

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035833.D
 Acq On : 24 May 2023 14:05
 Operator : JC/MD
 Sample : 02911-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT205S1-20230522

Quant Time: May 25 05:31:03 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)

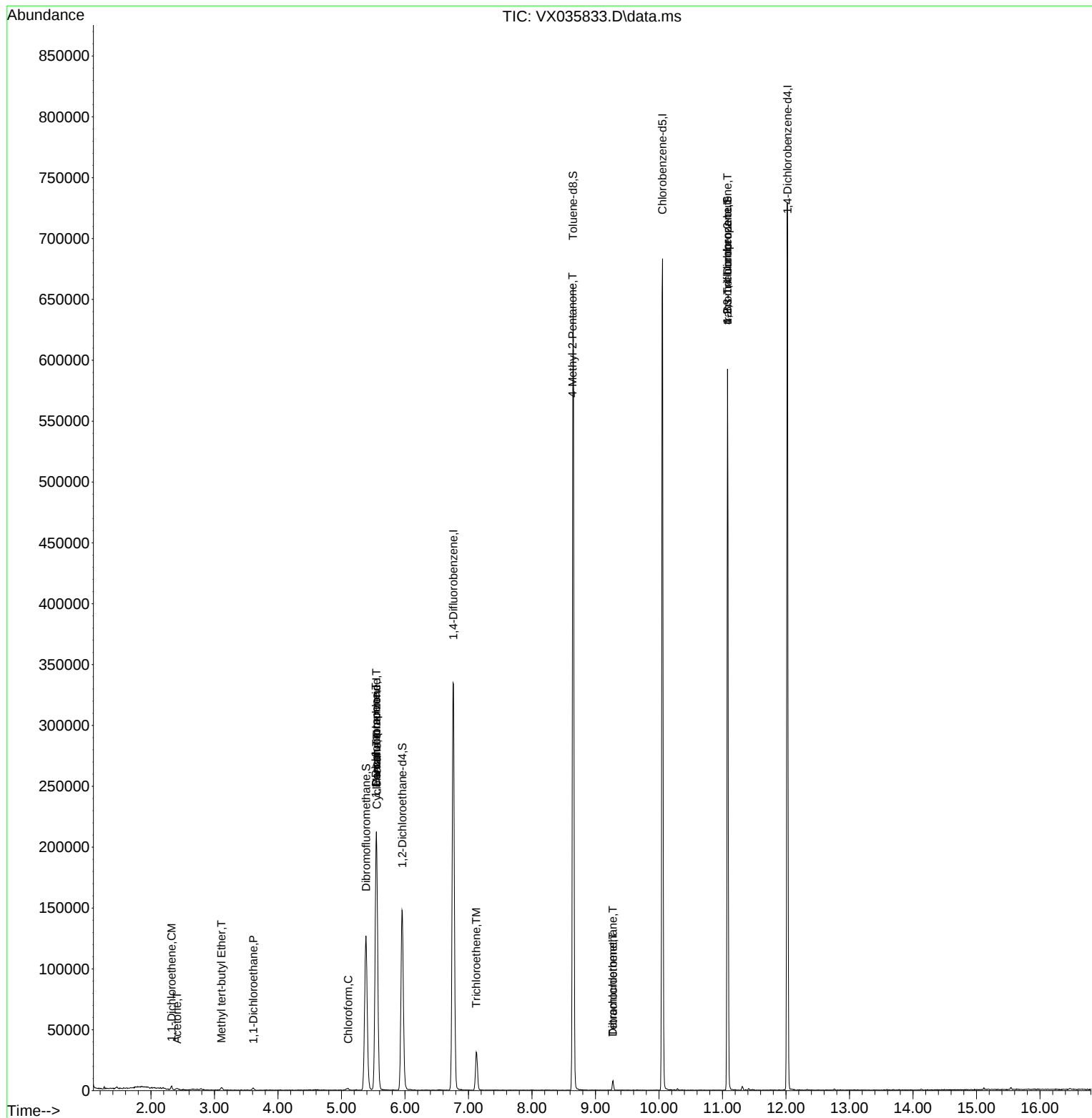
Internal Standards						
1) Pentafluorobenzene	5.550	168	194446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	340297	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	297733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141514	41.718	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	83.440%		
35) Dibromofluoromethane	5.385	113	109217	47.590	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.180%		
50) Toluene-d8	8.647	98	375986	44.348	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.700%#		
62) 4-Bromofluorobenzene	11.079	95	149516	43.799	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.600%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.325	96	732	0.338	ug/l	82
16) Acetone	2.410	43	1634	1.121	ug/l #	81
19) Methyl tert-butyl Ether	3.111	73	2231	0.259	ug/l	93
24) 1,1-Dichloroethane	3.611	63	2162	0.445	ug/l #	79
30) Chloroform	5.105	83	1590	0.319	ug/l #	76
31) Cyclohexane	5.556	56	4870	1.136	ug/l #	18
36) 1,1-Dichloropropene	5.544	75	16185	4.468	ug/l #	51
38) Carbon Tetrachloride	5.550	117	20637	6.014	ug/l #	17
44) Trichloroethene	7.123	130	12086	4.703	ug/l	99
51) 4-Methyl-2-Pentanone	8.641	43	1935	0.510	ug/l #	1
60) Dibromochloromethane	9.275	129	706	0.295	ug/l #	10
64) Tetrachloroethene	9.275	164	792	0.395	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	79961	22.972	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	79961	74.035	ug/l #	8

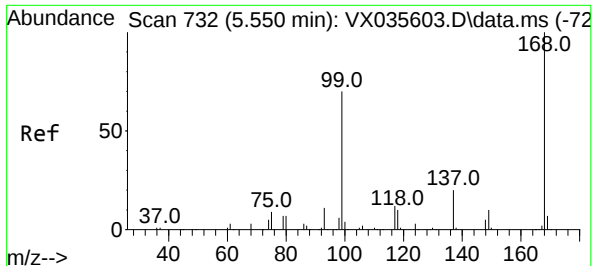
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Time: May 25 05:31:03 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

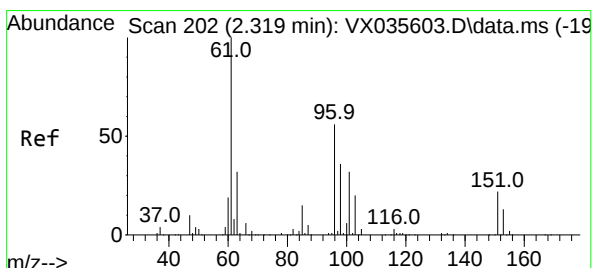
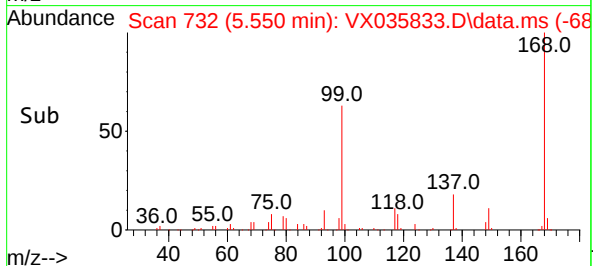
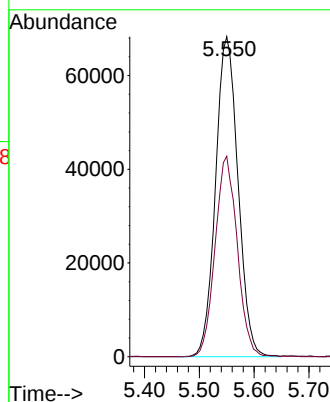
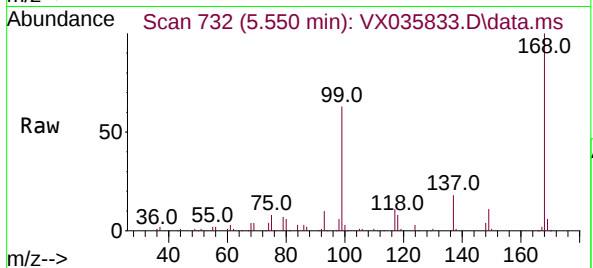




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

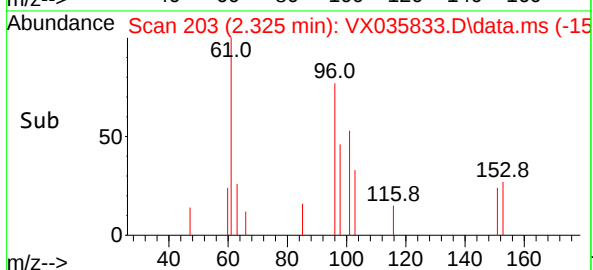
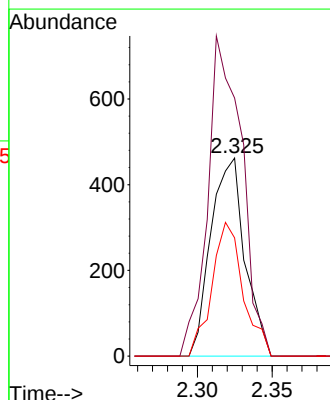
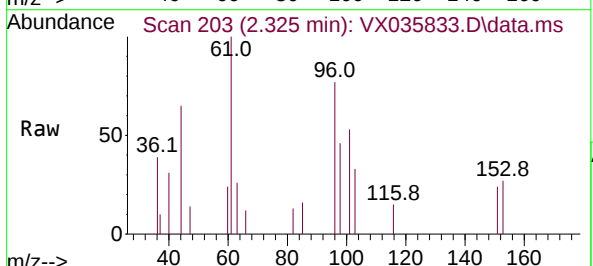
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20230522

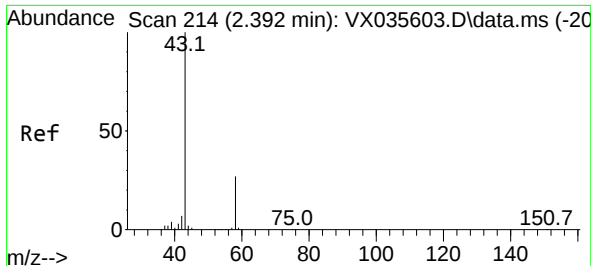
Tgt Ion:168 Resp: 194446
Ion Ratio Lower Upper
168 100
99 62.7 45.7 68.5



#12
1,1-Dichloroethene
Concen: 0.338 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

Tgt Ion: 96 Resp: 732
Ion Ratio Lower Upper
96 100
61 130.3 128.8 193.2
98 59.7 51.4 77.0





#16

Acetone

Concen: 1.121 ug/l

RT: 2.410 min Scan# 214

Delta R.T. 0.018 min

Lab File: VX035833.D

Acq: 24 May 2023 14:05

Instrument :

MSVOA_X

ClientSampleId :

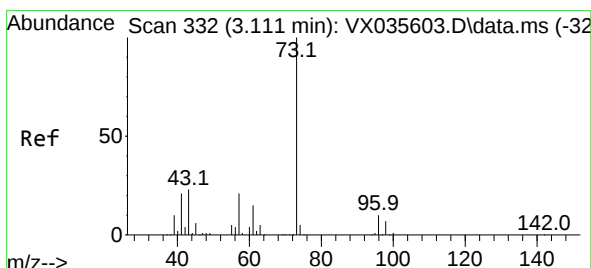
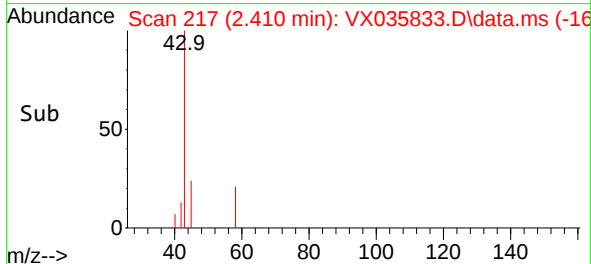
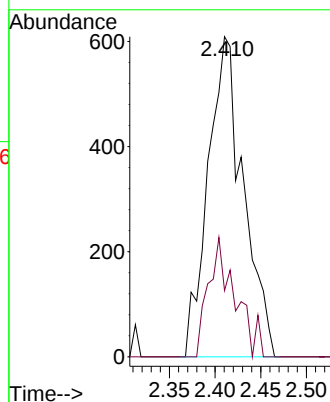
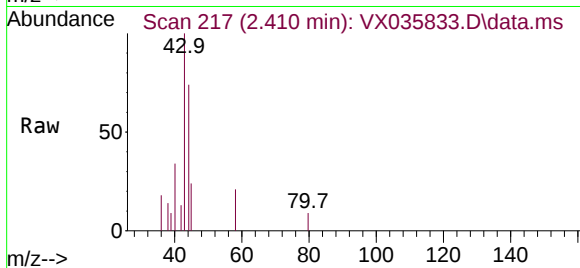
TT205S1-20230522

Tgt Ion: 43 Resp: 1634

Ion Ratio Lower Upper

43 100

58 20.7 24.7 37.1#



#19

Methyl tert-butyl Ether

Concen: 0.259 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX035833.D

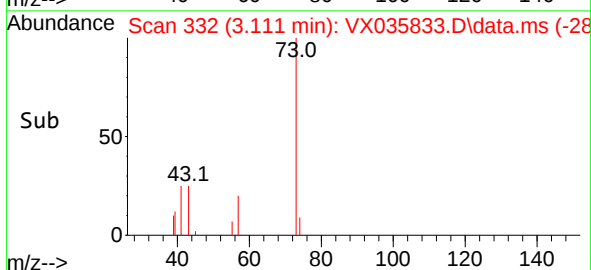
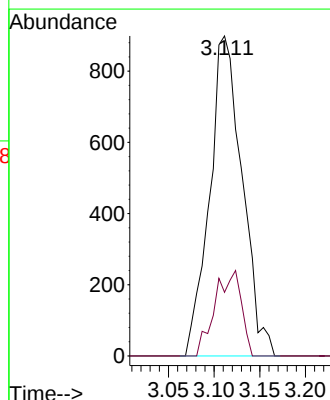
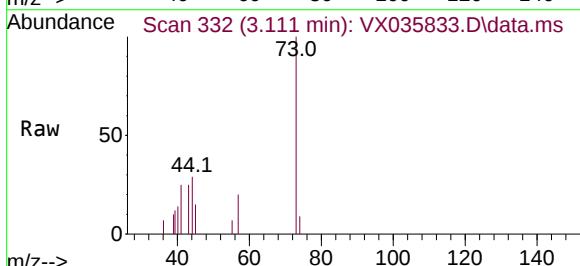
Acq: 24 May 2023 14:05

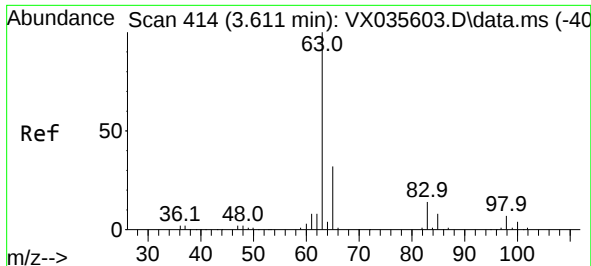
Tgt Ion: 73 Resp: 2231

Ion Ratio Lower Upper

73 100

57 19.9 18.5 27.7

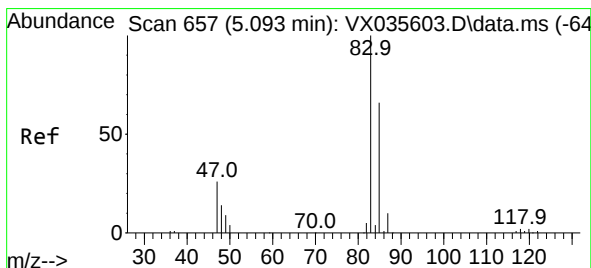
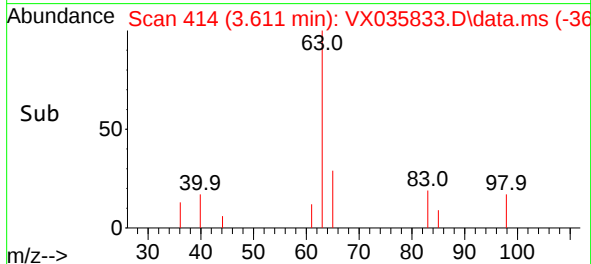
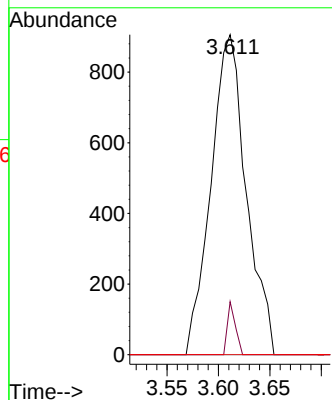
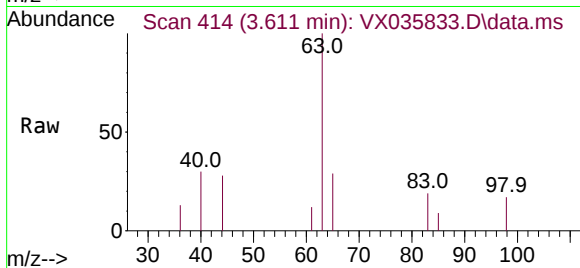




#24
1,1-Dichloroethane
Concen: 0.445 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

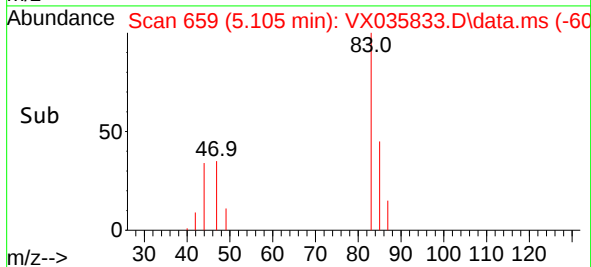
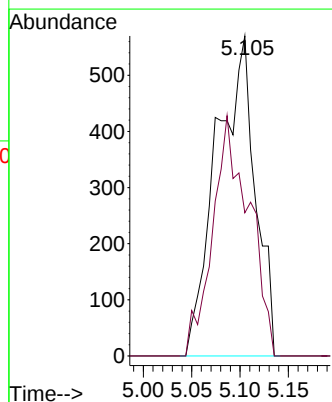
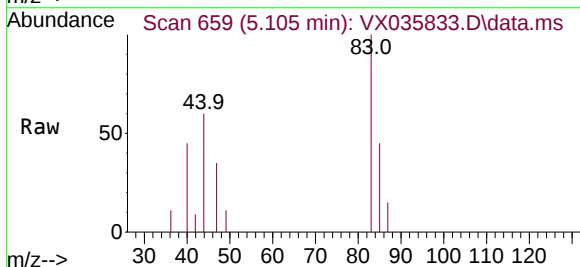
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20230522

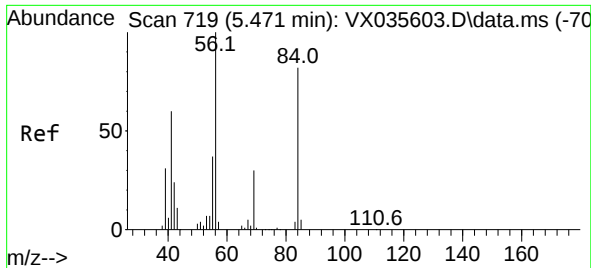
Tgt Ion: 63 Resp: 2162
Ion Ratio Lower Upper
63 100
98 16.6 3.8 11.2#
100 0.0 2.4 7.1#



#30
Chloroform
Concen: 0.319 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

Tgt Ion: 83 Resp: 1590
Ion Ratio Lower Upper
83 100
85 44.7 50.6 76.0#

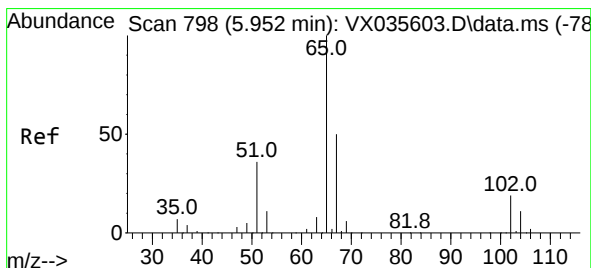
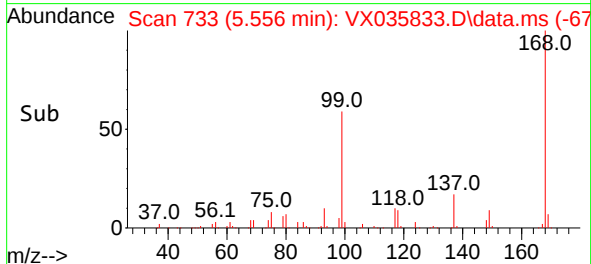
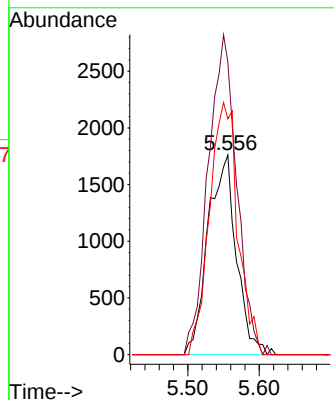
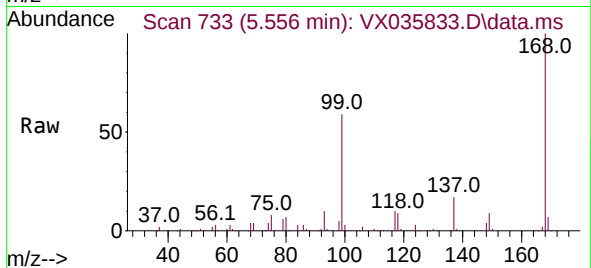




#31
Cyclohexane
Concen: 1.136 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

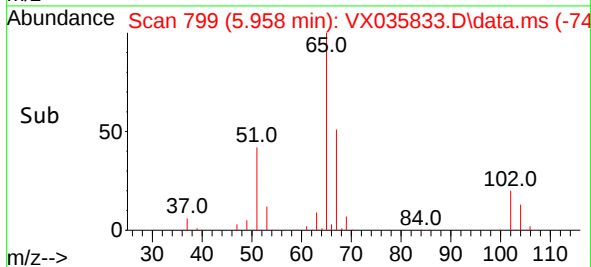
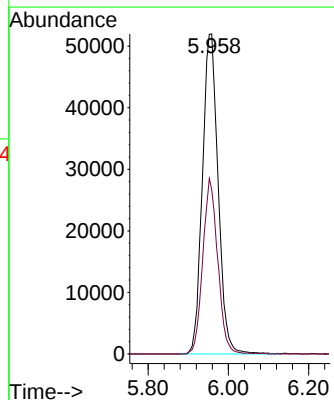
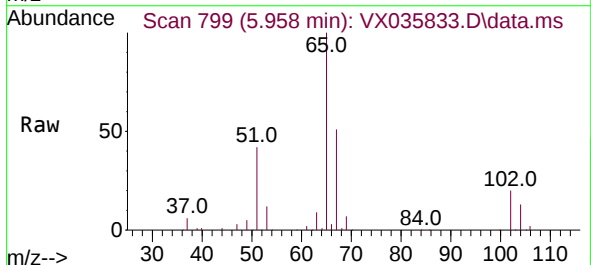
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20230522

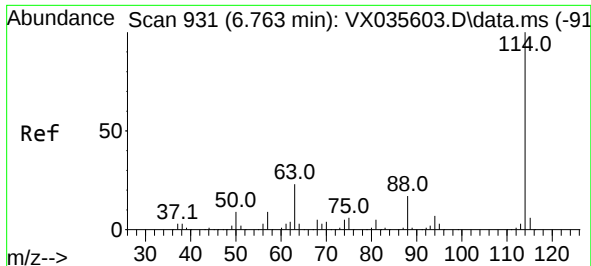
Tgt Ion: 56 Resp: 4870
Ion Ratio Lower Upper
56 100
69 146.3 23.7 35.5#
84 118.2 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 41.718 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

Tgt Ion: 65 Resp: 141514
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

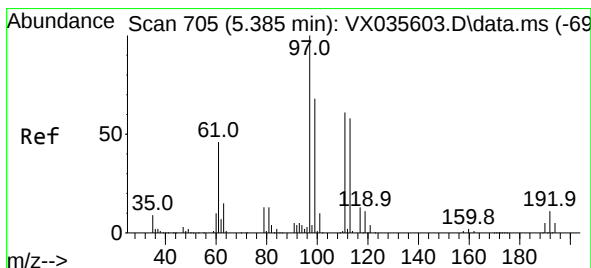
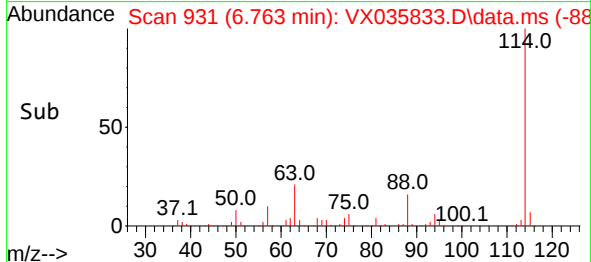
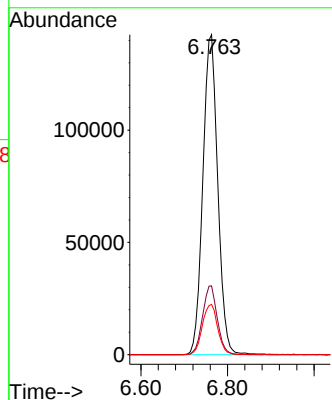
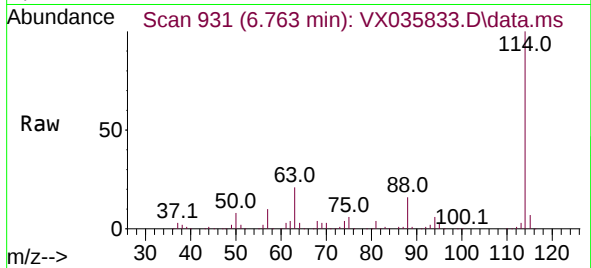




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

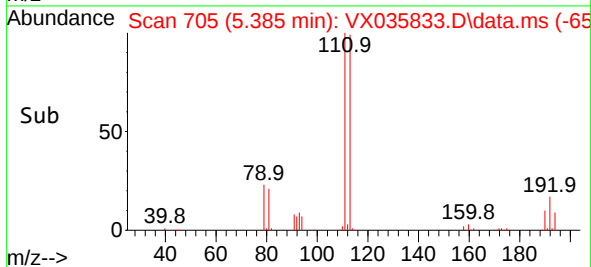
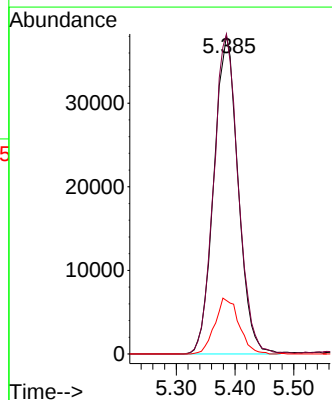
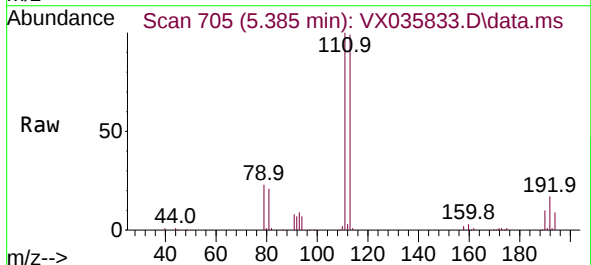
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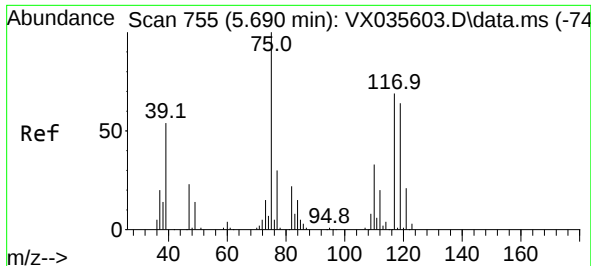
Tgt Ion:114 Resp: 340297
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.2
88 15.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.590 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

Tgt Ion:113 Resp: 109217
Ion Ratio Lower Upper
113 100
111 101.8 83.7 125.5
192 17.4 15.4 23.2

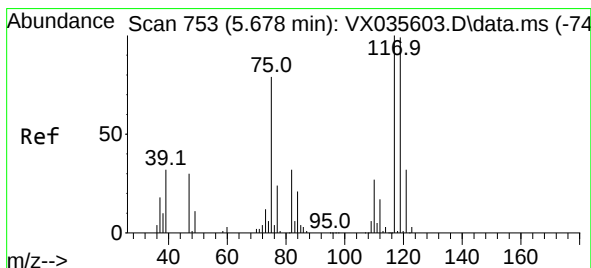
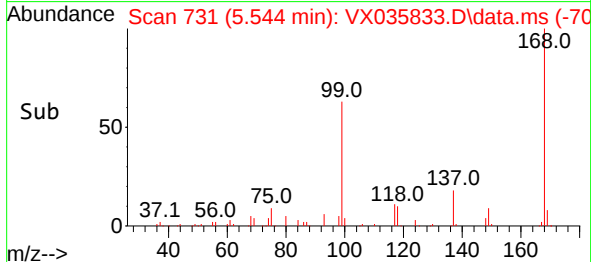
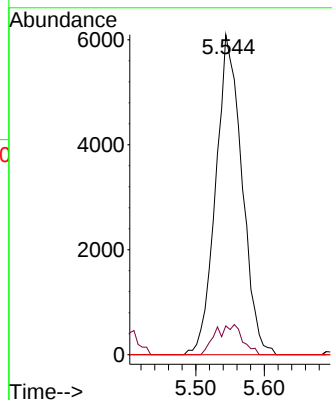
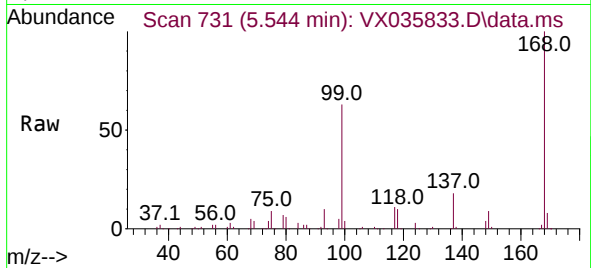




#36
1,1-Dichloropropene
Concen: 4.468 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

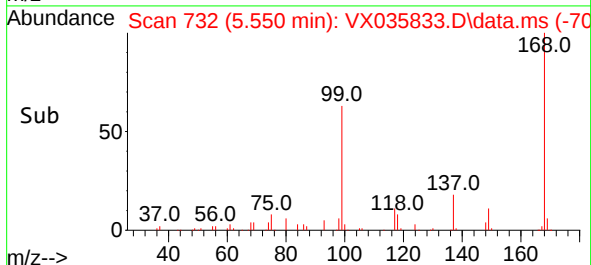
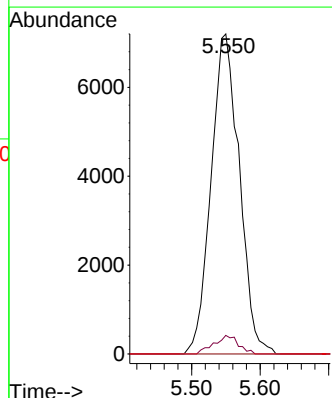
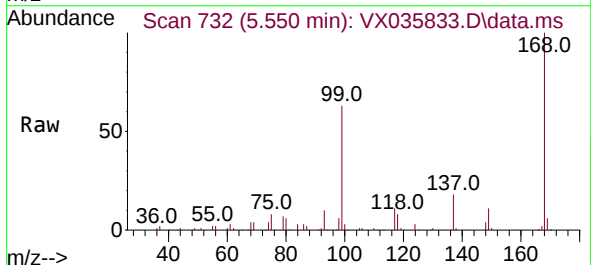
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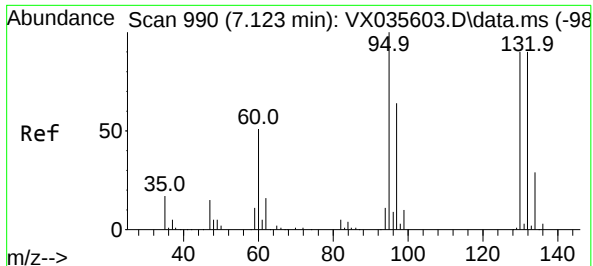
Tgt Ion: 75 Resp: 16185
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.014 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

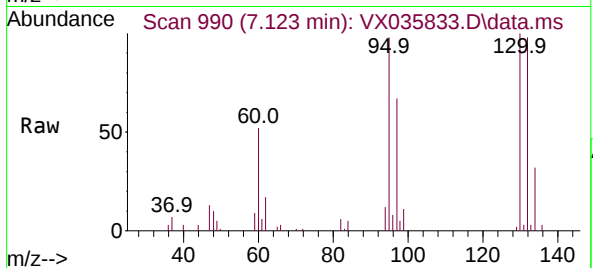
Tgt Ion: 117 Resp: 20637
Ion Ratio Lower Upper
117 100
119 5.8 76.6 114.8#
121 0.0 23.8 35.6#



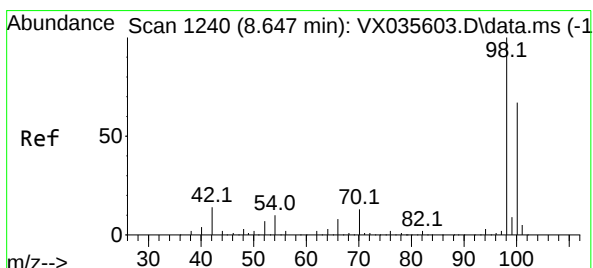
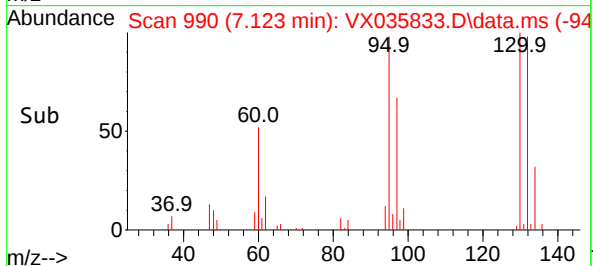
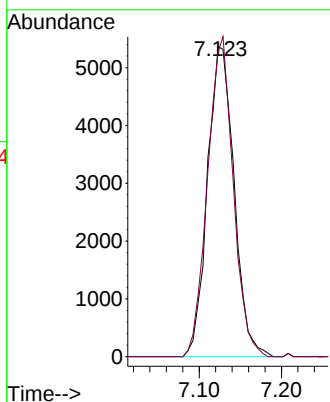


#44
Trichloroethene
Concen: 4.703 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20230522

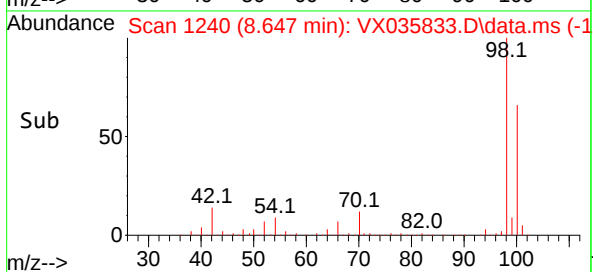
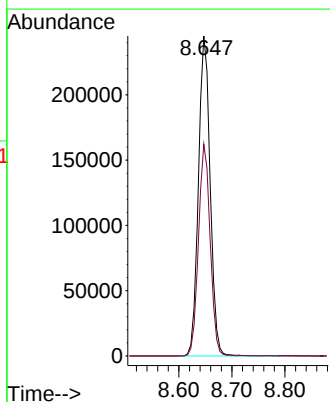
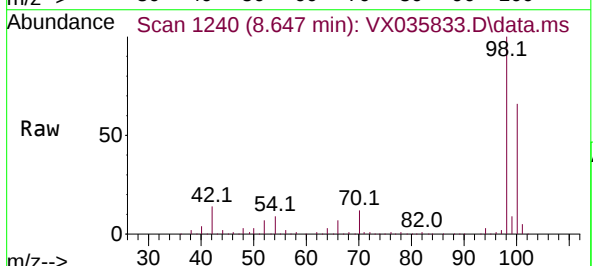


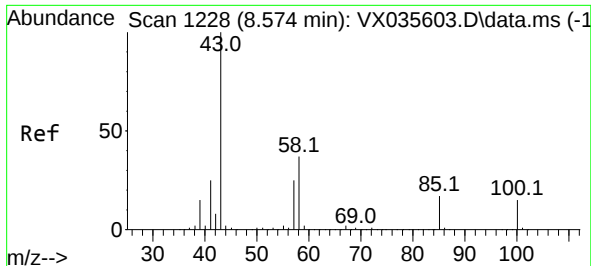
Tgt Ion:130 Resp: 12086
Ion Ratio Lower Upper
130 100
95 98.0 0.0 198.4



#50
Toluene-d8
Concen: 44.348 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

Tgt Ion: 98 Resp: 375986
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

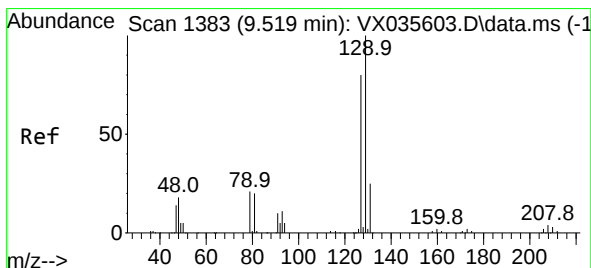
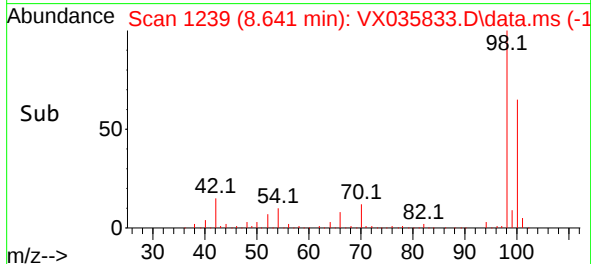
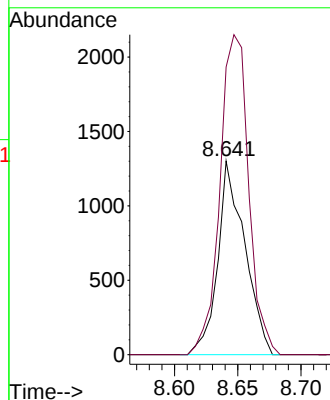
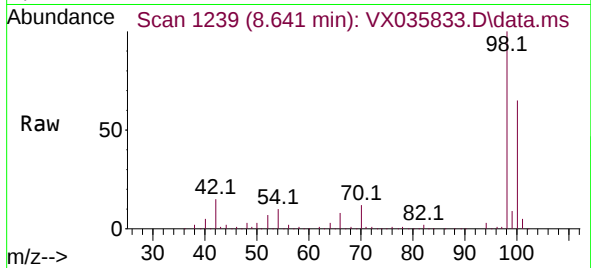




#51
4-Methyl-2-Pentanone
Concen: 0.510 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

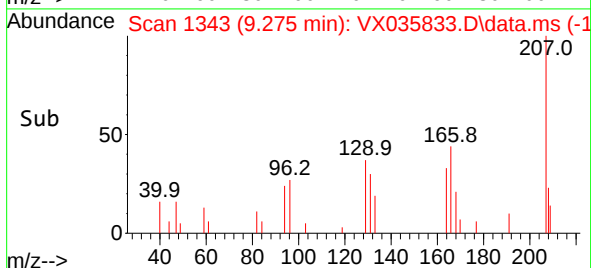
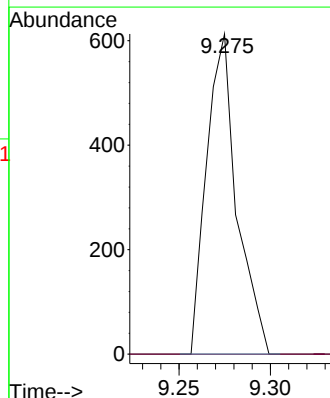
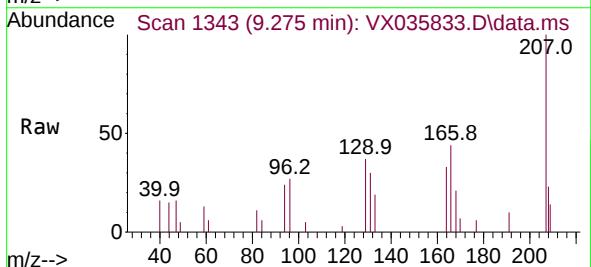
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20230522

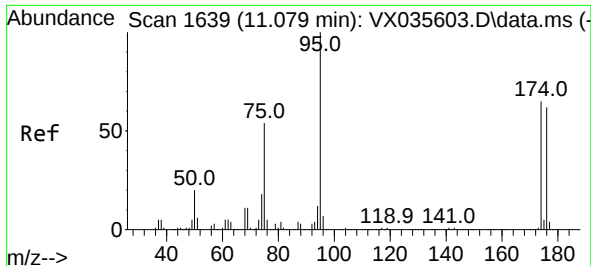
Tgt Ion: 43 Resp: 1935
Ion Ratio Lower Upper
43 100
58 175.9 30.6 46.0#



#60
Dibromochloromethane
Concen: 0.295 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

Tgt Ion: 129 Resp: 706
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

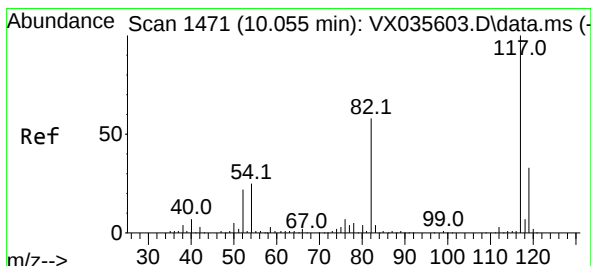
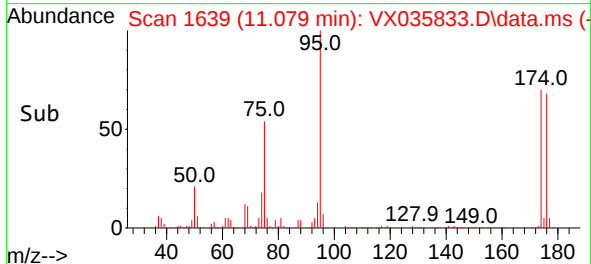
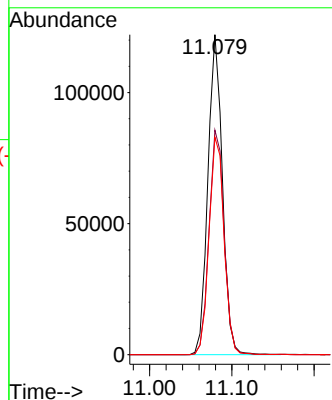
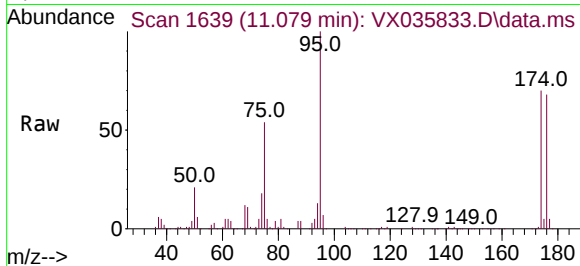




#62
4-Bromofluorobenzene
Concen: 43.799 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

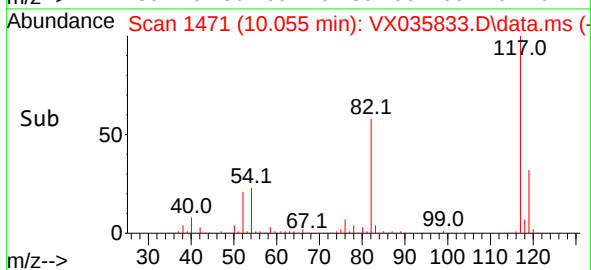
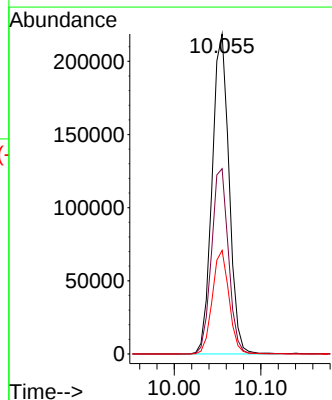
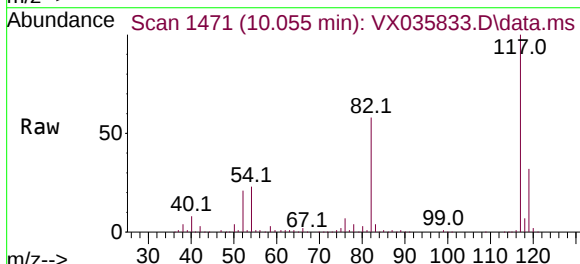
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20230522

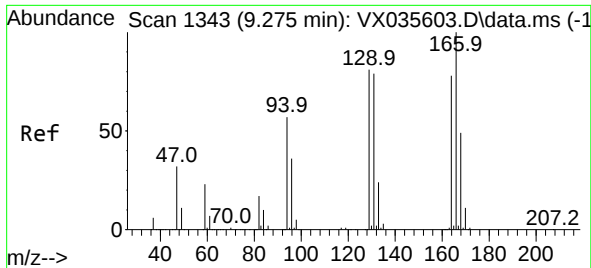
Tgt Ion: 95 Resp: 149516
Ion Ratio Lower Upper
95 100
174 72.7 0.0 147.4
176 70.4 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

Tgt Ion: 117 Resp: 297733
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 32.4 26.0 39.0



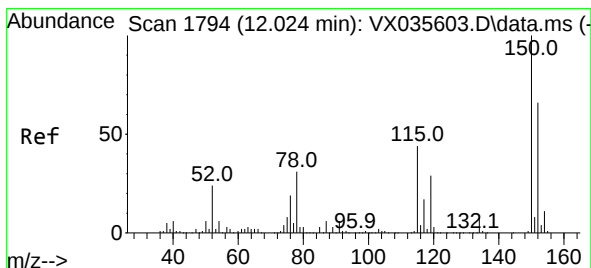
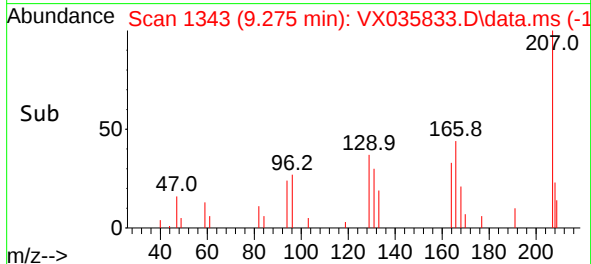
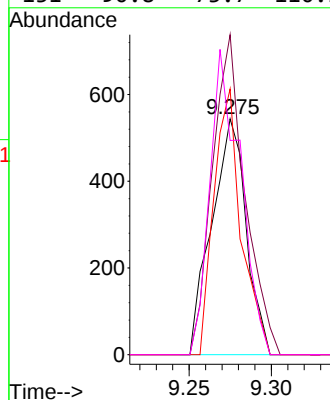
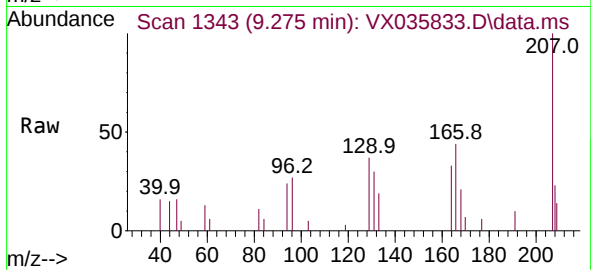


#64
Tetrachloroethene
Concen: 0.395 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20230522

Tgt Ion:164 Resp: 792

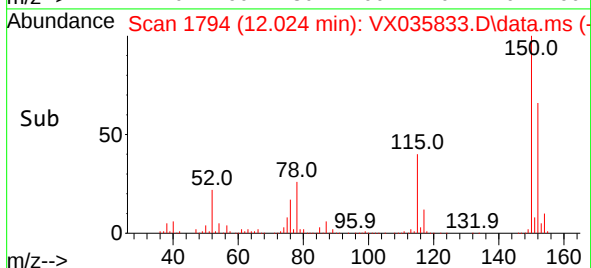
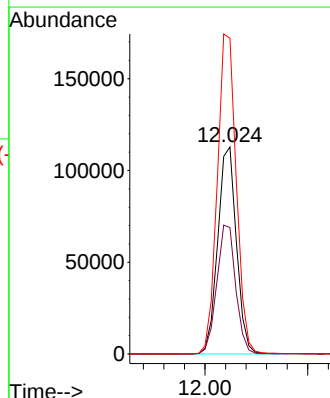
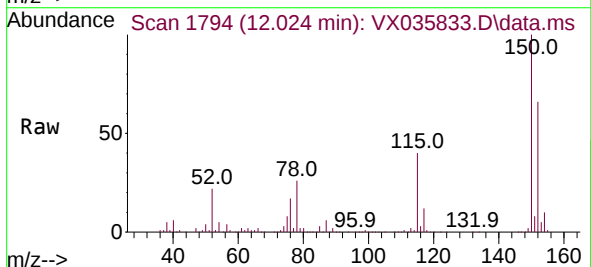
Ion	Ratio	Lower	Upper
164	100		
166	135.7	102.7	154.1
129	112.7	75.6	113.4
131	90.8	73.7	110.5

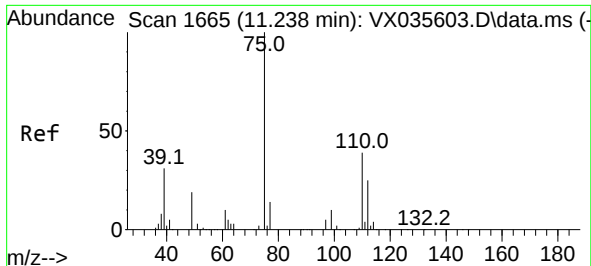


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

Tgt Ion:152 Resp: 142305

Ion	Ratio	Lower	Upper
152	100		
115	63.0	45.0	135.0
150	157.0	0.0	352.4

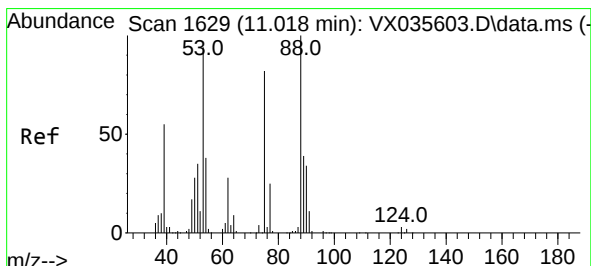
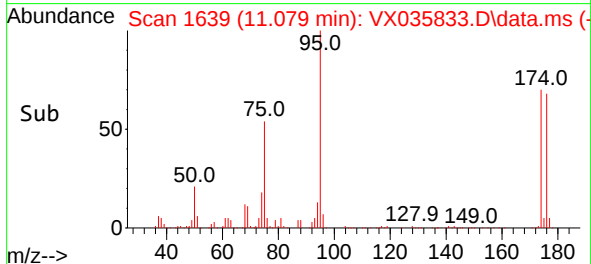
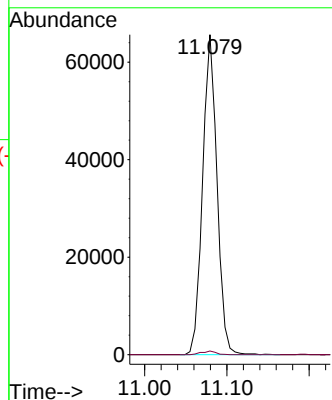
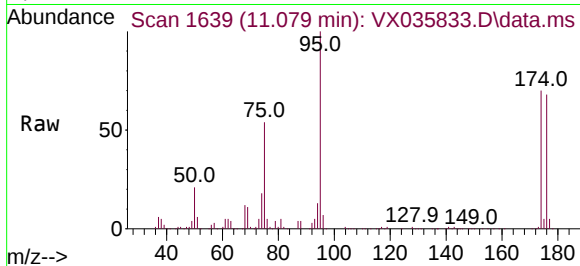




#76
1,2,3-Trichloropropane
Concen: 22.972 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20230522

Tgt Ion: 75 Resp: 79961
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.035 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

Tgt Ion: 75 Resp: 79961
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

