	9.275	164	978	0.569	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	57148	23.335	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	57148	65.177	ug/l #	5

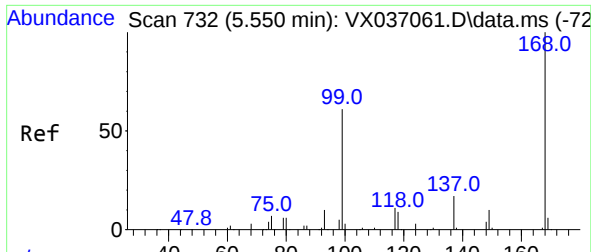
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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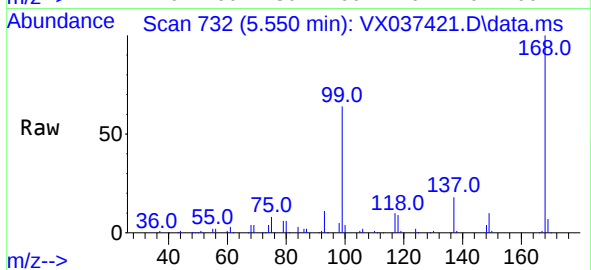
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



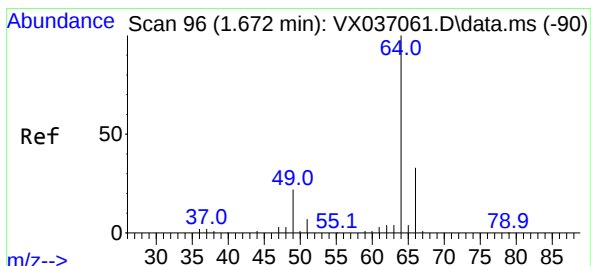
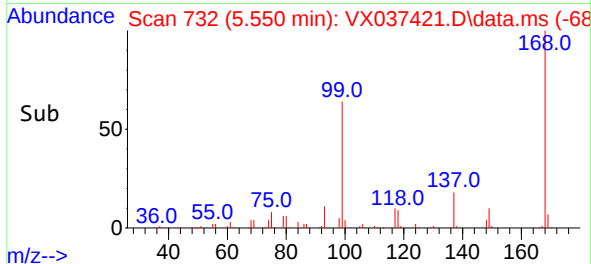
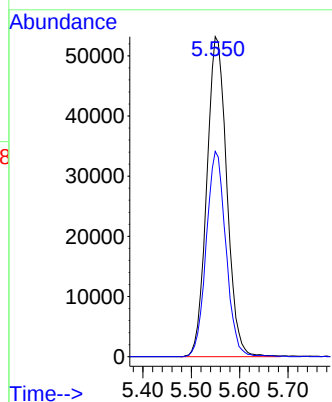


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037421.D
Acq: 31 Aug 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20230822

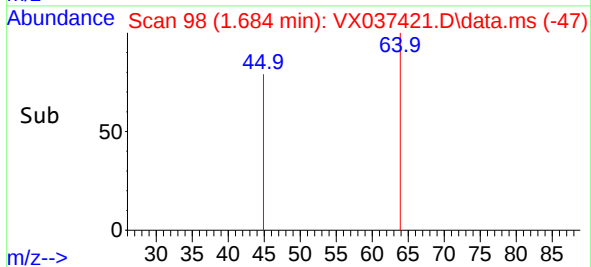
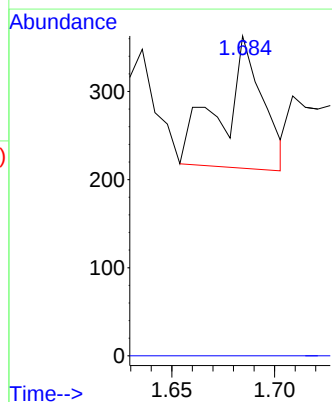
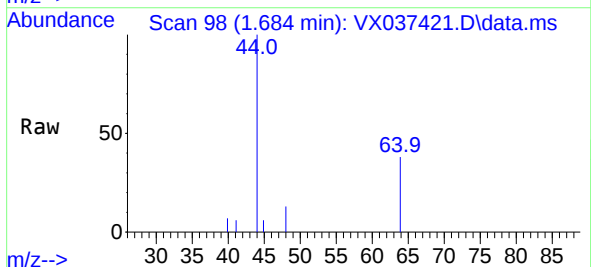


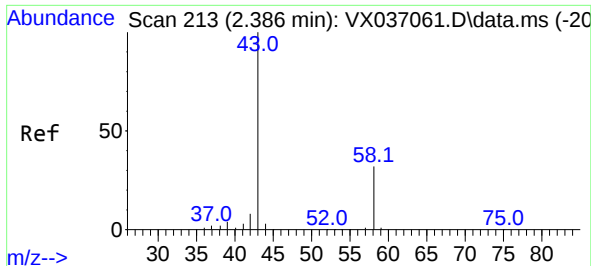
Tgt Ion:168 Resp: 152717
Ion Ratio Lower Upper
168 100
99 64.1 56.6 85.0



#6
Chloroethane
Concen: 0.209 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.012 min
Lab File: VX037421.D
Acq: 31 Aug 2023 11:04

Tgt Ion: 64 Resp: 208
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

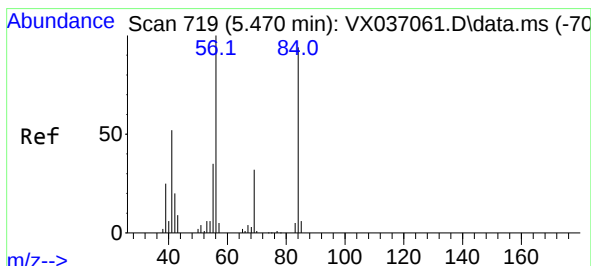
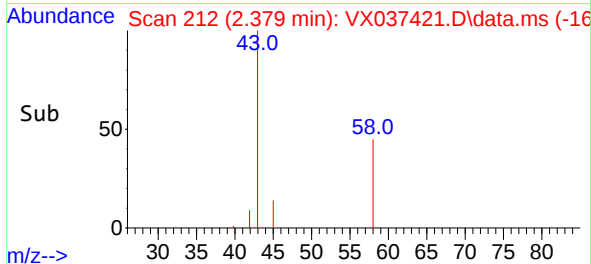
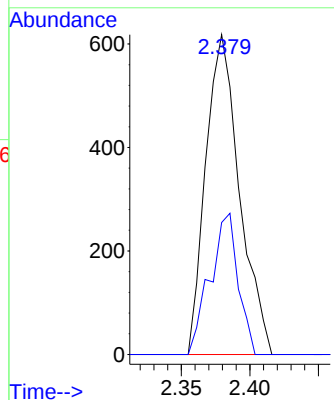
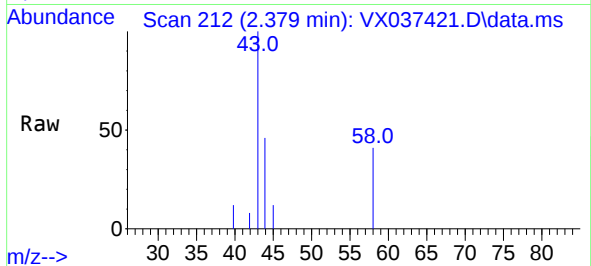




#16
Acetone
Concen: 1.228 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037421.D
Acq: 31 Aug 2023 11:04

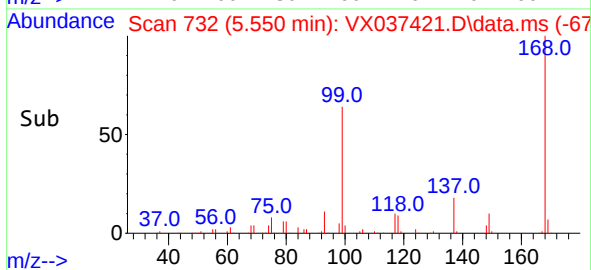
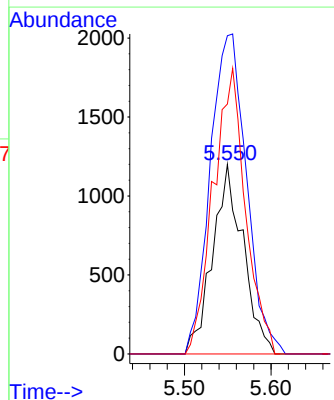
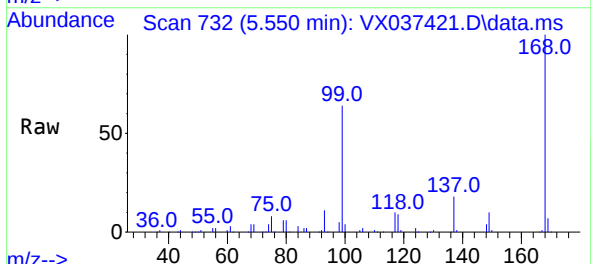
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MSVOA_X
ClientSampleId :
RE126D1-20230822

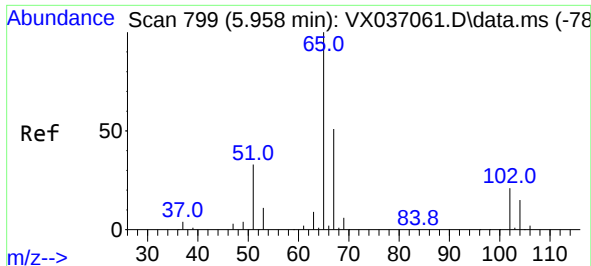
Tgt Ion: 43 Resp: 1058
Ion Ratio Lower Upper
43 100
58 41.3 21.9 32.9#



#31
Cyclohexane
Concen: 1.190 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037421.D
Acq: 31 Aug 2023 11:04

Tgt Ion: 56 Resp: 2946
Ion Ratio Lower Upper
56 100
69 167.9 23.4 35.2#
84 131.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.415 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037421.D

Acq: 31 Aug 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

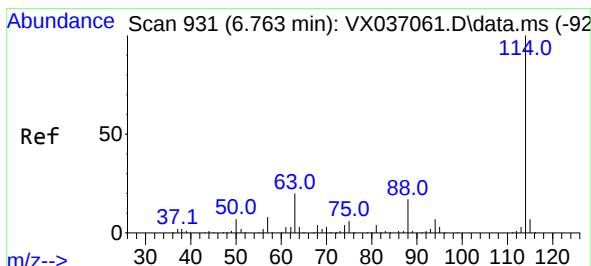
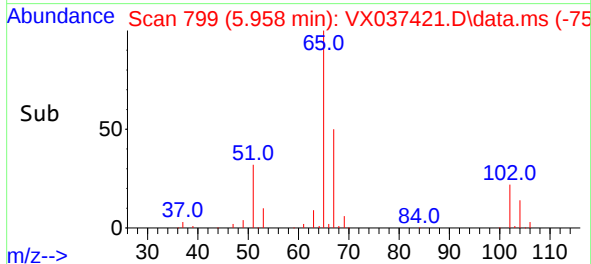
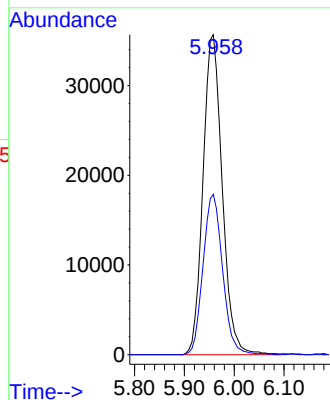
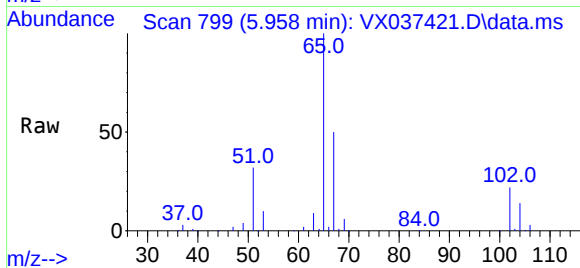
RE126D1-20230822

Tgt Ion: 65 Resp: 95587

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037421.D

Acq: 31 Aug 2023 11:04

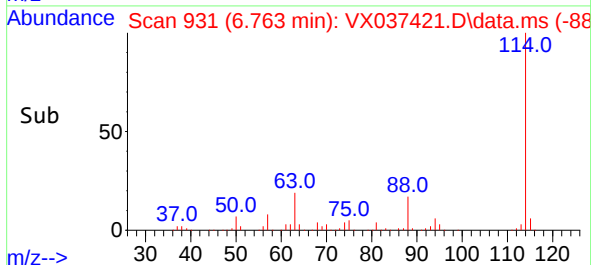
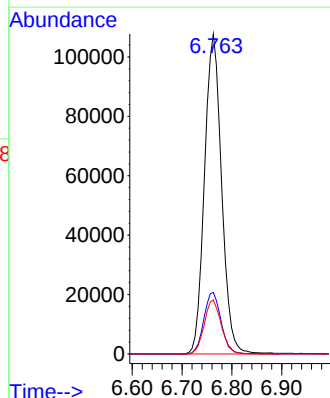
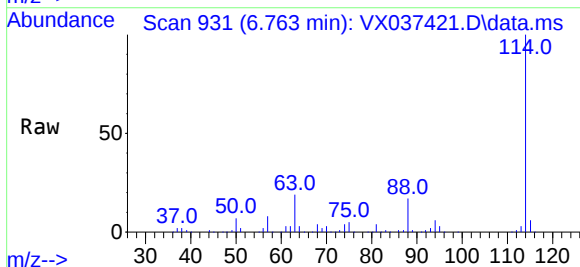
Tgt Ion: 114 Resp: 256595

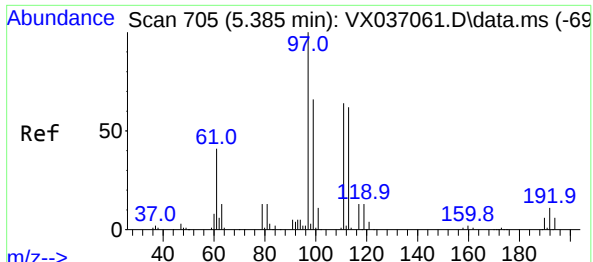
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

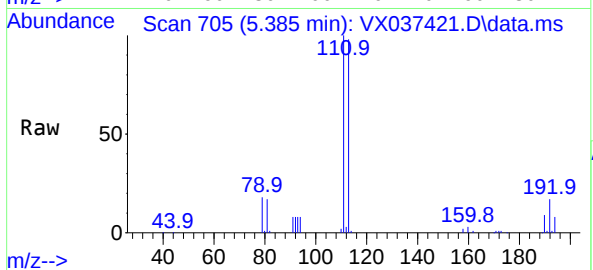
88 16.9 0.0 36.6



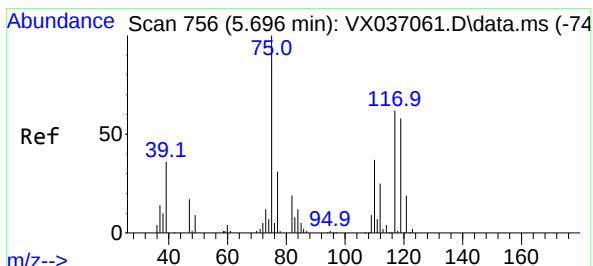
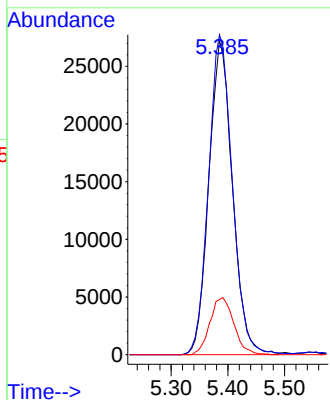
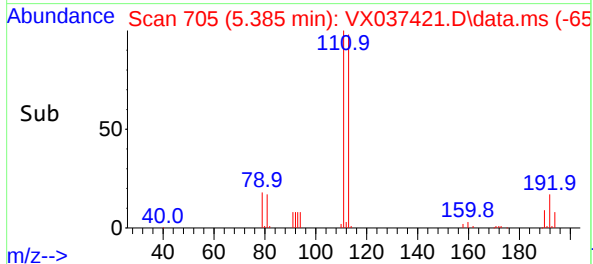


#35
Dibromofluoromethane
Concen: 46.241 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037421.D
Acq: 31 Aug 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20230822

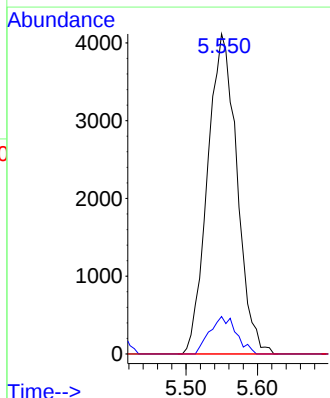
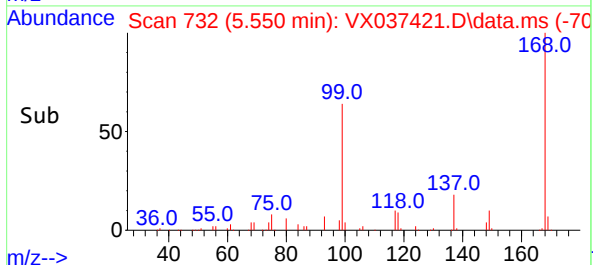
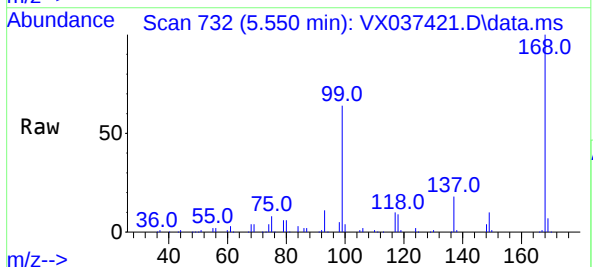


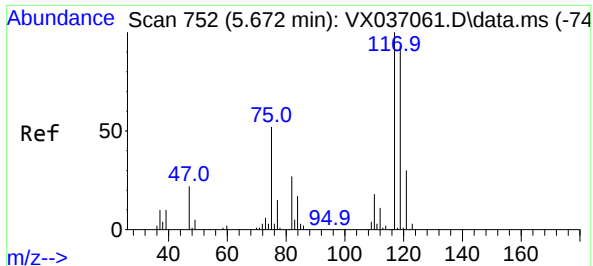
Tgt Ion:113 Resp: 78580
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.870 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037421.D
Acq: 31 Aug 2023 11:04

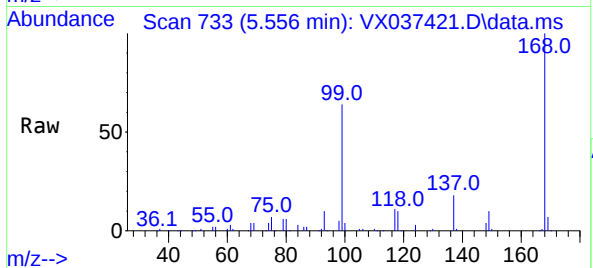
Tgt Ion: 75 Resp: 11759
Ion Ratio Lower Upper
75 100
110 10.6 17.0 50.9#
77 0.0 24.7 37.1#



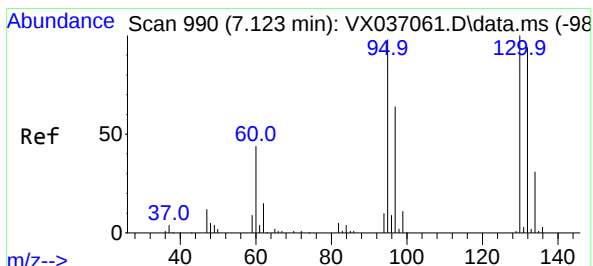
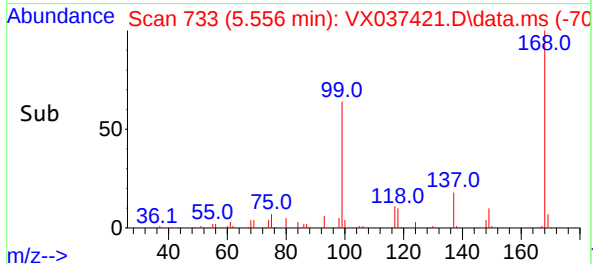
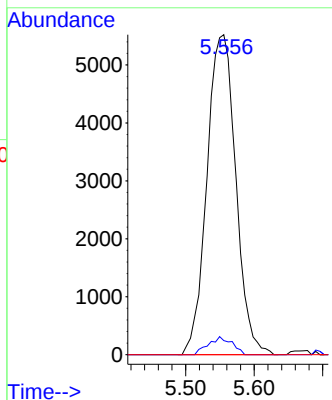


#38
Carbon Tetrachloride
Concen: 6.162 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX037421.D
Acq: 31 Aug 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20230822

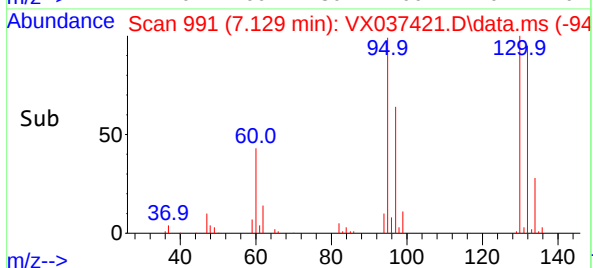
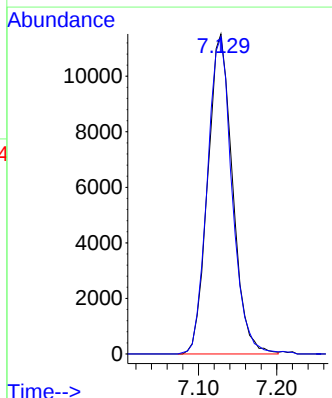
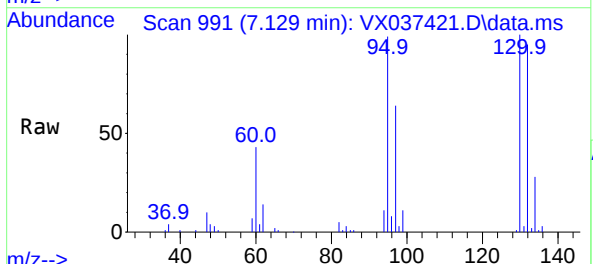


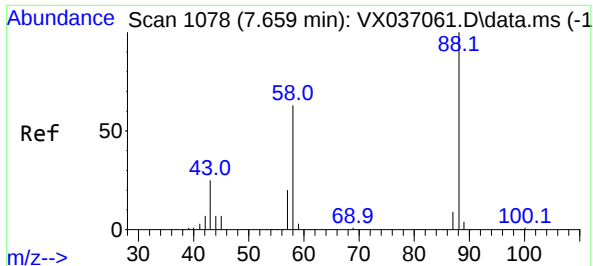
Tgt Ion:117 Resp: 16160
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 12.889 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037421.D
Acq: 31 Aug 2023 11:04

Tgt Ion:130 Resp: 25307
Ion Ratio Lower Upper
130 100
95 99.1 0.0 204.4





#49

1,4-Dioxane

Concen: 8.498 ug/l

RT: 7.683 min Scan# 1078

Delta R.T. 0.024 min

Lab File: VX037421.D

Acq: 31 Aug 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

RE126D1-20230822

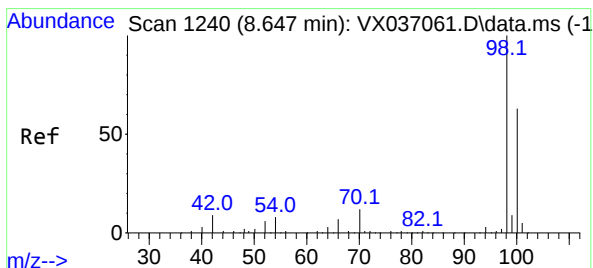
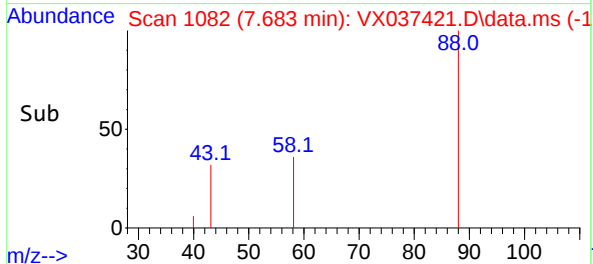
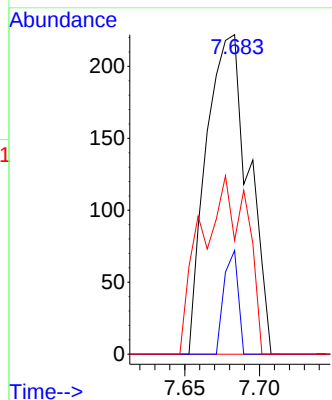
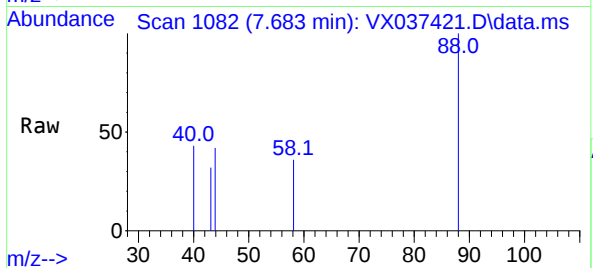
Tgt Ion: 88 Resp: 437

Ion Ratio Lower Upper

88 100

43 10.8 0.0 0.0#

58 60.2 60.1 90.1



#50

Toluene-d8

Concen: 49.219 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX037421.D

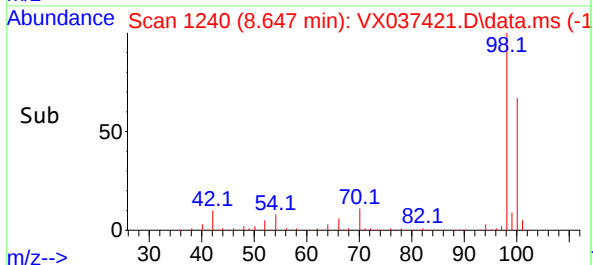
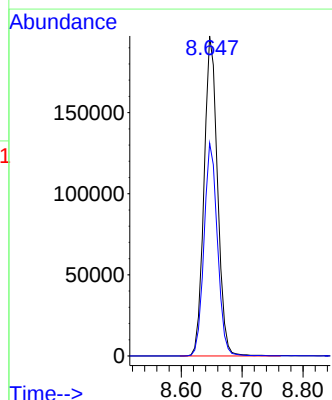
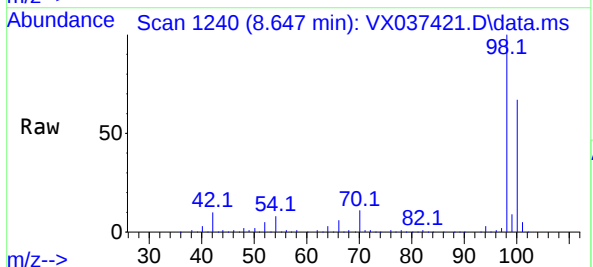
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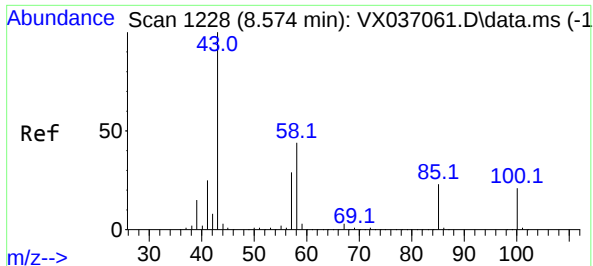
Tgt Ion: 98 Resp: 303397

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7

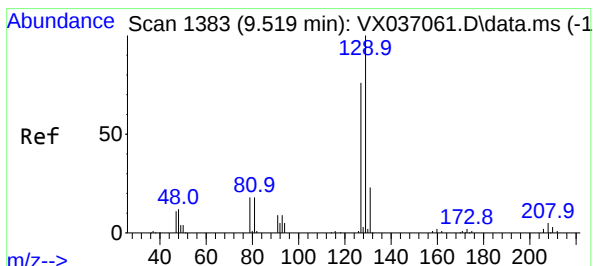
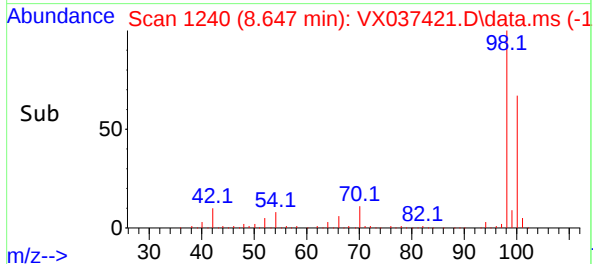
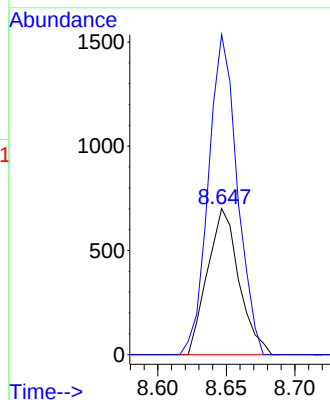
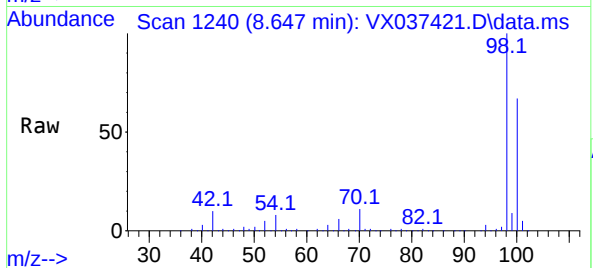




#51
4-Methyl-2-Pentanone
Concen: 0.471 ug/l
RT: 8.647 min Scan# 1120
Delta R.T. 0.073 min
Lab File: VX037421.D
Acq: 31 Aug 2023 11:04

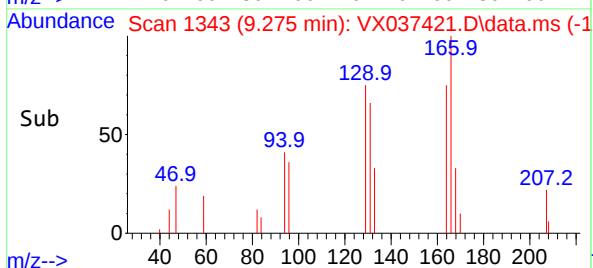
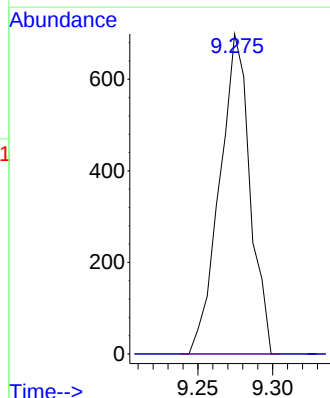
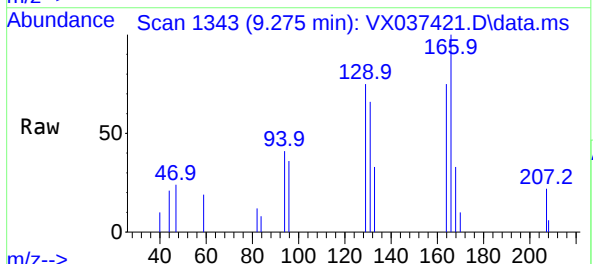
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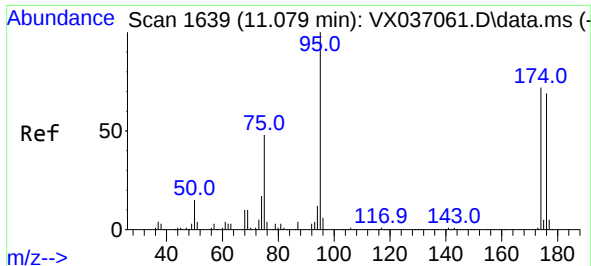
Tgt Ion: 43 Resp: 1120
Ion Ratio Lower Upper
43 100
58 201.1 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.498 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX037421.D
Acq: 31 Aug 2023 11:04

Tgt Ion: 129 Resp: 987
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

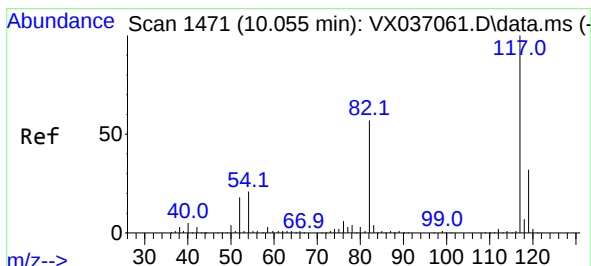
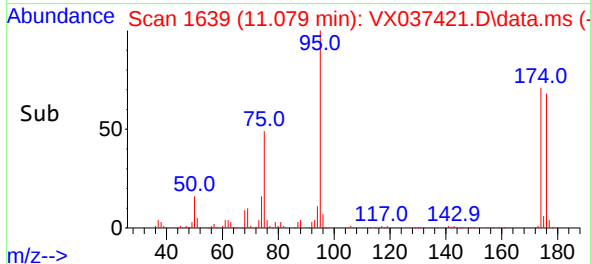
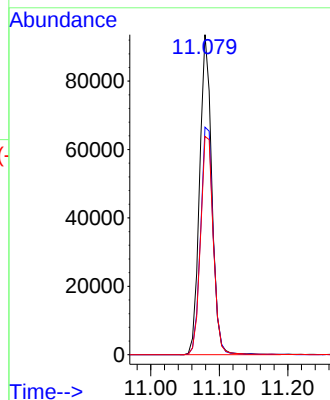
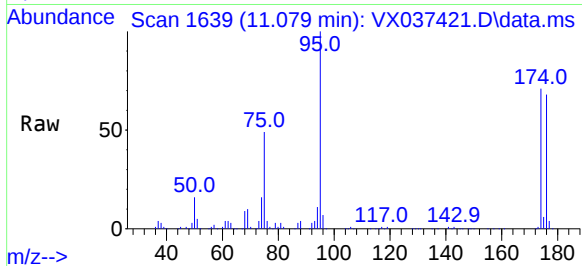




#62
4-Bromofluorobenzene
Concen: 47.673 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037421.D
Acq: 31 Aug 2023 11:04

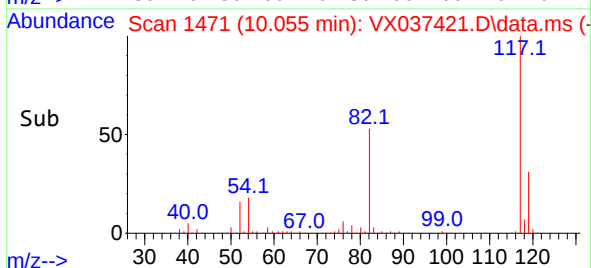
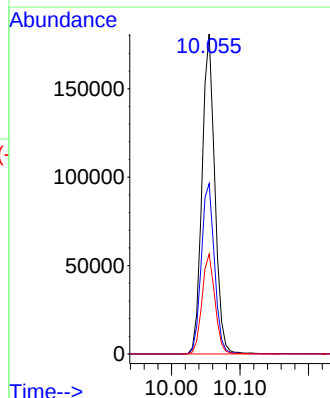
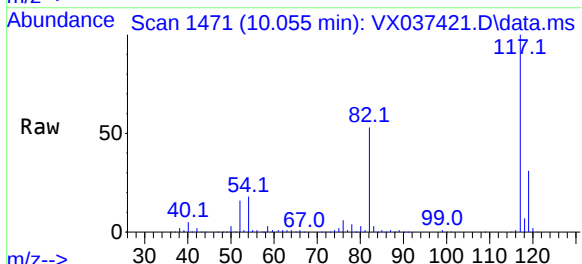
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20230822

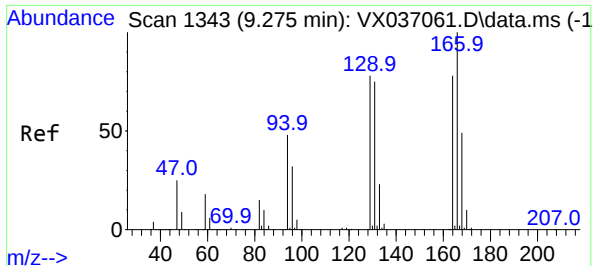
Tgt Ion: 95 Resp: 115486
Ion Ratio Lower Upper
95 100
174 74.3 0.0 135.6
176 71.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037421.D
Acq: 31 Aug 2023 11:04

Tgt Ion: 117 Resp: 235610
Ion Ratio Lower Upper
117 100
82 53.3 46.2 69.4
119 31.2 25.5 38.3



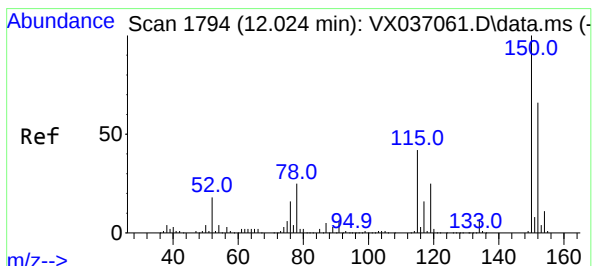
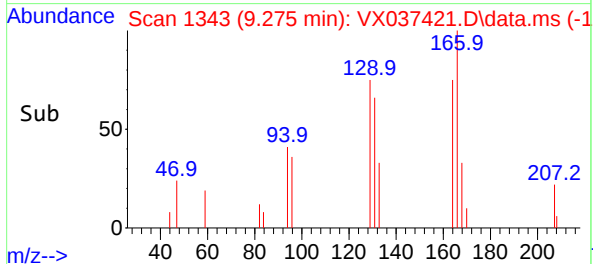
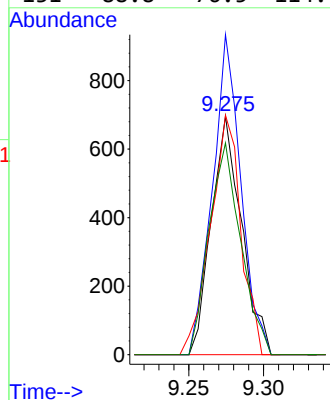
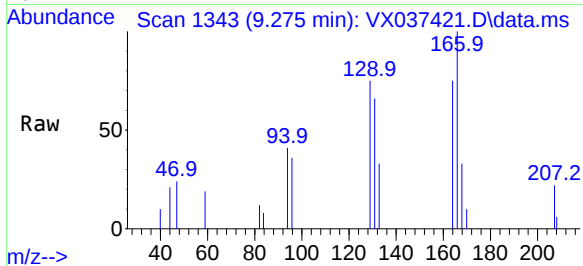


#64
Tetrachloroethene
Concen: 0.569 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037421.D
Acq: 31 Aug 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20230822

Tgt Ion:164 Resp: 978

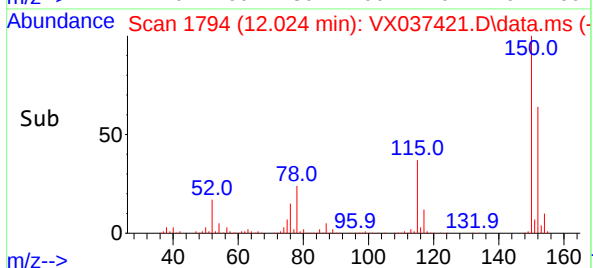
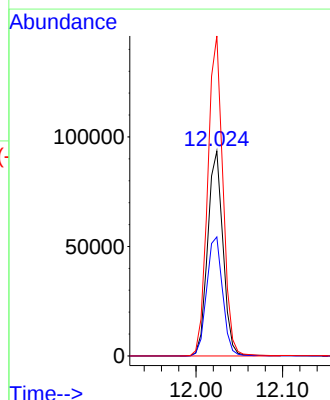
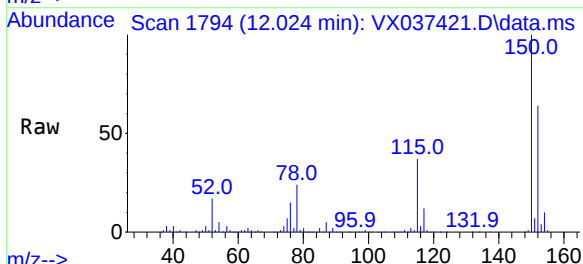
Ion	Ratio	Lower	Upper
164	100		
166	134.2	102.7	154.1
129	100.4	80.4	120.6
131	88.8	76.5	114.7

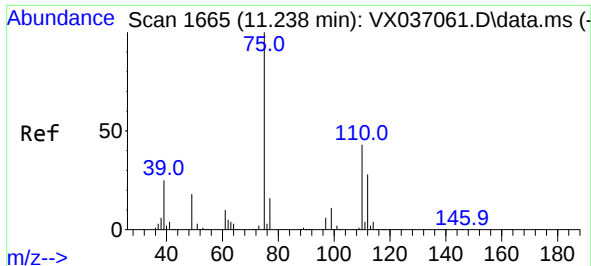


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037421.D
Acq: 31 Aug 2023 11:04

Tgt Ion:152 Resp: 114994

Ion	Ratio	Lower	Upper
152	100		
115	60.6	43.3	129.9
150	155.3	0.0	345.0

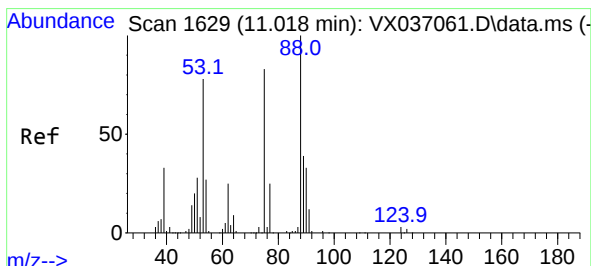
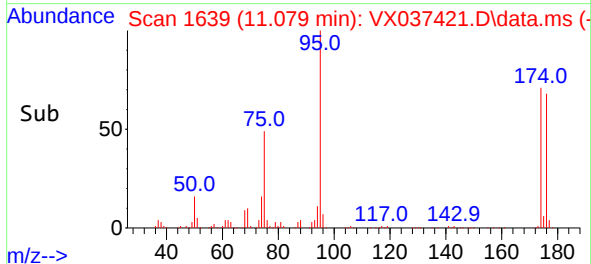
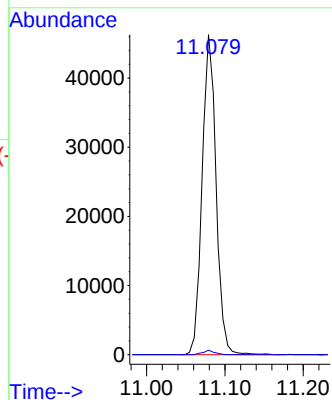
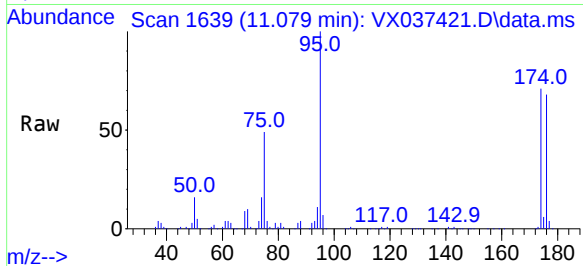




#76
1,2,3-Trichloropropane
Concen: 23.335 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037421.D
Acq: 31 Aug 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20230822

Tgt Ion: 75 Resp: 57148
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.177 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037421.D
Acq: 31 Aug 2023 11:04

Tgt Ion: 75 Resp: 57148
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

