

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053023\
 Data File : VX035916.D
 Acq On : 30 May 2023 19:08
 Operator : JC/MD
 Sample : 02924-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001-002-003-1RE

Quant Time: May 31 05:49:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:45:36 2023
 Response via : Initial Calibration

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

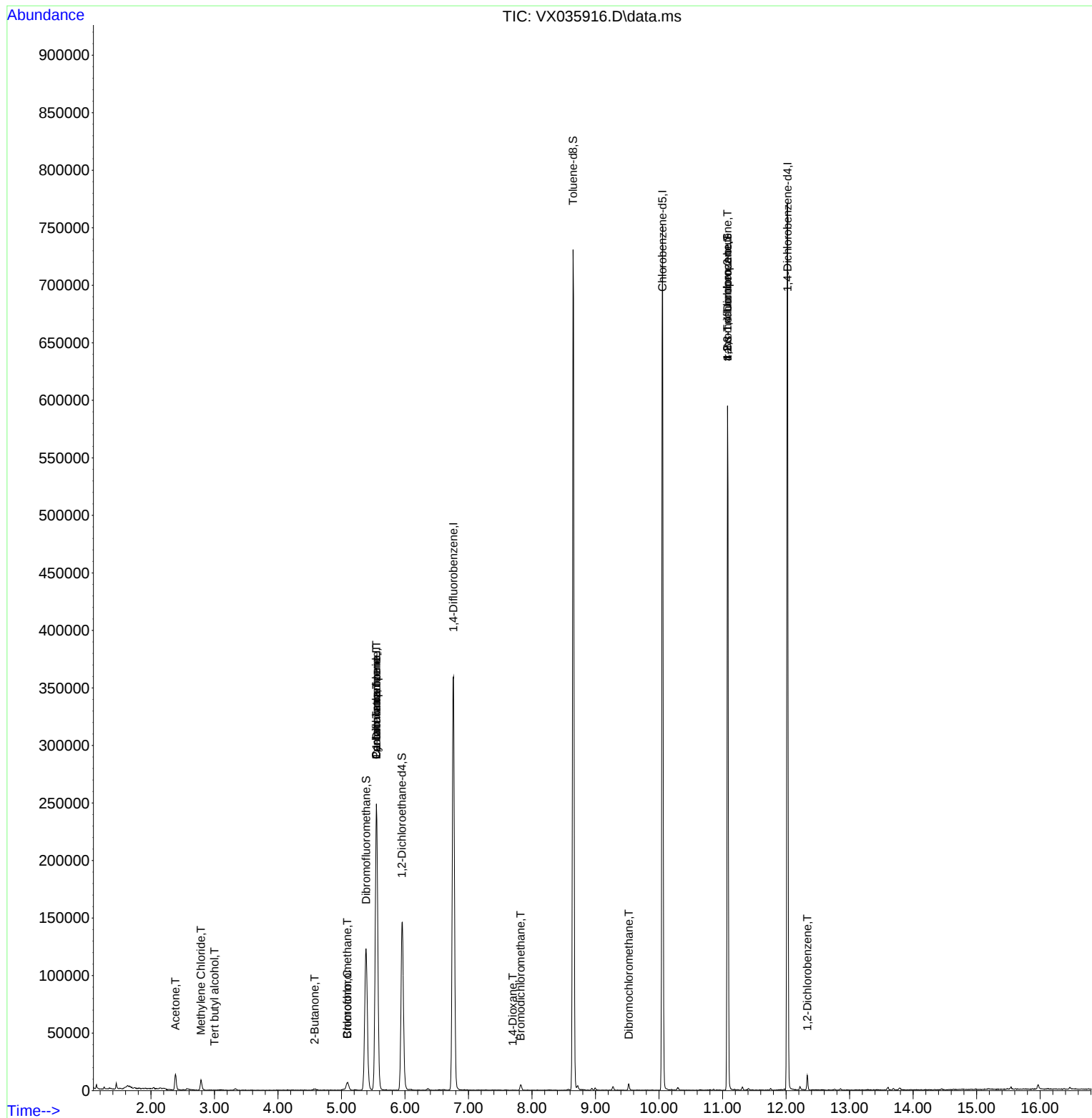
Internal Standards						
1) Pentafluorobenzene	5.550	168	223641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	367513	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	331732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	145060	36.500	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	73.000%#		
35) Dibromofluoromethane	5.385	113	110520	43.780	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.560%		
50) Toluene-d8	8.647	98	432491	46.681	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.360%		
62) 4-Bromofluorobenzene	11.079	95	165340	45.296	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.600%		
Target Compounds						Qvalue
11) Tert butyl alcohol	3.001	59	209	0.302	ug/l #	78
16) Acetone	2.385	43	16104	10.037	ug/l	96
20) Methylene Chloride	2.788	84	4140	0.598	ug/l	94
25) 2-Butanone	4.574	43	696	0.300	ug/l #	51
28) Bromochloromethane	5.092	49	638	0.245	ug/l #	17
30) Chloroform	5.092	83	7860	1.425	ug/l	99
31) Cyclohexane	5.550	56	4819	1.021	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19110	4.985	ug/l #	51
38) Carbon Tetrachloride	5.550	117	23506	6.506	ug/l #	18
47) Bromodichloromethane	7.817	83	3207	0.885	ug/l #	88
49) 1,4-Dioxane	7.695	88	89	1.222	ug/l #	33
60) Dibromochloromethane	9.524	129	1358	0.555	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	84334	21.271	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	84334	67.709	ug/l #	3
91) 1,2-Dichlorobenzene	12.335	146	3726	0.680	ug/l	97

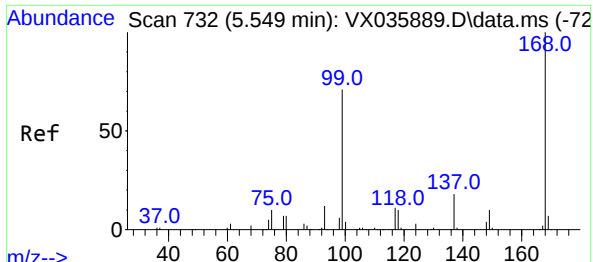
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX035916.D
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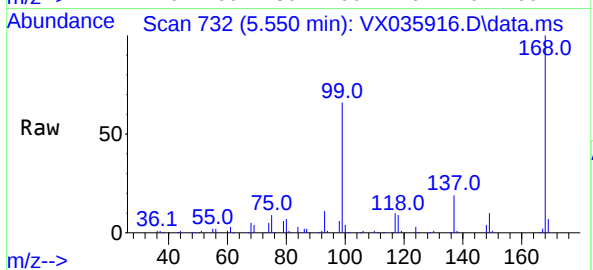
Quant Time: May 31 05:49:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
Quant Title : SW846 8260
QLast Update : Mon May 29 07:45:36 2023
Response via : Initial Calibration



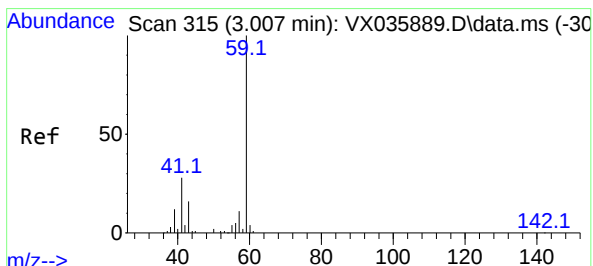
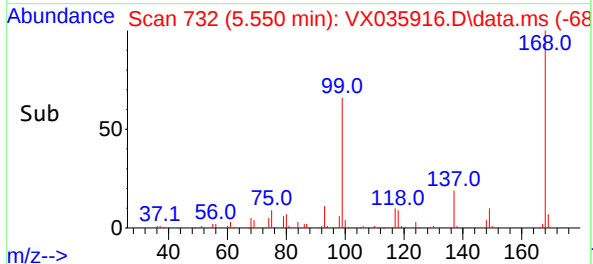
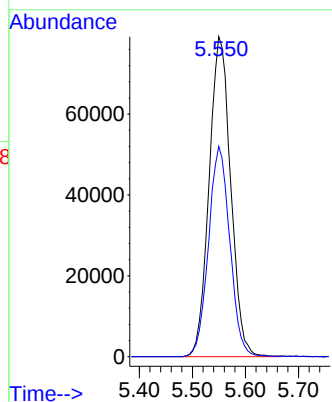


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

Instrument :
MSVOA_X
ClientSampleId :
001-002-003-1RE

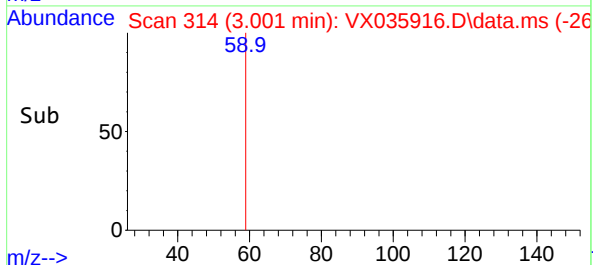
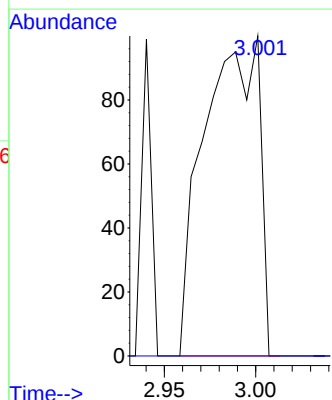
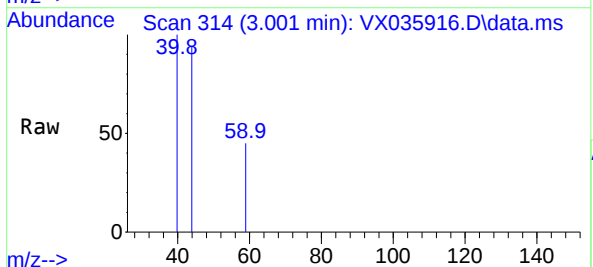


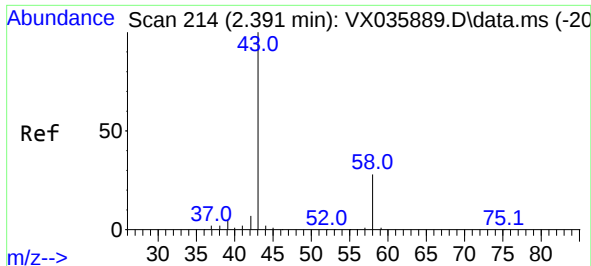
Tgt Ion:168 Resp: 223641
Ion Ratio Lower Upper
168 100
99 65.7 57.0 85.6



#11
Tert butyl alcohol
Concen: 0.302 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.006 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

Tgt Ion: 59 Resp: 209
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

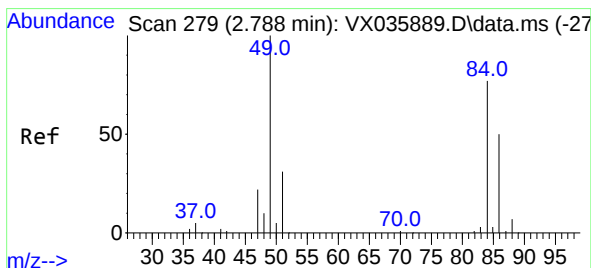
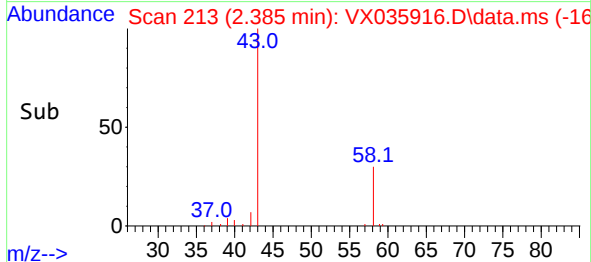
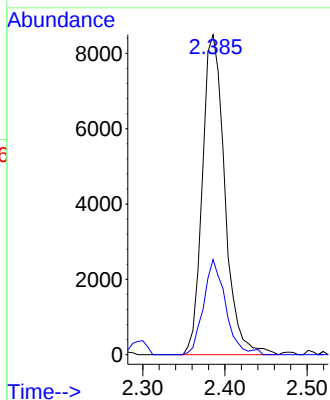
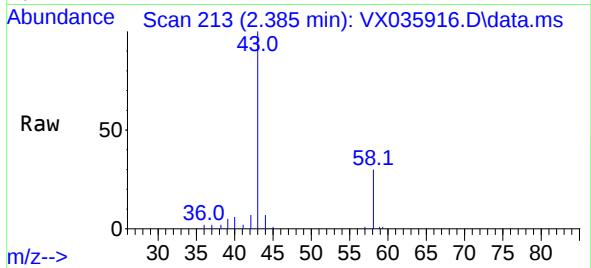




#16
Acetone
Concen: 10.037 ug/l
RT: 2.385 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

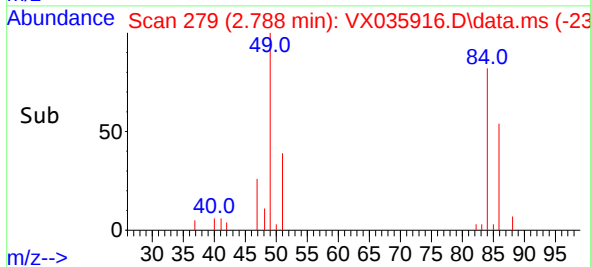
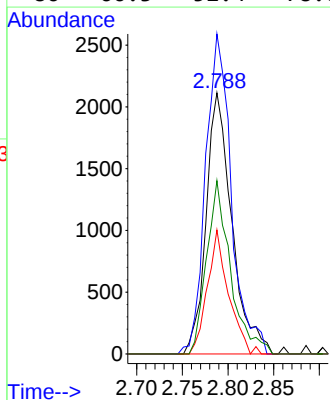
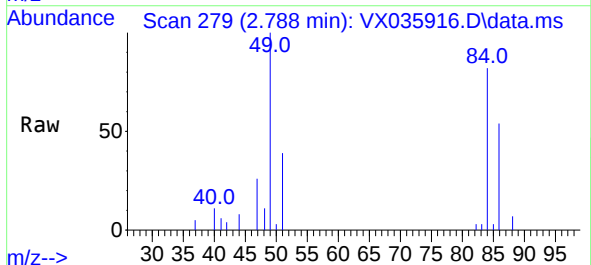
Instrument :
MSVOA_X
ClientSampleId :
001-002-003-1RE

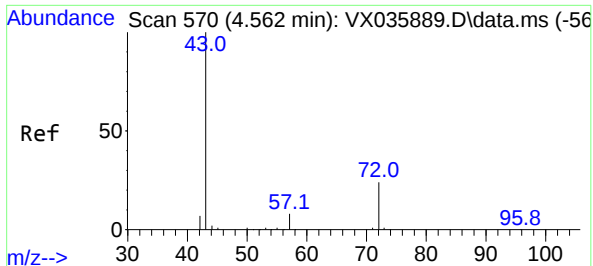
Tgt Ion: 43 Resp: 16104
Ion Ratio Lower Upper
43 100
58 29.8 22.2 33.2



#20
Methylene Chloride
Concen: 0.598 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

Tgt Ion: 84 Resp: 4140
Ion Ratio Lower Upper
84 100
49 122.5 104.6 156.8
51 47.5 32.2 48.4
86 66.3 52.4 78.6

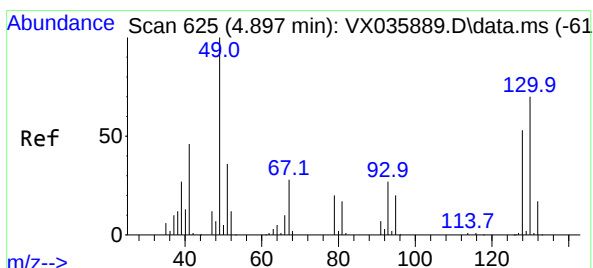
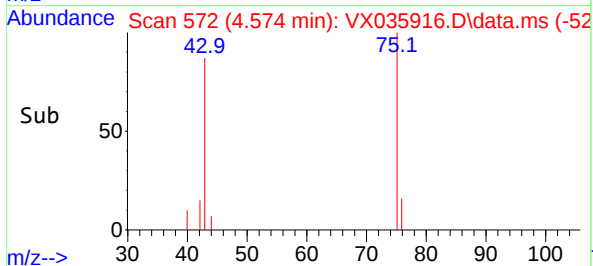
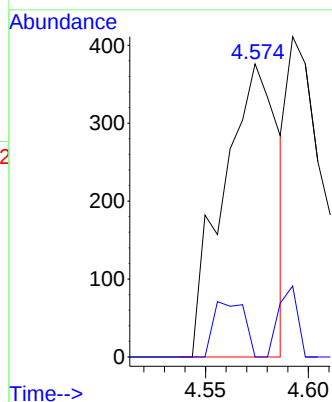
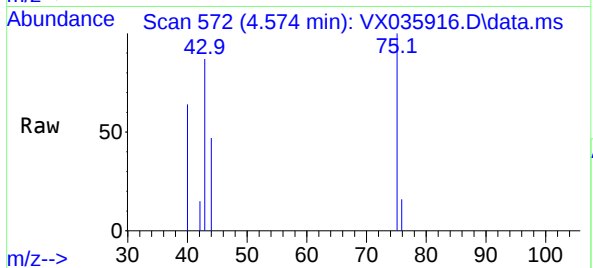




#25
2-Butanone
Concen: 0.300 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

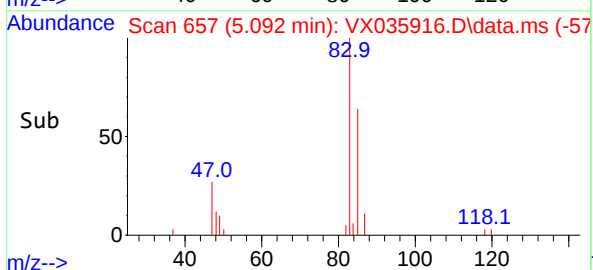
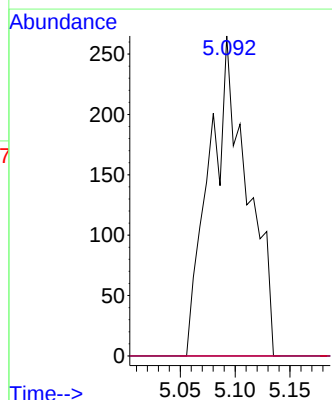
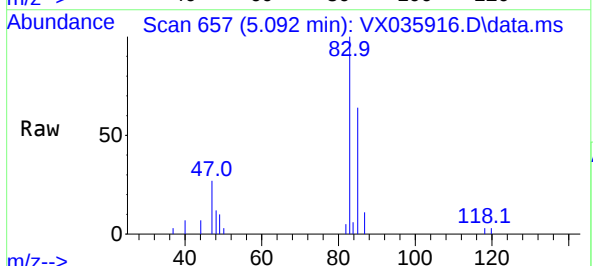
Instrument :
MSVOA_X
ClientSampleId :
001-002-003-1RE

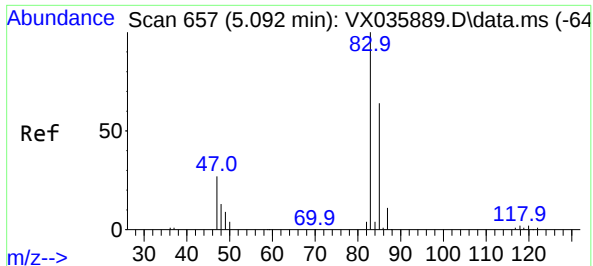
Tgt Ion: 43 Resp: 696
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#28
Bromochloromethane
Concen: 0.245 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.195 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

Tgt Ion: 49 Resp: 638
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 55.8 83.8#





#30

Chloroform

Concen: 1.425 ug/l

RT: 5.092 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX035916.D

Acq: 30 May 2023 19:08

Instrument :

MSVOA_X

ClientSampleId :

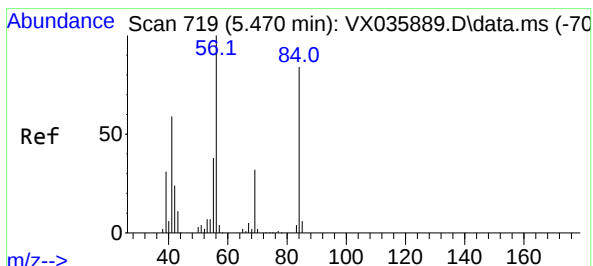
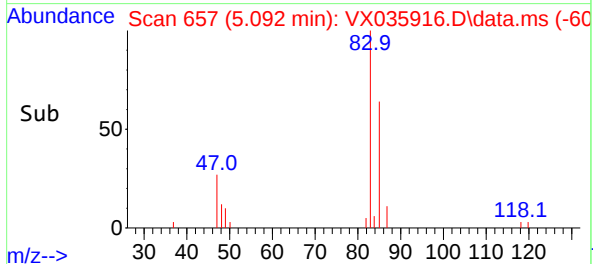
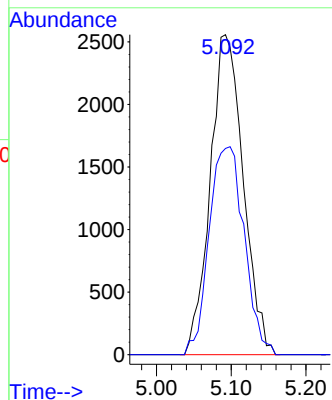
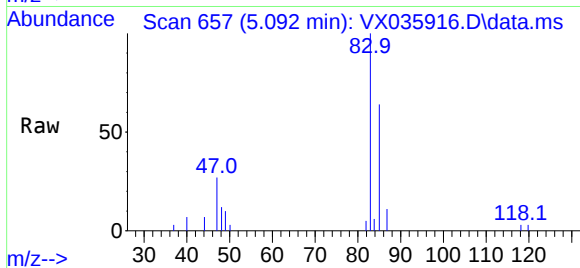
001-002-003-1RE

Tgt Ion: 83 Resp: 7860

Ion Ratio Lower Upper

83 100

85 64.5 51.0 76.4



#31

Cyclohexane

Concen: 1.021 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX035916.D

Acq: 30 May 2023 19:08

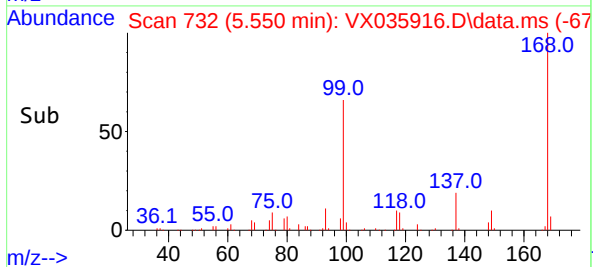
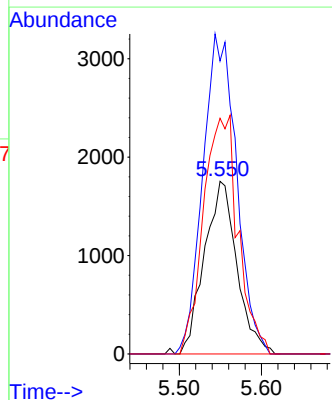
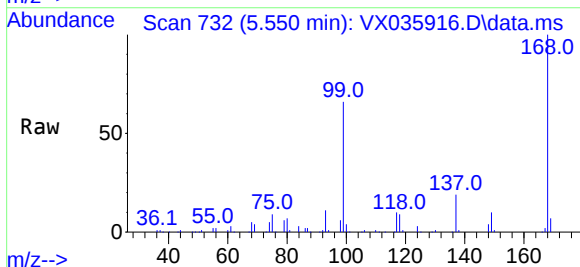
Tgt Ion: 56 Resp: 4819

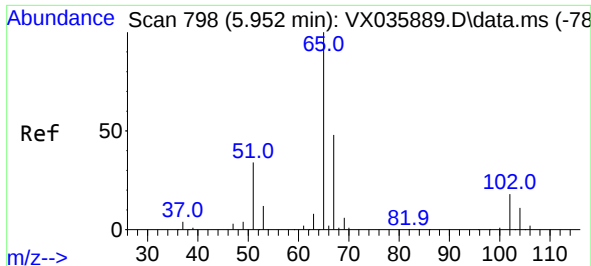
Ion Ratio Lower Upper

56 100

69 169.6 25.9 38.9#

84 136.5 67.6 101.4#

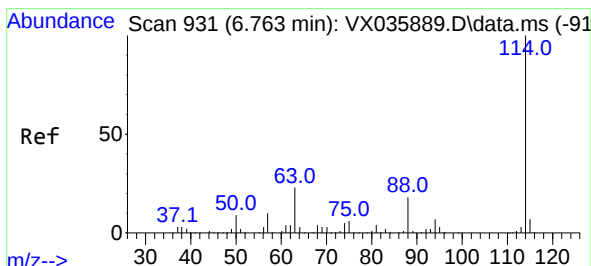
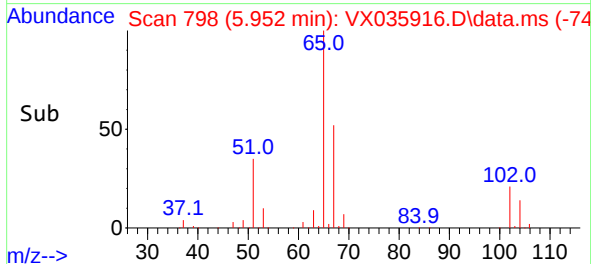
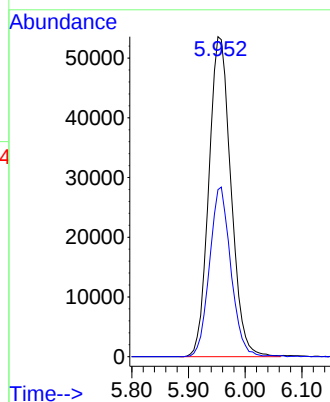
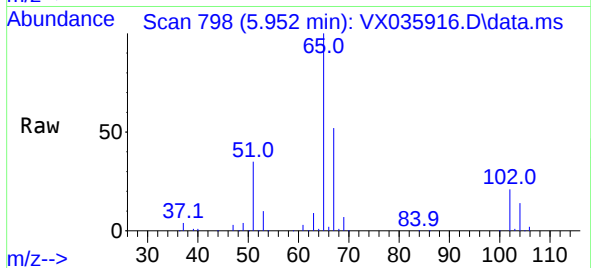




#33
1,2-Dichloroethane-d4
Concen: 36.500 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

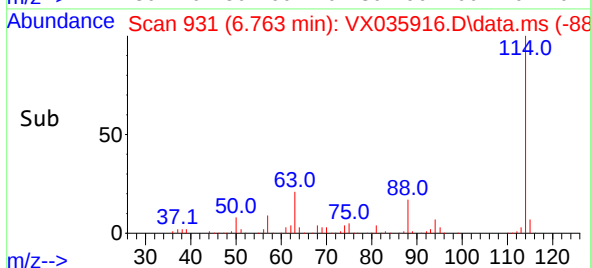
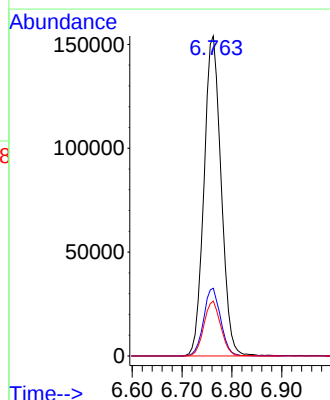
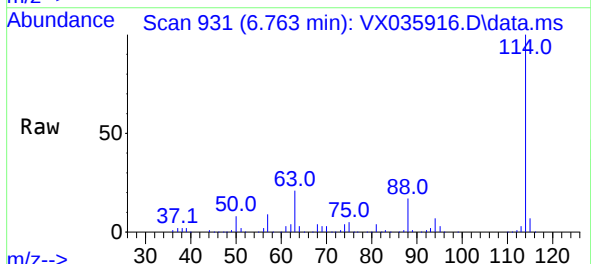
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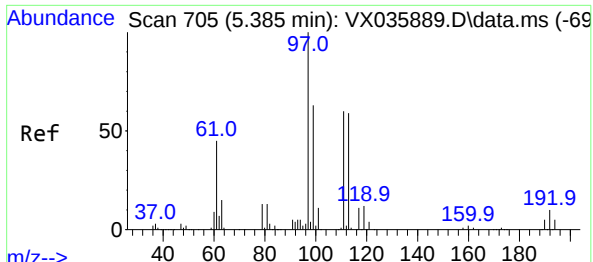
Tgt Ion: 65 Resp: 145060
Ion Ratio Lower Upper
65 100
67 51.0 0.0 99.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

Tgt Ion: 114 Resp: 367513
Ion Ratio Lower Upper
114 100
63 21.2 0.0 46.0
88 17.1 0.0 35.2

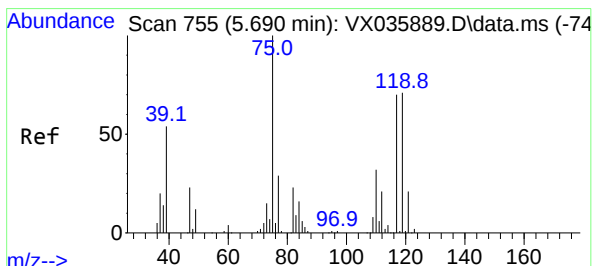
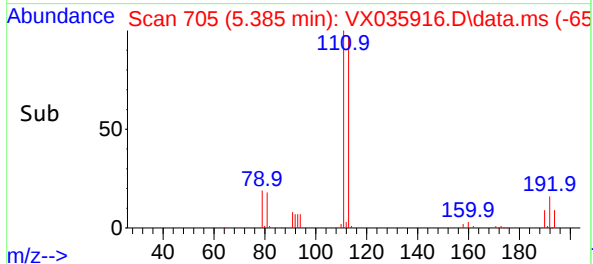
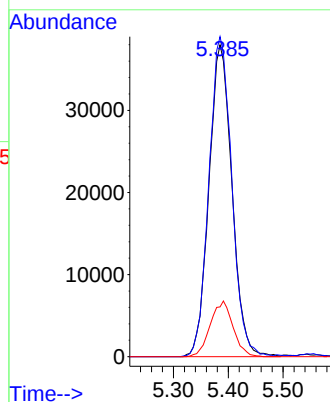
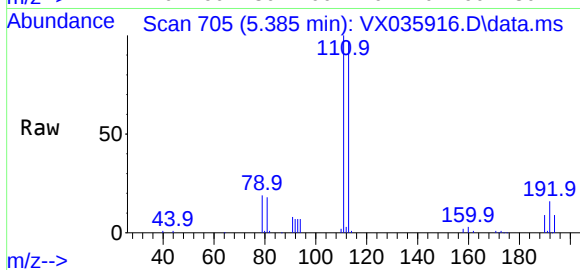




#35
Dibromofluoromethane
Concen: 43.780 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

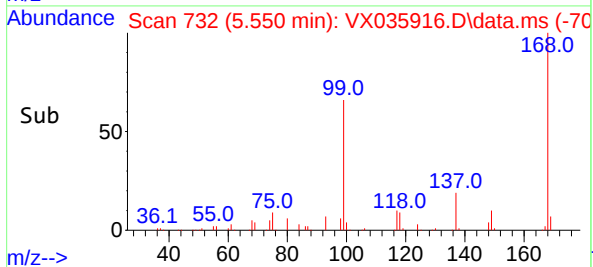
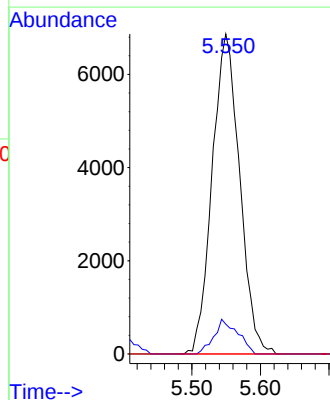
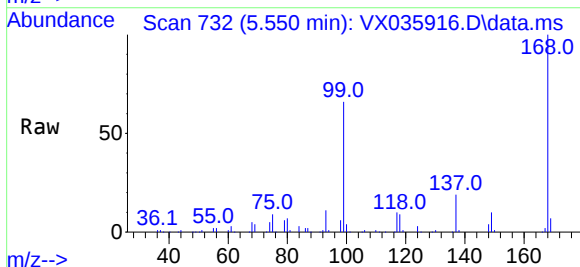
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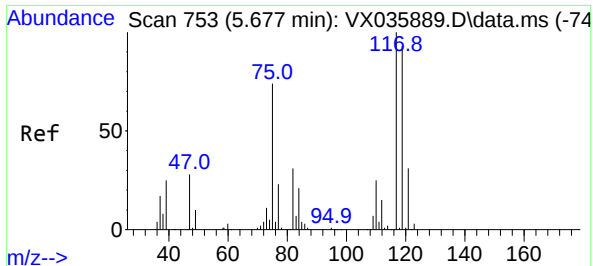
Tgt Ion:113 Resp: 110520
Ion Ratio Lower Upper
113 100
111 101.9 81.7 122.5
192 17.7 13.5 20.3



#36
1,1-Dichloropropene
Concen: 4.985 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

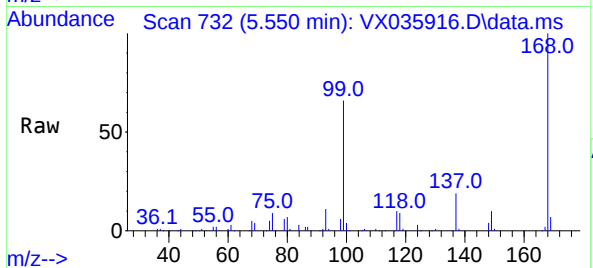
Tgt Ion: 75 Resp: 19110
Ion Ratio Lower Upper
75 100
110 9.4 16.6 49.7#
77 0.0 24.4 36.6#



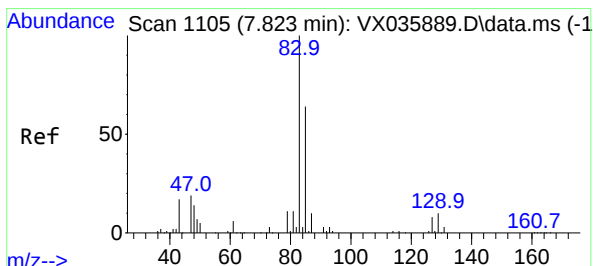
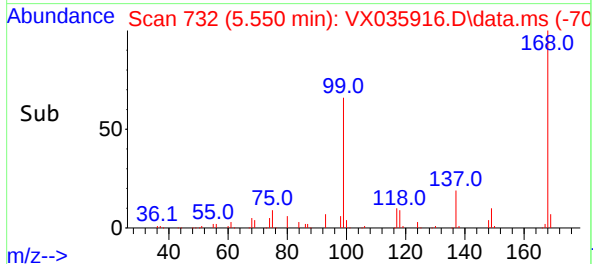
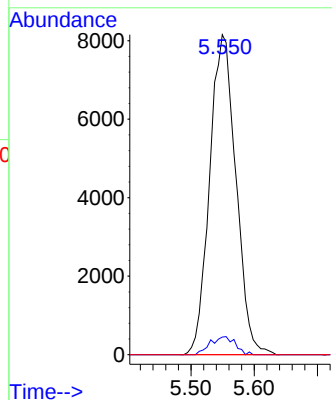


#38
Carbon Tetrachloride
Concen: 6.506 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

Instrument :
MSVOA_X
ClientSampleId :
001-002-003-1RE

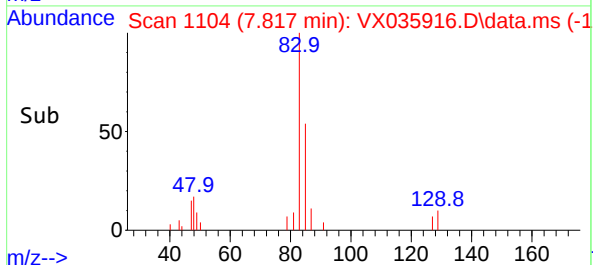
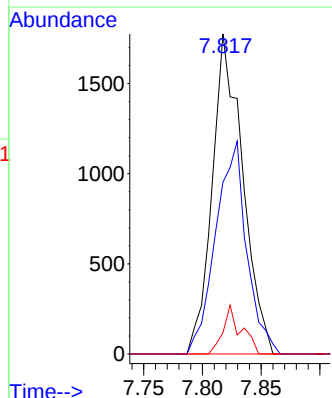
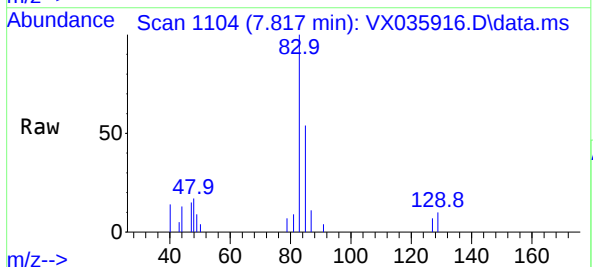


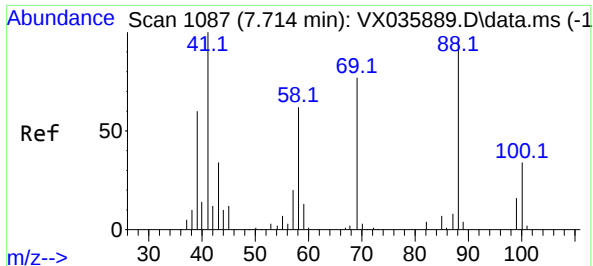
Tgt Ion:117 Resp: 23506
Ion Ratio Lower Upper
117 100
119 5.5 74.1 111.1#
121 0.0 25.0 37.4#



#47
Bromodichloromethane
Concen: 0.885 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

Tgt Ion: 83 Resp: 3207
Ion Ratio Lower Upper
83 100
85 53.6 51.3 76.9
127 6.6 6.6 10.0#

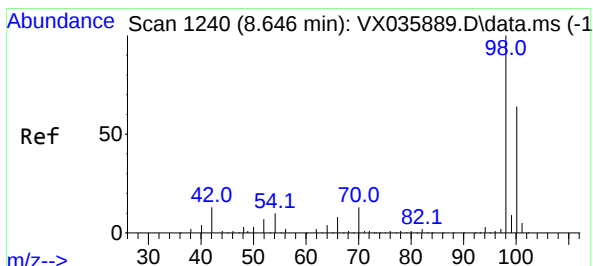
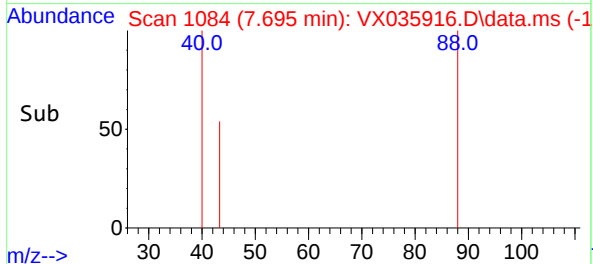
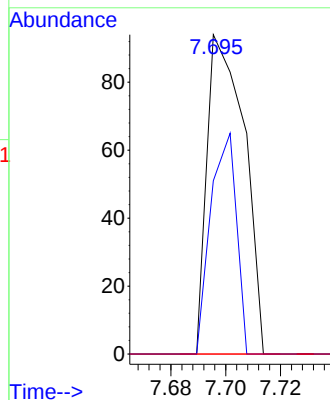
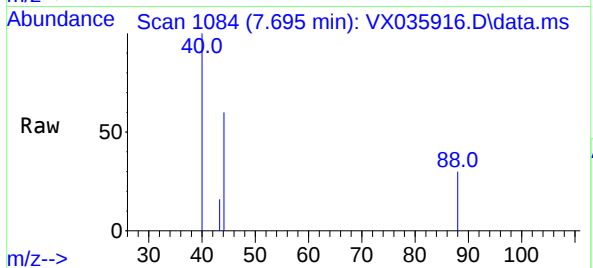




#49
1,4-Dioxane
Concen: 1.222 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.018 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

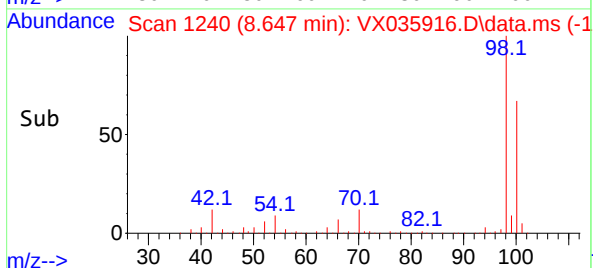
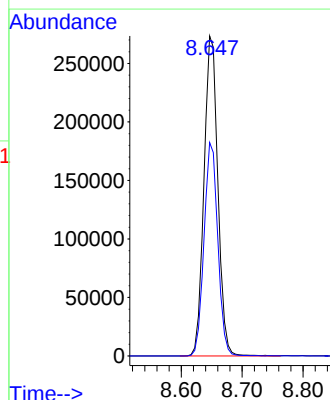
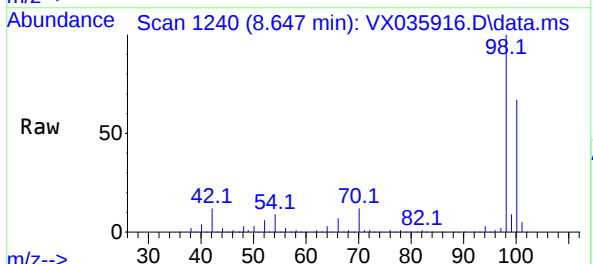
Instrument :
MSVOA_X
ClientSampleId :
001-002-003-1RE

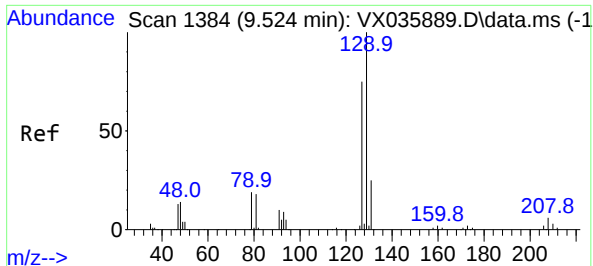
Tgt Ion: 88 Resp: 89
Ion Ratio Lower Upper
88 100
43 47.2 27.4 41.0#
58 0.0 58.9 88.3#



#50
Toluene-d8
Concen: 46.681 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

Tgt Ion: 98 Resp: 432491
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0

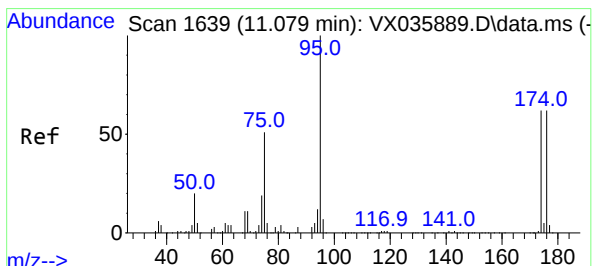
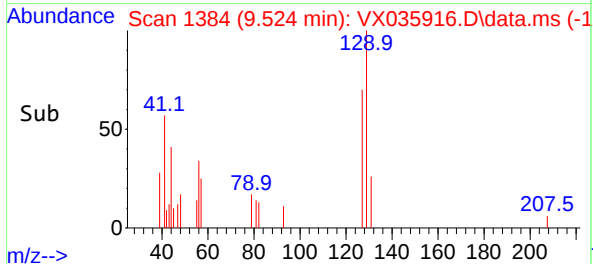
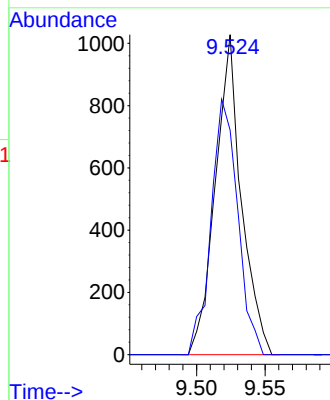
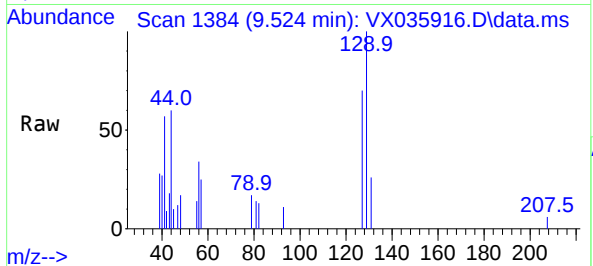




#60
Dibromochloromethane
Concen: 0.555 ug/l
RT: 9.524 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

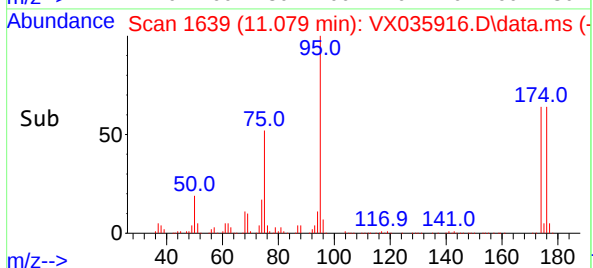
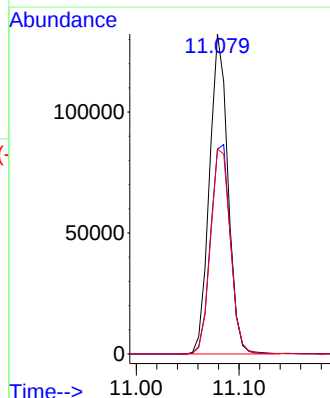
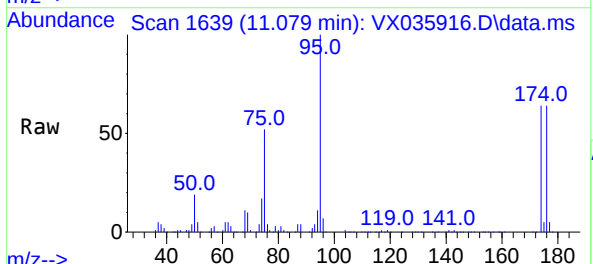
Instrument :
MSVOA_X
ClientSampleId :
001-002-003-1RE

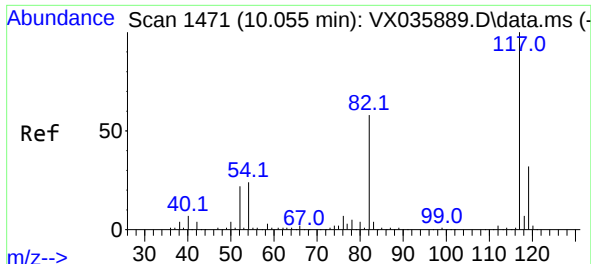
Tgt Ion:129 Resp: 1358
Ion Ratio Lower Upper
129 100
127 81.7 38.4 115.1



#62
4-Bromofluorobenzene
Concen: 45.296 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

Tgt Ion: 95 Resp: 165340
Ion Ratio Lower Upper
95 100
174 70.0 0.0 132.6
176 68.5 0.0 128.0

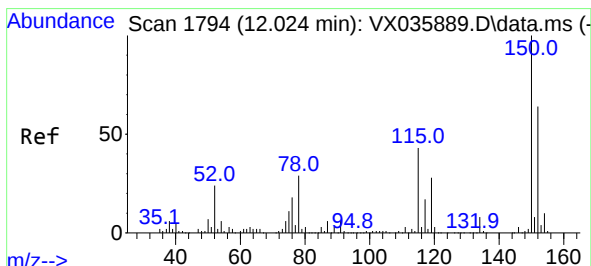
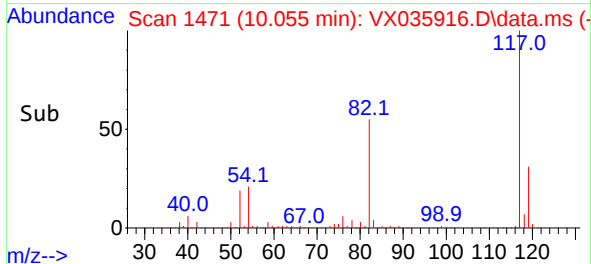
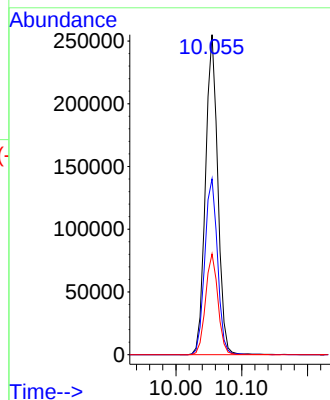
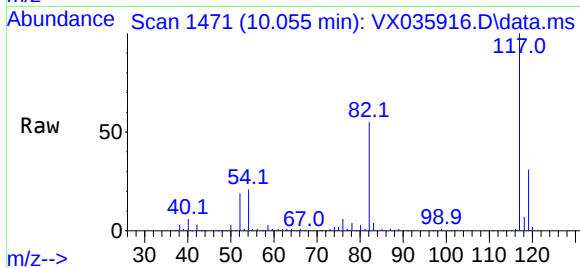




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

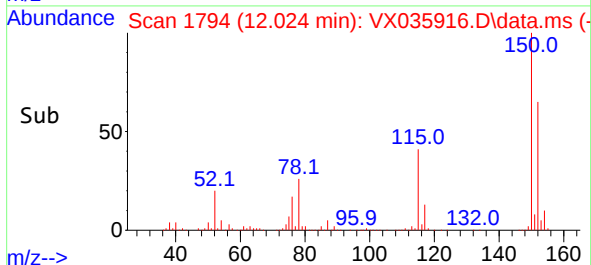
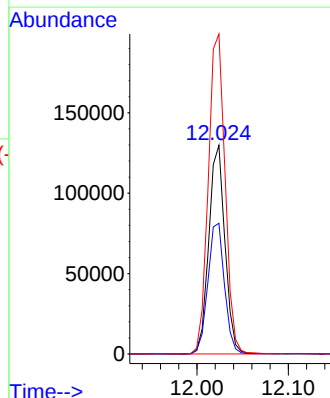
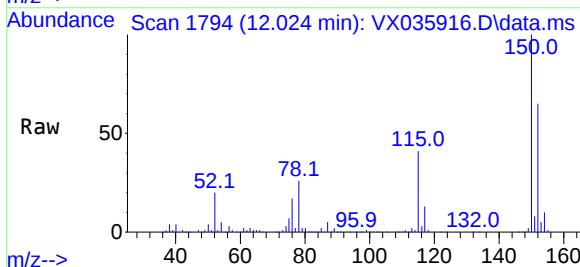
Instrument :
MSVOA_X
ClientSampleId :
001-002-003-1RE

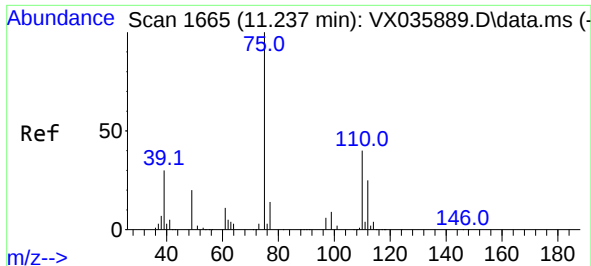
Tgt Ion:117 Resp: 331732
Ion Ratio Lower Upper
117 100
82 55.0 46.6 69.8
119 31.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

Tgt Ion:152 Resp: 158868
Ion Ratio Lower Upper
152 100
115 64.6 45.5 136.5
150 159.5 0.0 345.2

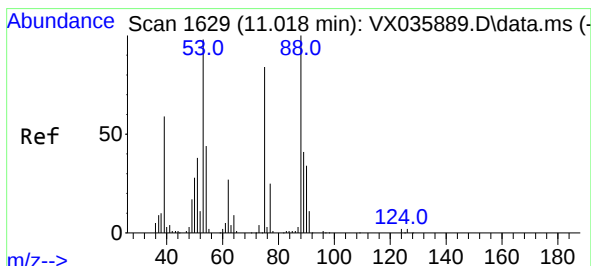
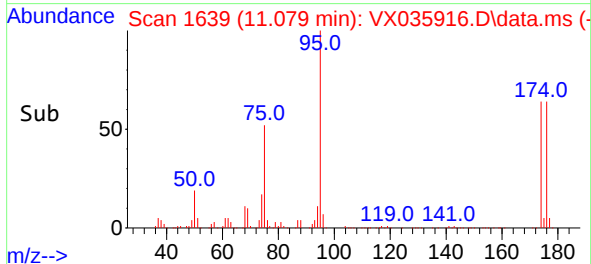
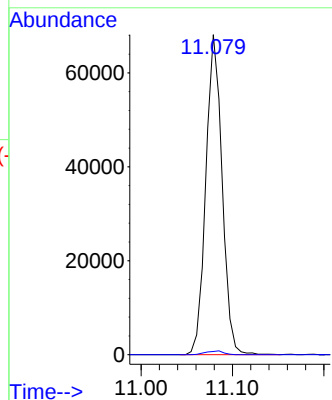
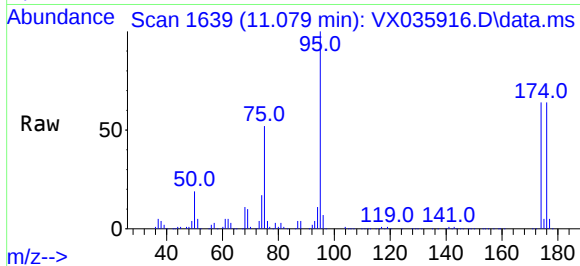




#76
1,2,3-Trichloropropane
Concen: 21.271 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

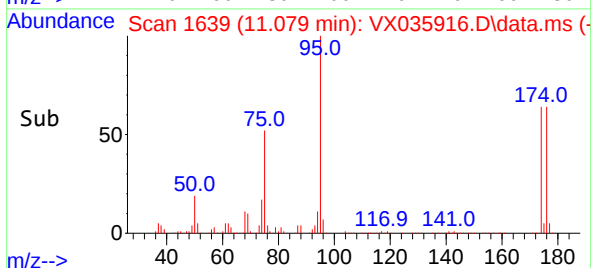
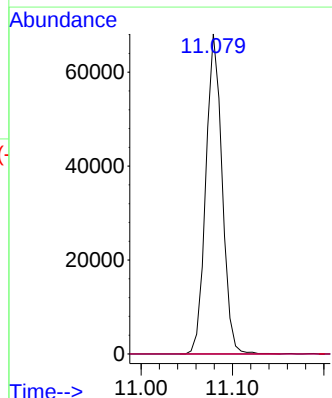
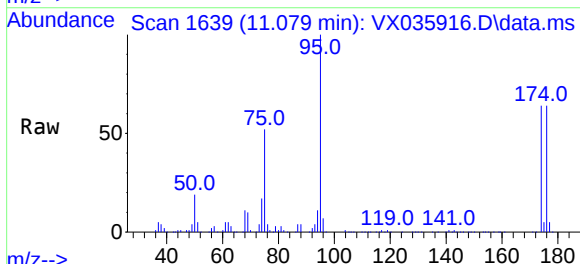
Instrument :
MSVOA_X
ClientSampleId :
001-002-003-1RE

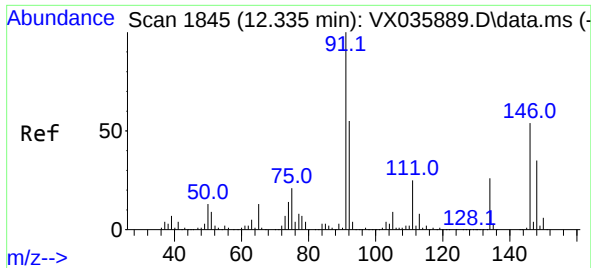
Tgt Ion: 75 Resp: 84334
Ion Ratio Lower Upper
75 100
77 1.3 21.4 64.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.709 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035916.D
Acq: 30 May 2023 19:08

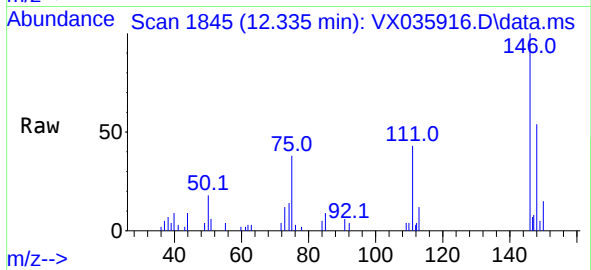
Tgt Ion: 75 Resp: 84334
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#





#91
 1,2-Dichlorobenzene
 Concen: 0.680 ug/l
 RT: 12.335 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035916.D
 Acq: 30 May 2023 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 001-002-003-1RE



Tgt Ion:	146	Resp:	3726
Ion	Ratio	Lower	Upper
146	100		
111	49.8	23.3	69.9
148	63.0	31.9	95.7

