

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035837.D
 Acq On : 24 May 2023 15:38
 Operator : JC/MD
 Sample : 02911-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT172S1-20230523

Quant Time: May 25 05:32:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

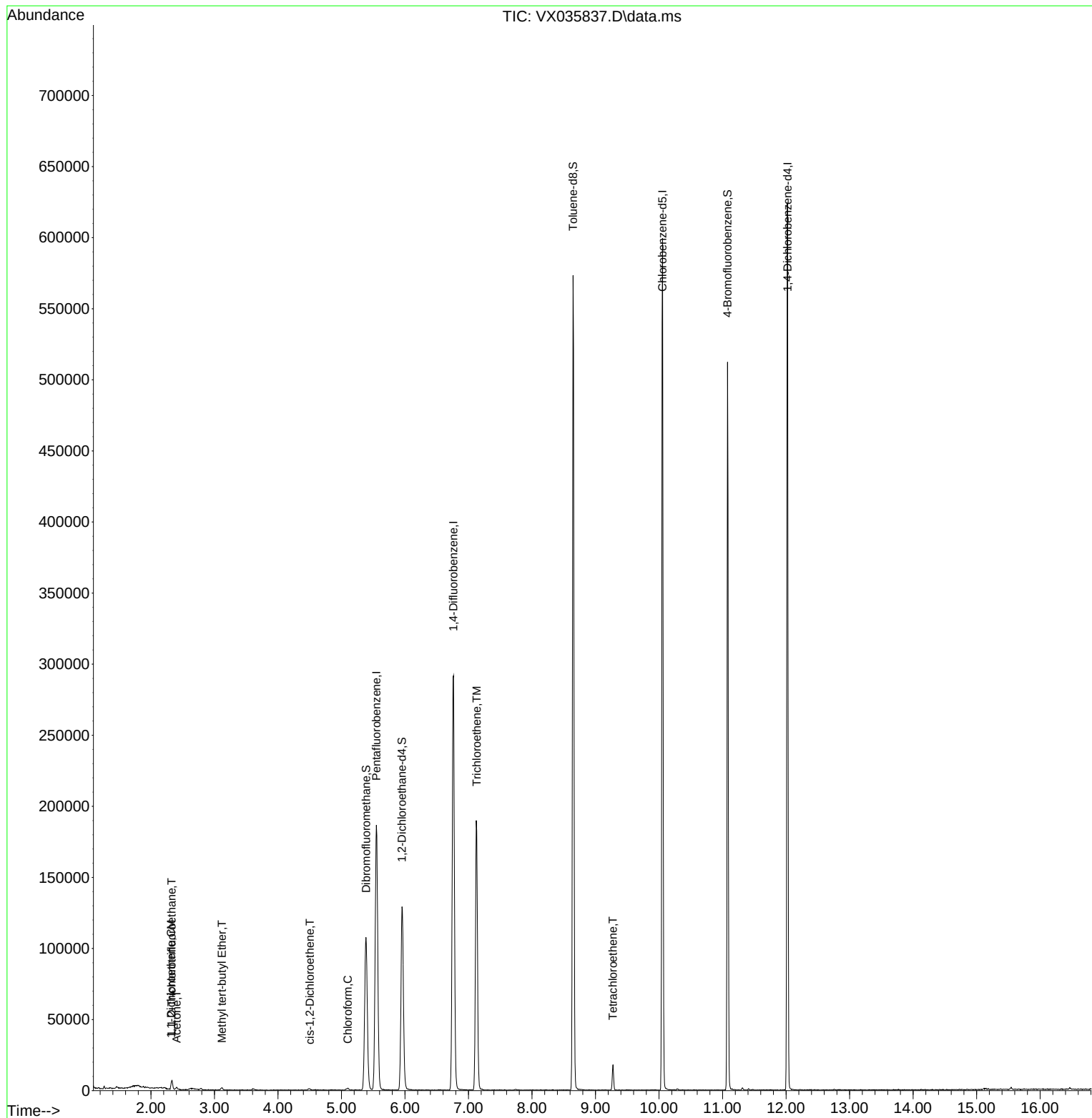
Internal Standards						
1) Pentafluorobenzene	5.550	168	171625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	295498	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	123169	41.138	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.280%
35) Dibromofluoromethane	5.385	113	93105	46.720	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.440%
50) Toluene-d8	8.647	98	325328	44.190	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.380%#
62) 4-Bromofluorobenzene	11.079	95	129680	43.748	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.500%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	2209	1.098	ug/l	98
12) 1,1-Dichloroethene	2.319	96	475	0.249	ug/l #	70
16) Acetone	2.404	43	2682	2.084	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	1554	0.204	ug/l	92
27) cis-1,2-Dichloroethene	4.501	96	608	0.241	ug/l	86
30) Chloroform	5.098	83	1553	0.353	ug/l	100
44) Trichloroethene	7.129	130	72274	32.391	ug/l	99
64) Tetrachloroethene	9.275	164	2866	1.626	ug/l	94

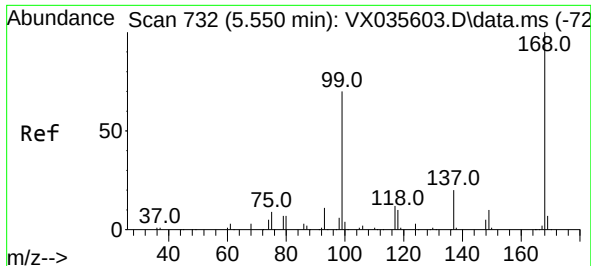
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

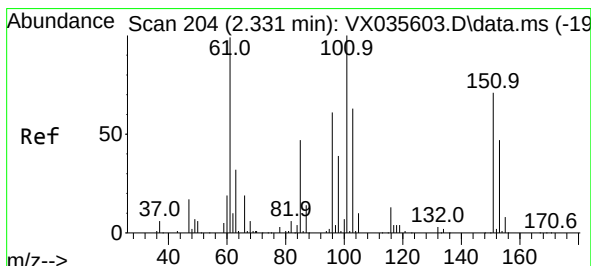
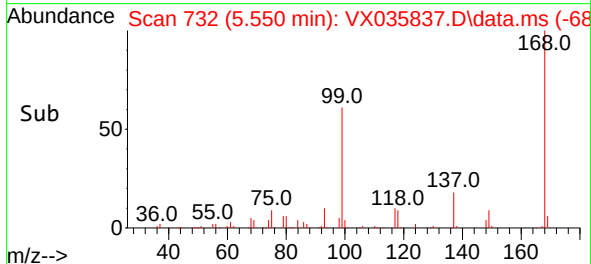
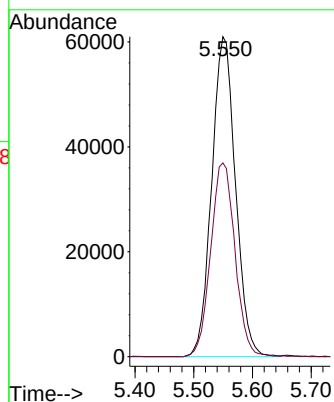
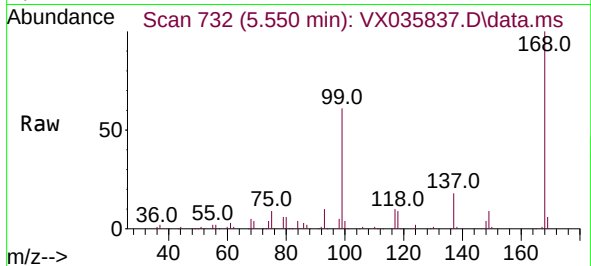




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035837.D
Acq: 24 May 2023 15:38

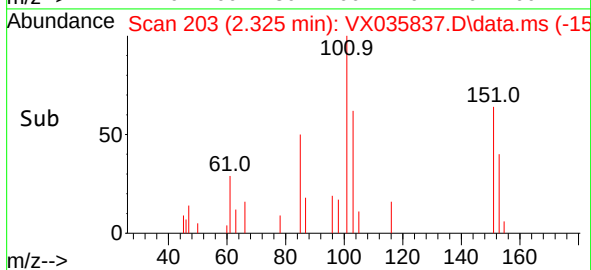
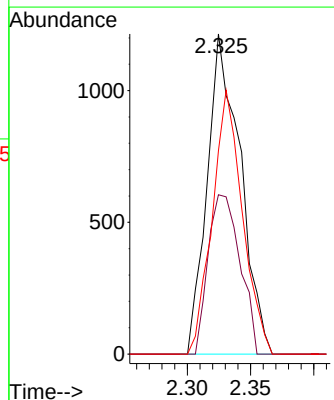
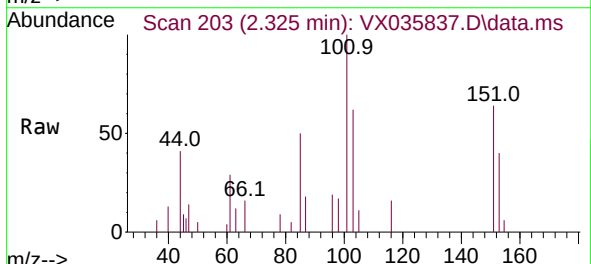
Instrument :
MSVOA_X
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TT172S1-20230523

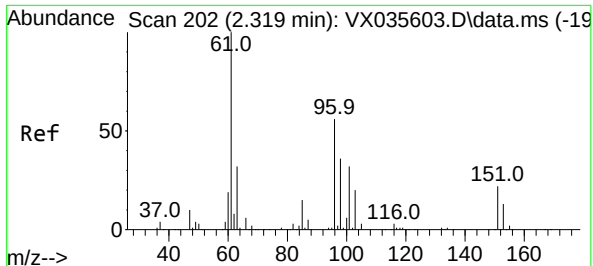
Tgt Ion:168 Resp: 171625
Ion Ratio Lower Upper
168 100
99 60.5 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.098 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX035837.D
Acq: 24 May 2023 15:38

Tgt Ion:101 Resp: 2209
Ion Ratio Lower Upper
101 100
85 48.0 35.4 53.2
151 75.1 60.2 90.4





#12

1,1-Dichloroethene

Concen: 0.249 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX035837.D

Acq: 24 May 2023 15:38

Instrument :

MSVOA_X

ClientSampleId :

TT172S1-20230523

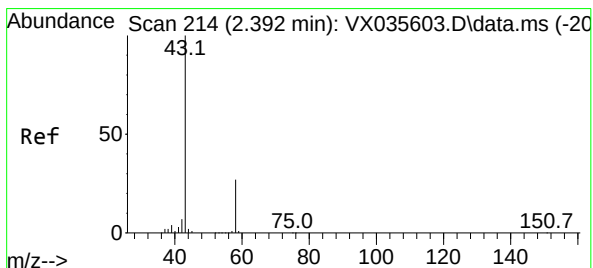
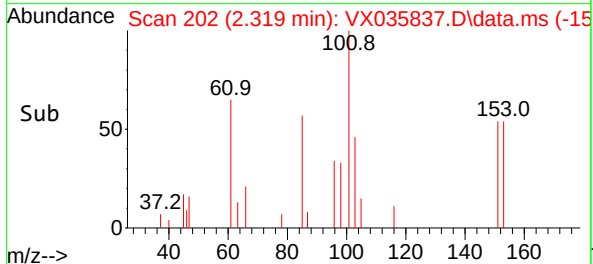
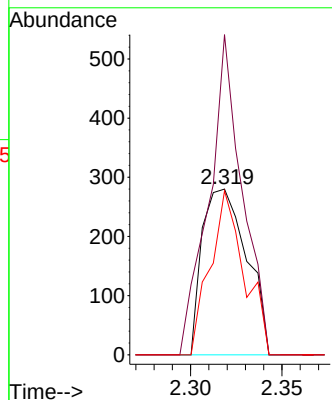
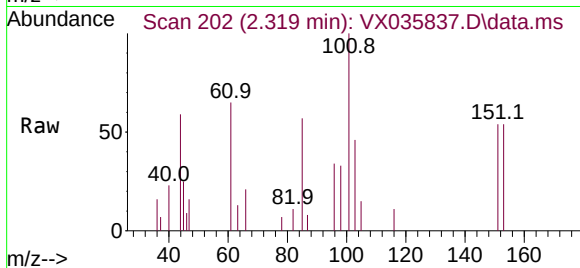
Tgt Ion: 96 Resp: 475

Ion Ratio Lower Upper

96 100

61 193.2 128.8 193.2#

98 98.9 51.4 77.0#



#16

Acetone

Concen: 2.084 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.012 min

Lab File: VX035837.D

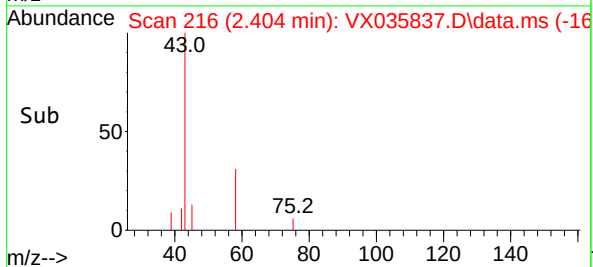
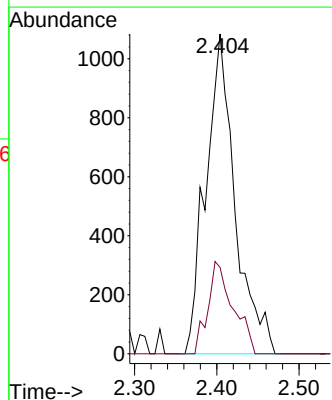
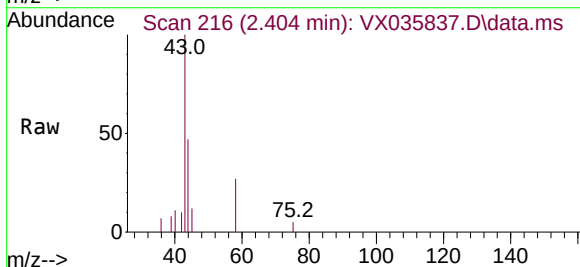
Acq: 24 May 2023 15:38

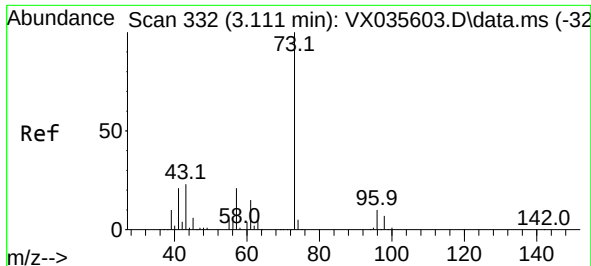
Tgt Ion: 43 Resp: 2682

Ion Ratio Lower Upper

43 100

58 27.0 24.7 37.1

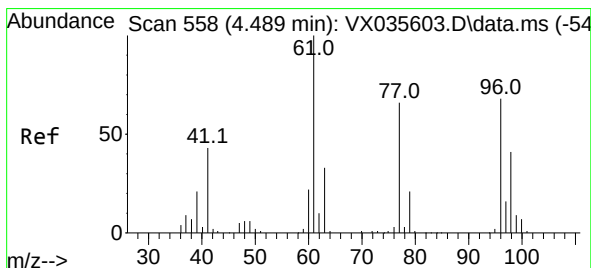
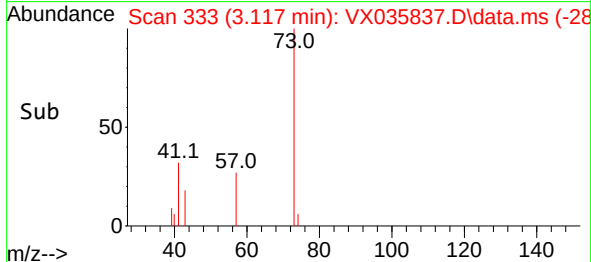
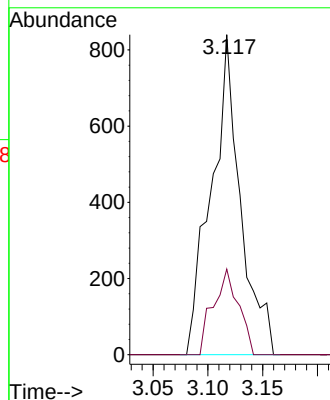
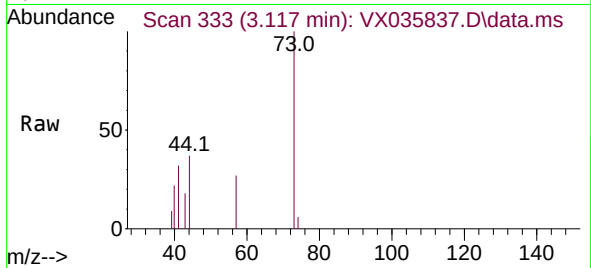




#19
Methyl tert-butyl Ether
Concen: 0.204 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX035837.D
Acq: 24 May 2023 15:38

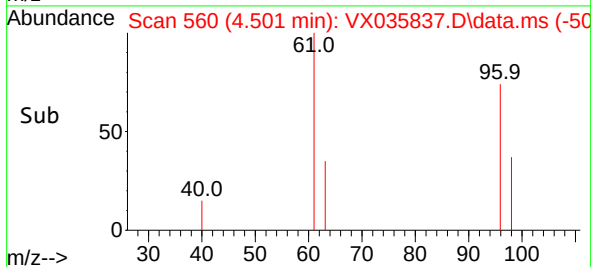
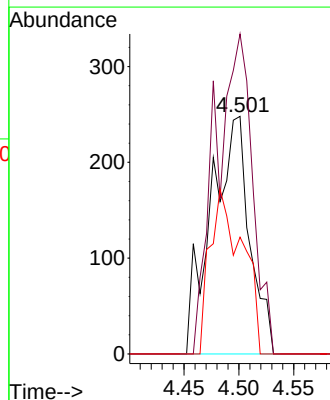
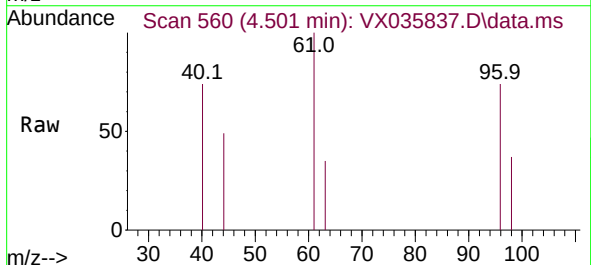
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20230523

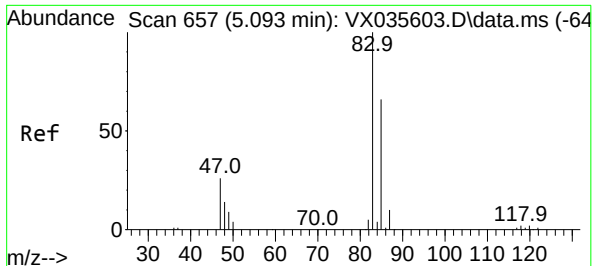
Tgt Ion: 73 Resp: 1554
Ion Ratio Lower Upper
73 100
57 26.8 18.5 27.7



#27
cis-1,2-Dichloroethene
Concen: 0.241 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX035837.D
Acq: 24 May 2023 15:38

Tgt Ion: 96 Resp: 608
Ion Ratio Lower Upper
96 100
61 129.1 0.0 300.4
98 58.1 0.0 129.0





#30

Chloroform

Concen: 0.353 ug/l

RT: 5.098 min Scan# 61

Delta R.T. 0.005 min

Lab File: VX035837.D

Acq: 24 May 2023 15:38

Instrument :

MSVOA_X

ClientSampleId :

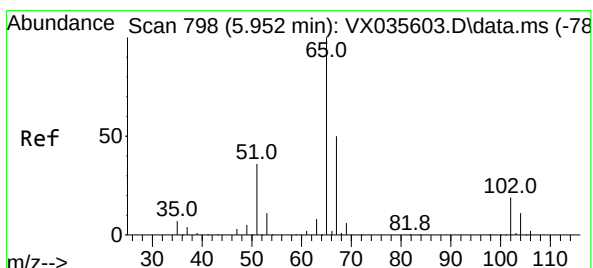
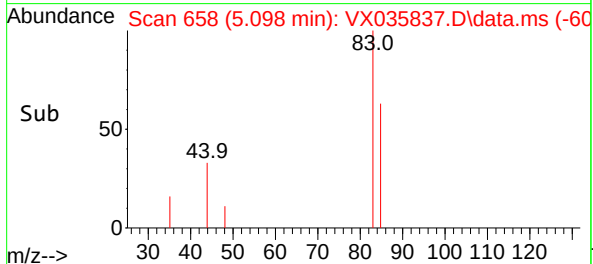
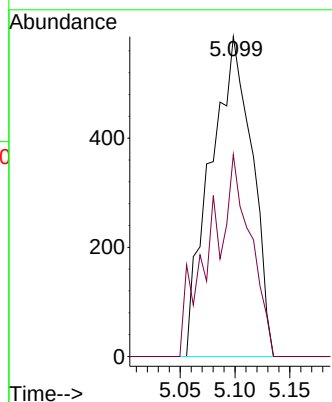
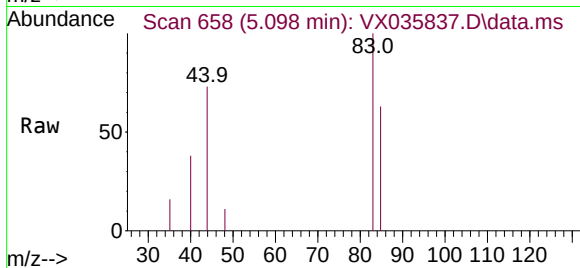
TT172S1-20230523

Tgt Ion: 83 Resp: 1553

Ion Ratio Lower Upper

83 100

85 63.1 50.6 76.0



#33

1,2-Dichloroethane-d4

Concen: 41.138 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035837.D

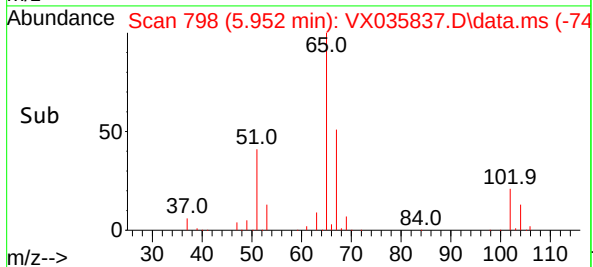
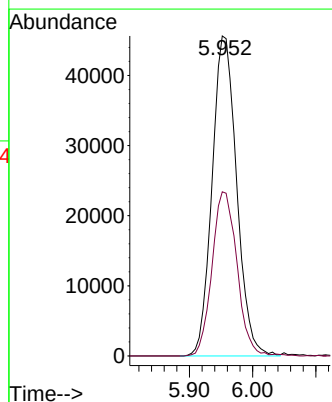
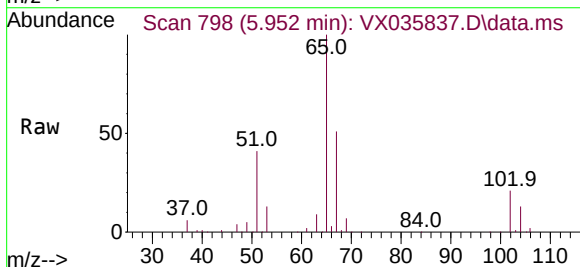
Acq: 24 May 2023 15:38

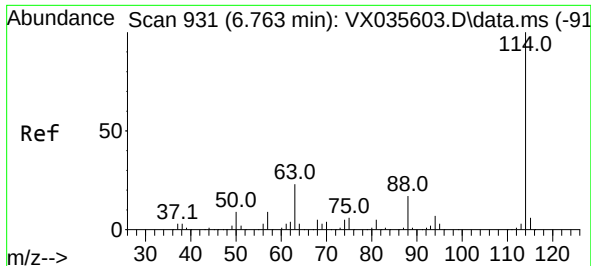
Tgt Ion: 65 Resp: 123169

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.0

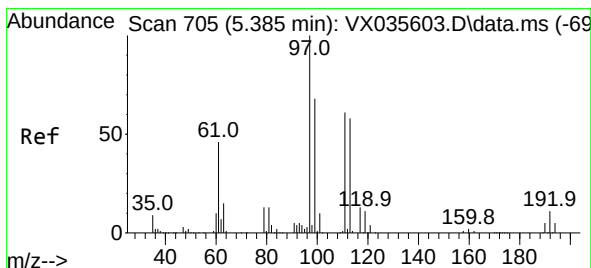
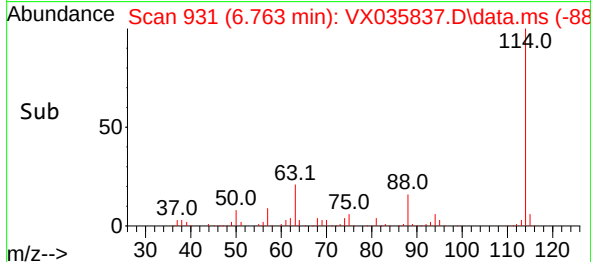
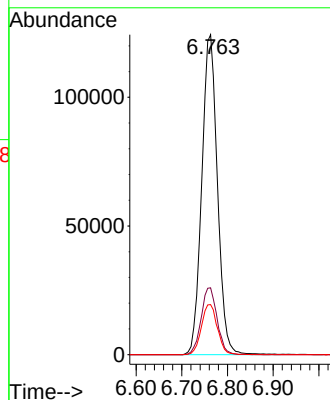
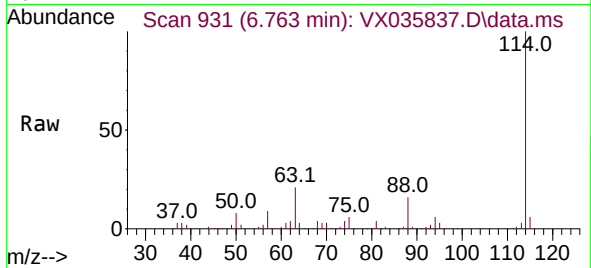




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035837.D
Acq: 24 May 2023 15:38

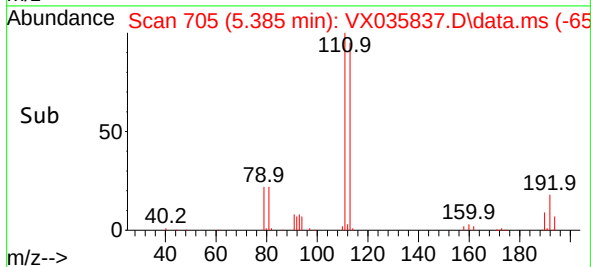
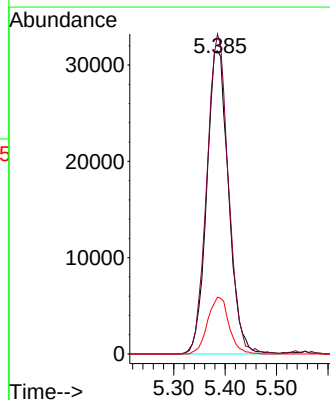
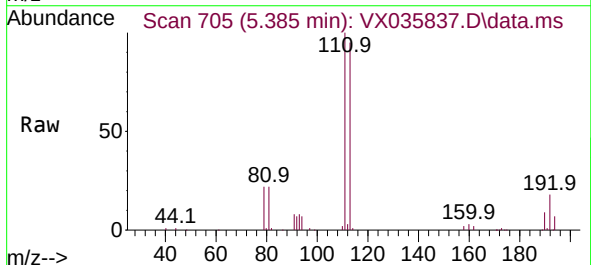
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ClientSampleId :
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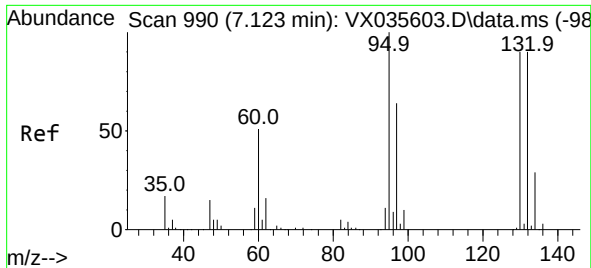
Tgt Ion:114 Resp: 295498
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.2
88 15.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.720 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035837.D
Acq: 24 May 2023 15:38

Tgt Ion:113 Resp: 93105
Ion Ratio Lower Upper
113 100
111 104.0 83.7 125.5
192 18.2 15.4 23.2

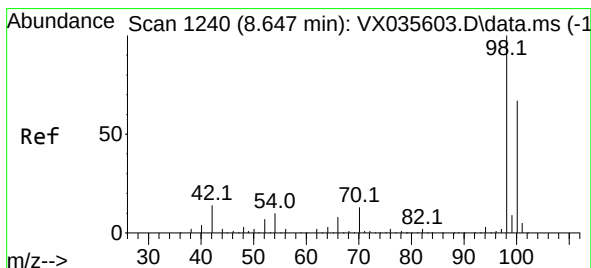
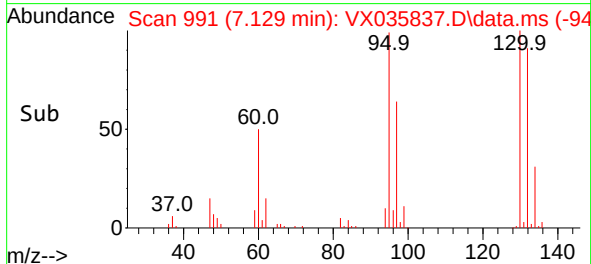
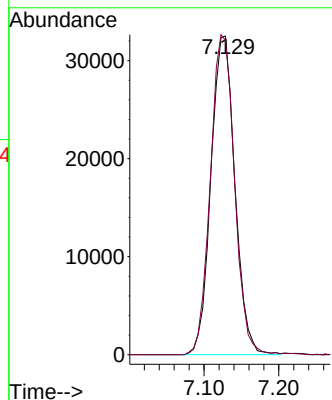
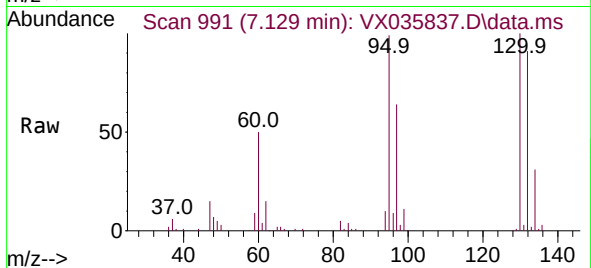




#44
Trichloroethene
Concen: 32.391 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX035837.D
Acq: 24 May 2023 15:38

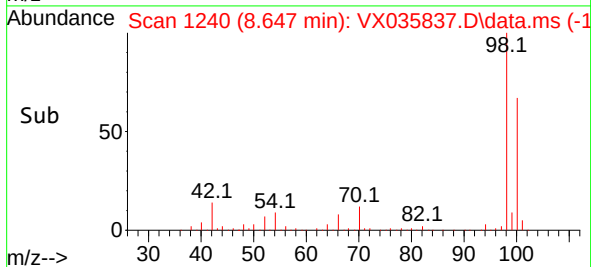
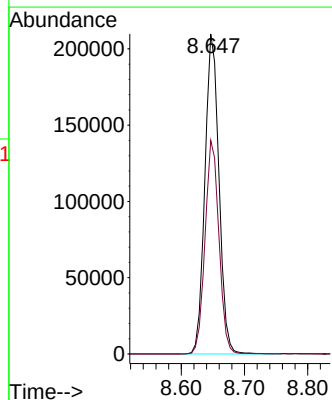
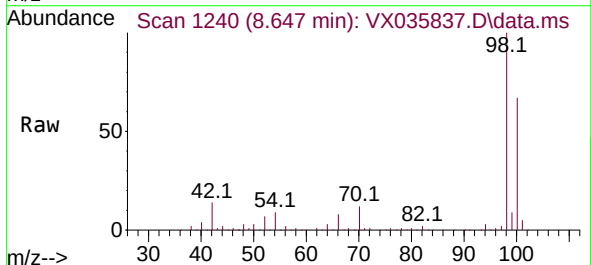
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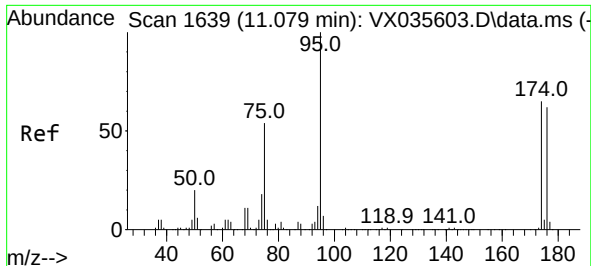
Tgt Ion:130 Resp: 72274
Ion Ratio Lower Upper
130 100
95 98.6 0.0 198.4



#50
Toluene-d8
Concen: 44.190 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035837.D
Acq: 24 May 2023 15:38

Tgt Ion: 98 Resp: 325328
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

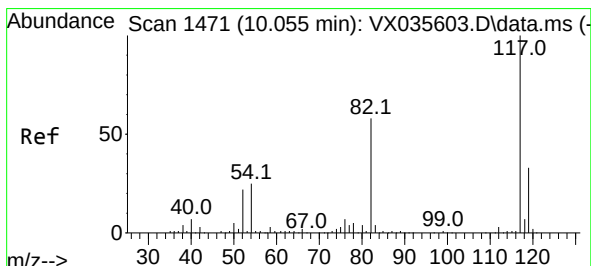
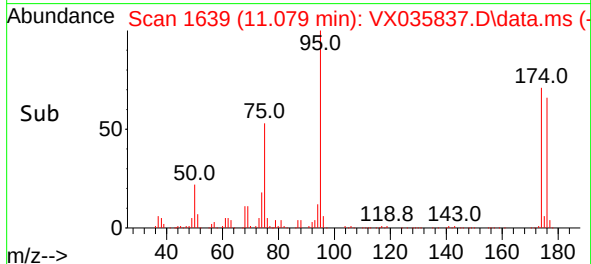
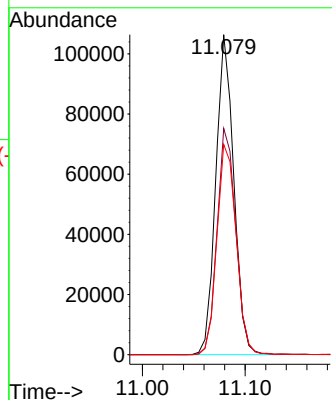
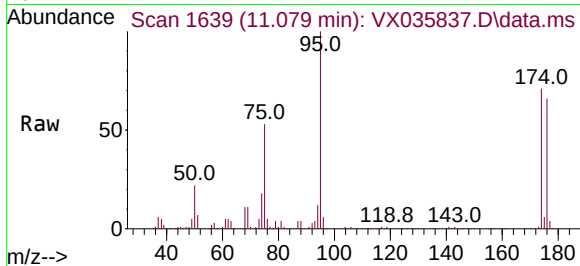




#62
4-Bromofluorobenzene
Concen: 43.748 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035837.D
Acq: 24 May 2023 15:38

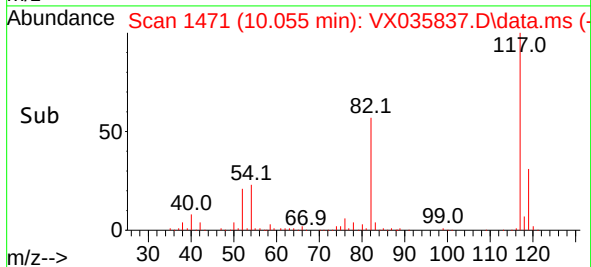
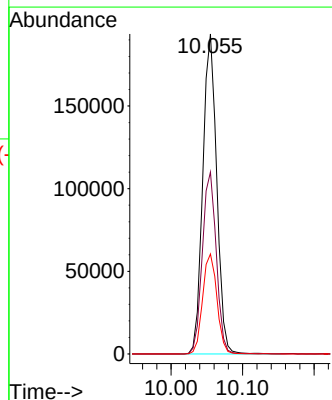
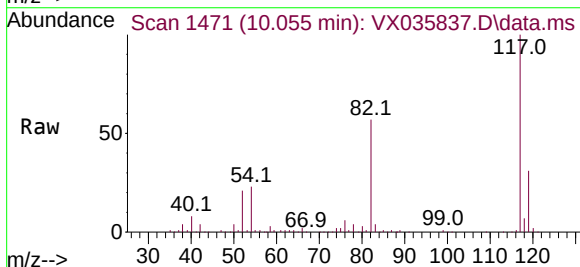
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20230523

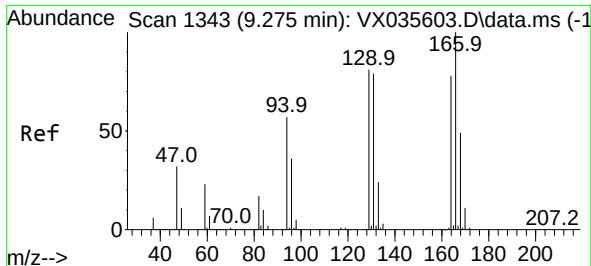
Tgt Ion: 95 Resp: 129680
Ion Ratio Lower Upper
95 100
174 73.4 0.0 147.4
176 70.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035837.D
Acq: 24 May 2023 15:38

Tgt Ion: 117 Resp: 261740
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 31.3 26.0 39.0

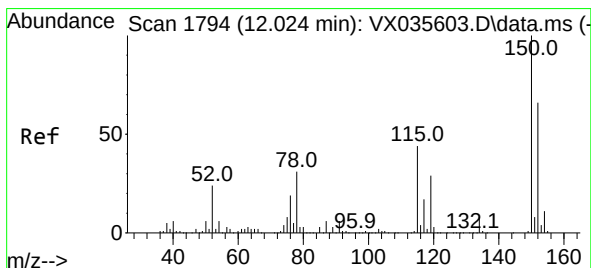
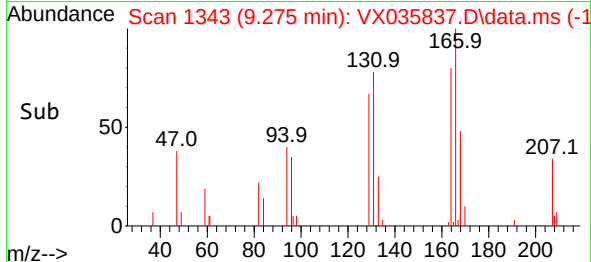
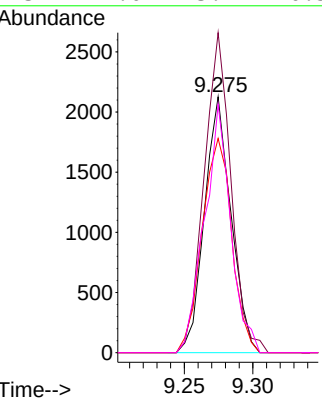
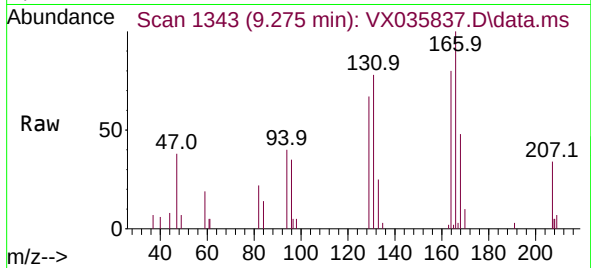




#64
Tetrachloroethene
Concen: 1.626 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035837.D
Acq: 24 May 2023 15:38

Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20230523

Tgt Ion:164 Resp: 2866
Ion Ratio Lower Upper
164 100
166 125.1 102.7 154.1
129 83.7 75.6 113.4
131 97.0 73.7 110.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035837.D
Acq: 24 May 2023 15:38

Tgt Ion:152 Resp: 125444
Ion Ratio Lower Upper
152 100
115 60.9 45.0 135.0
150 159.4 0.0 352.4

