

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035836.D
 Acq On : 24 May 2023 15:15
 Operator : JC/MD
 Sample : 02911-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20230522

Quant Time: May 25 05:32:01 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)

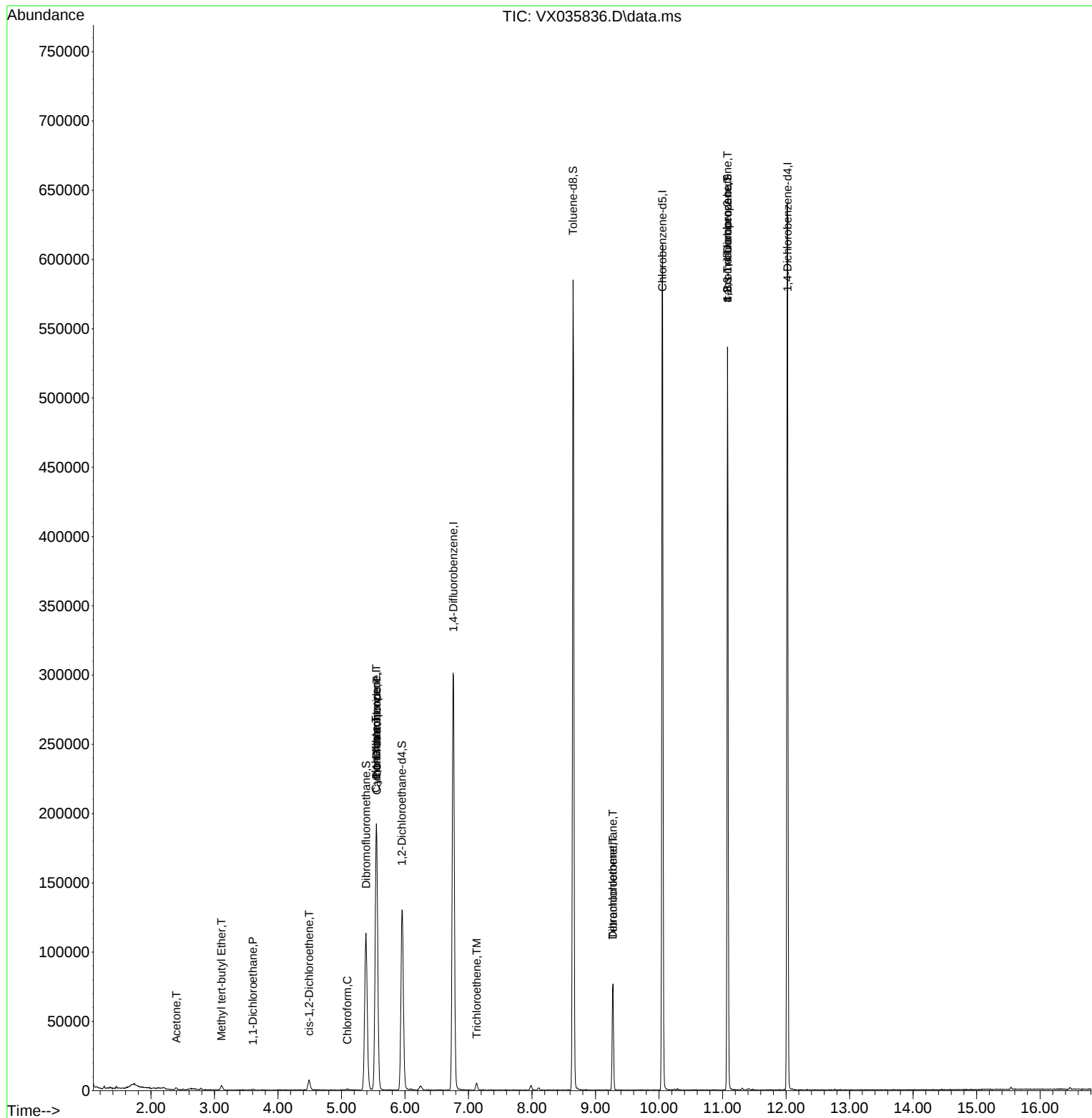
Internal Standards						
1) Pentafluorobenzene	5.550	168	174871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	302168	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	124434	40.789	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	81.580%	
35) Dibromofluoromethane	5.385	113	95958	47.089	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.180%	
50) Toluene-d8	8.647	98	338652	44.985	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	89.960%#	
62) 4-Bromofluorobenzene	11.079	95	134606	44.407	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	88.820%	
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	2099	1.601	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	3477	0.449	ug/l	98
24) 1,1-Dichloroethane	3.605	63	1080	0.247	ug/l #	81
27) cis-1,2-Dichloroethene	4.489	96	4261	1.661	ug/l	84
30) Chloroform	5.093	83	909	0.203	ug/l	90
31) Cyclohexane	5.544	56	4298	1.115	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	15323	4.764	ug/l #	50
38) Carbon Tetrachloride	5.556	117	19007	6.238	ug/l #	16
44) Trichloroethene	7.129	130	1853	0.812	ug/l	83
60) Dibromochloromethane	9.275	129	13253	6.232	ug/l #	10
64) Tetrachloroethene	9.275	164	13422	7.395	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	72293	23.091	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	72293	74.418	ug/l #	8

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

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Quant Time: May 25 05:32:01 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

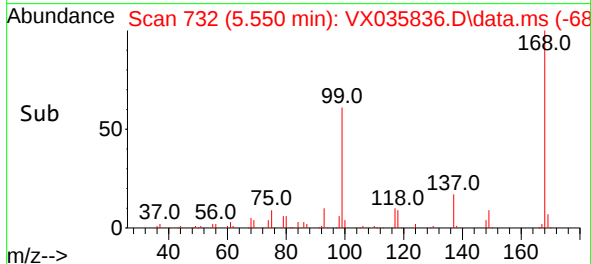
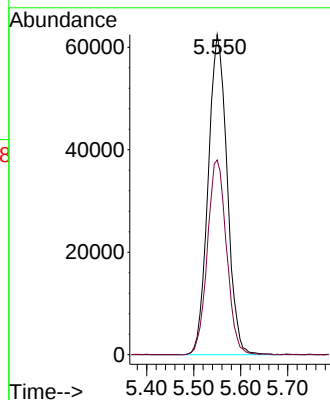
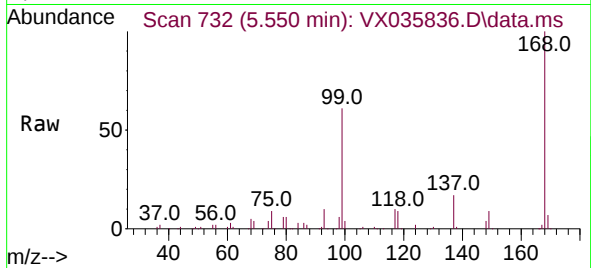




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

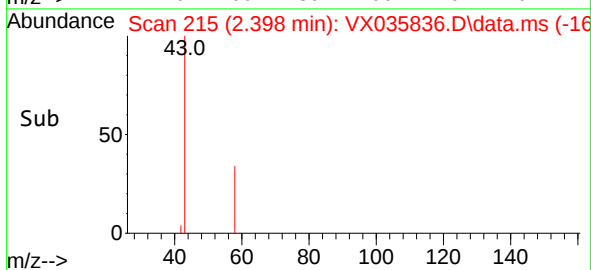
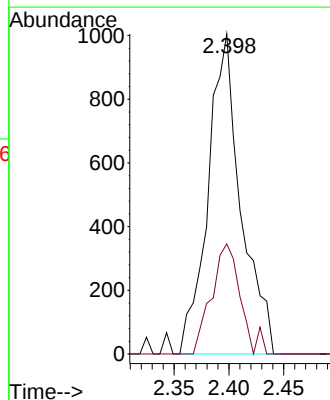
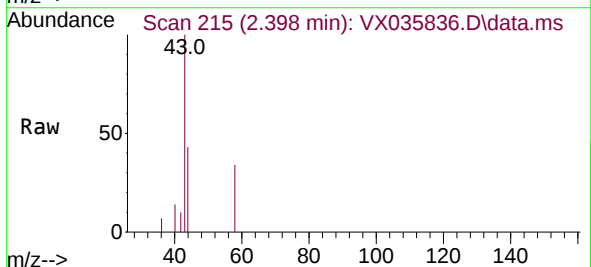
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230522

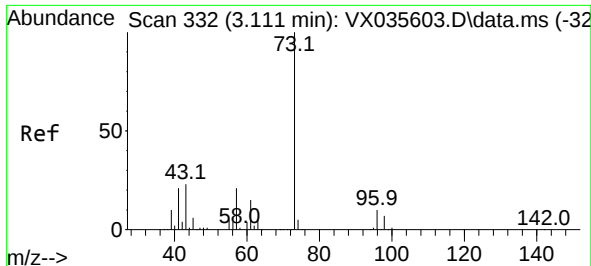
Tgt Ion:168 Resp: 174871
Ion Ratio Lower Upper
168 100
99 60.9 45.7 68.5



#16
Acetone
Concen: 1.601 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

Tgt Ion: 43 Resp: 2099
Ion Ratio Lower Upper
43 100
58 34.4 24.7 37.1

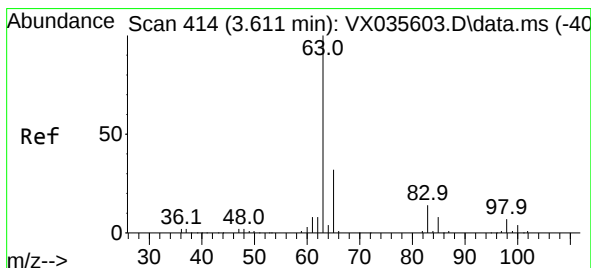
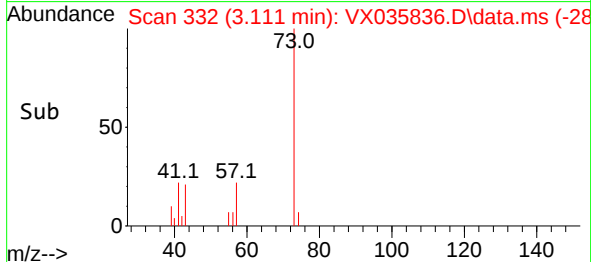
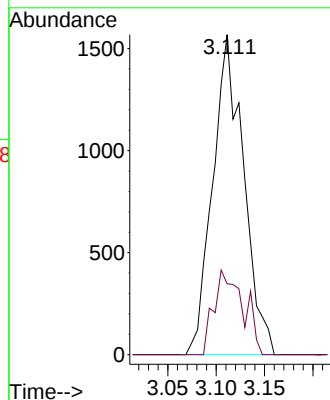
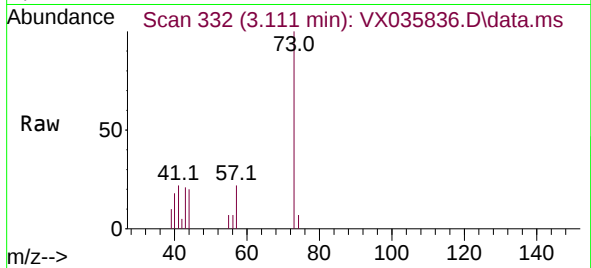




#19
Methyl tert-butyl Ether
Concen: 0.449 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

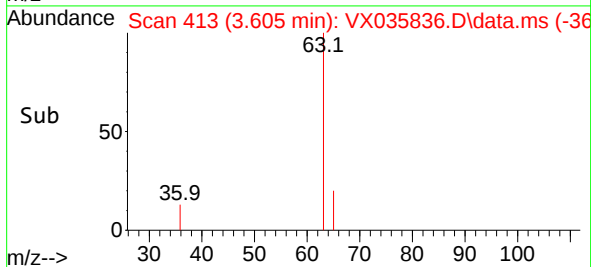
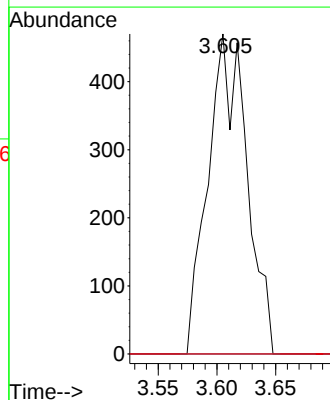
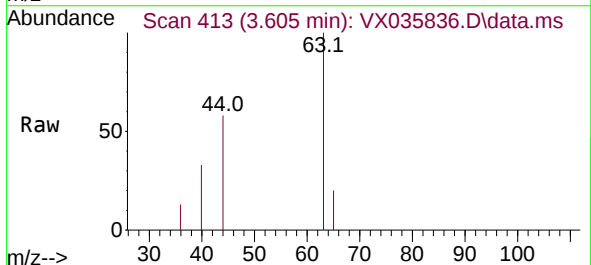
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230522

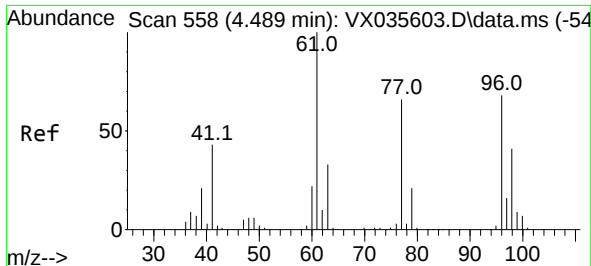
Tgt Ion: 73 Resp: 3477
Ion Ratio Lower Upper
73 100
57 22.1 18.5 27.7



#24
1,1-Dichloroethane
Concen: 0.247 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

Tgt Ion: 63 Resp: 1080
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.4 7.1#

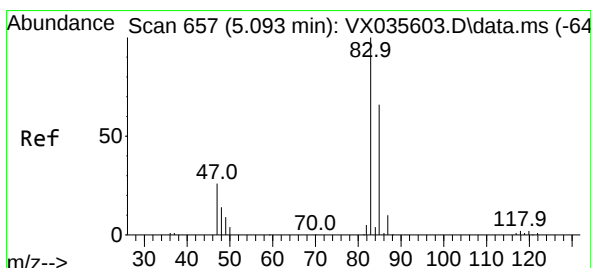
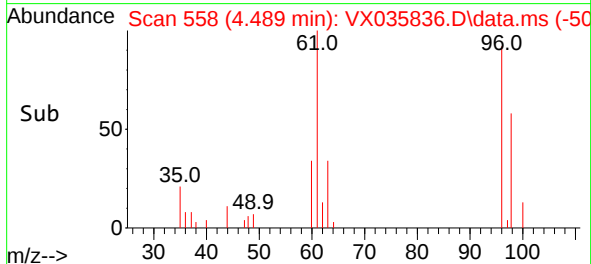
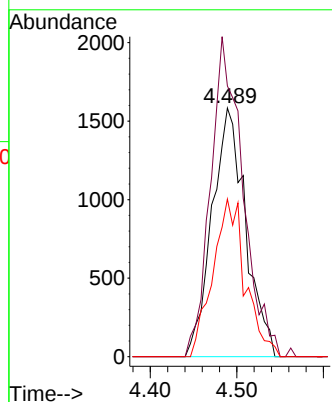
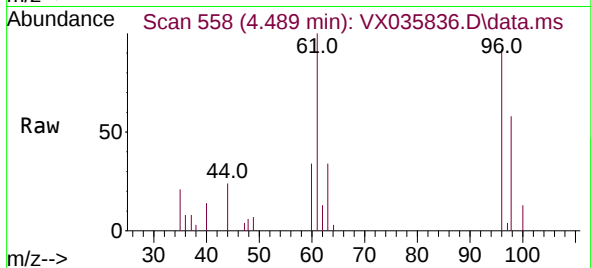




#27
 cis-1,2-Dichloroethene
 Concen: 1.661 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX035836.D
 Acq: 24 May 2023 15:15

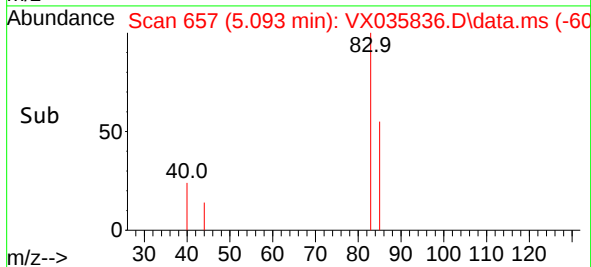
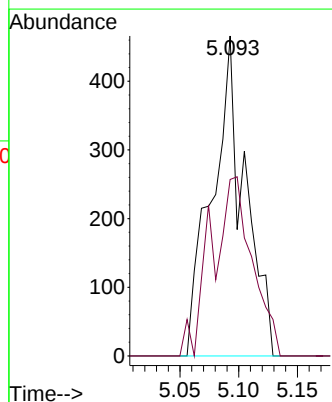
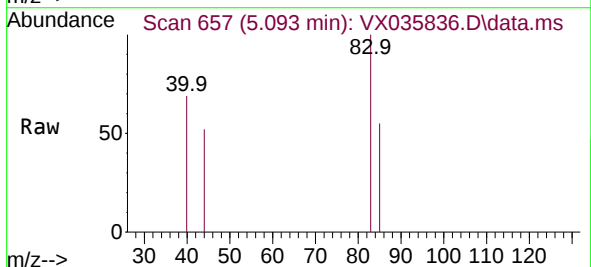
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20230522

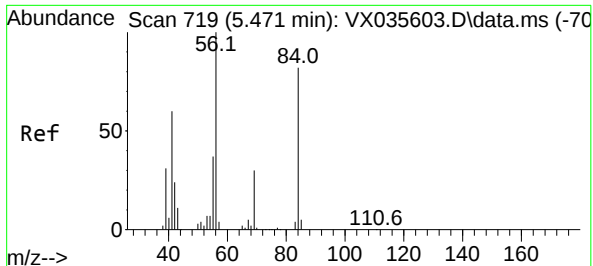
Tgt Ion: 96 Resp: 4261
 Ion Ratio Lower Upper
 96 100
 61 123.5 0.0 300.4
 98 61.3 0.0 129.0



#30
 Chloroform
 Concen: 0.203 ug/l
 RT: 5.093 min Scan# 657
 Delta R.T. -0.000 min
 Lab File: VX035836.D
 Acq: 24 May 2023 15:15

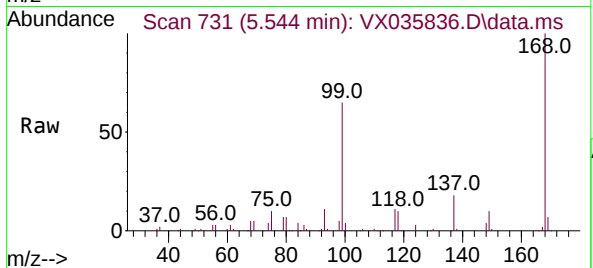
Tgt Ion: 83 Resp: 909
 Ion Ratio Lower Upper
 83 100
 85 55.2 50.6 76.0



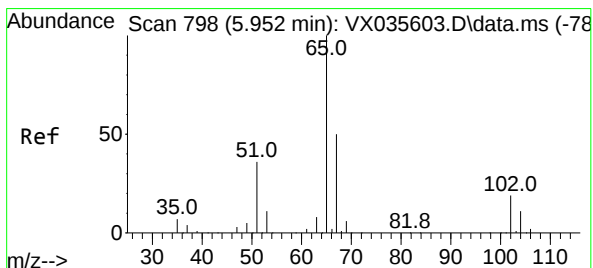
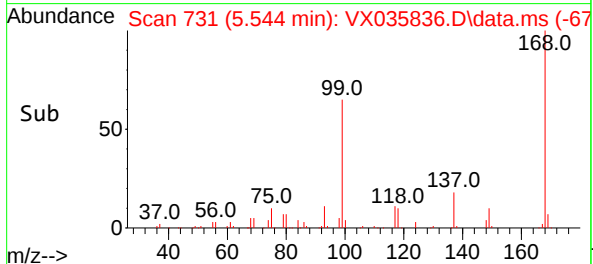
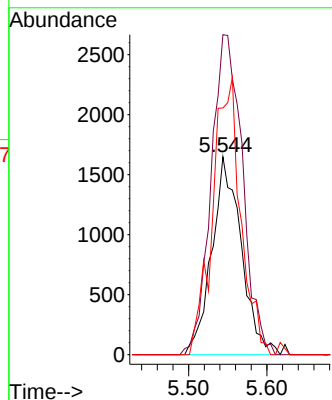


#31
Cyclohexane
Concen: 1.115 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230522

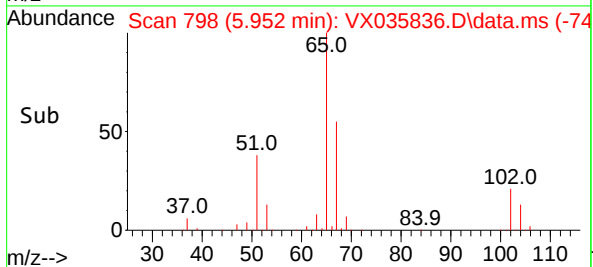
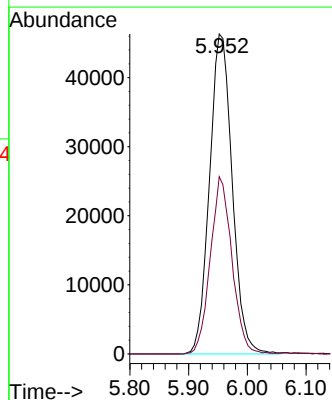
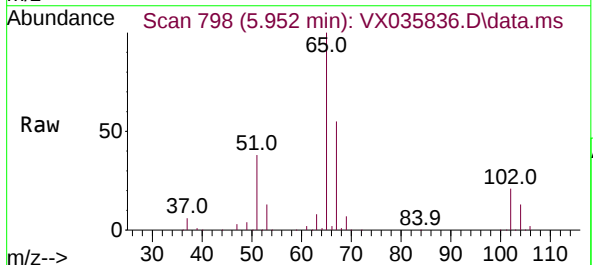


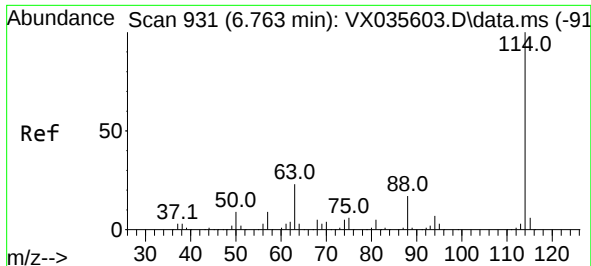
Tgt Ion: 56 Resp: 4298
Ion Ratio Lower Upper
56 100
69 161.7 23.7 35.5#
84 128.1 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 40.789 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

Tgt Ion: 65 Resp: 124434
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.0

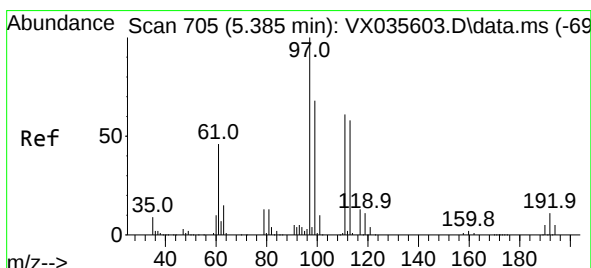
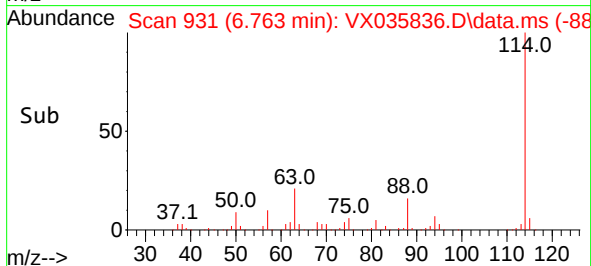
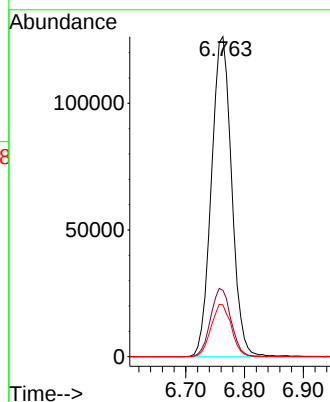
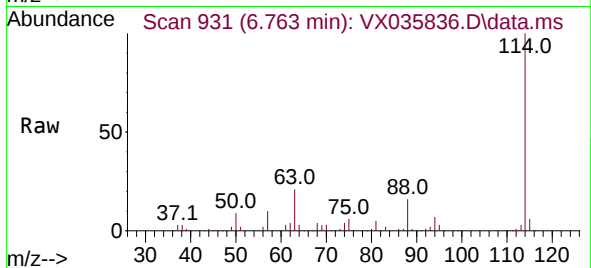




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

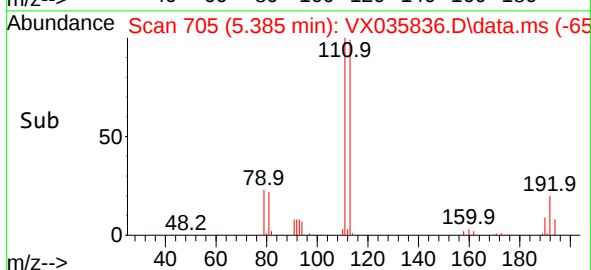
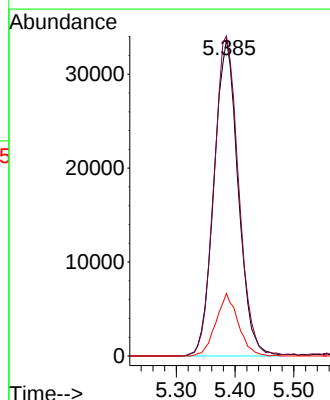
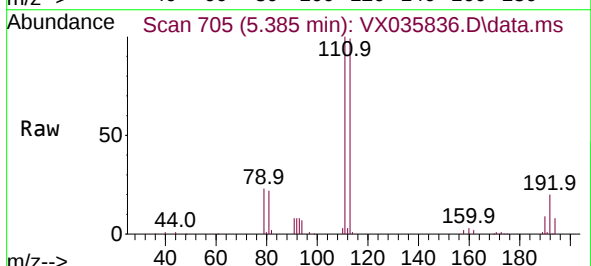
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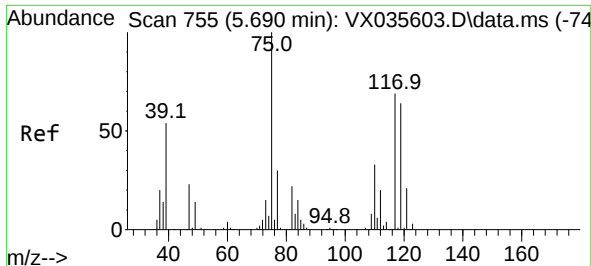
Tgt Ion:114 Resp: 302168
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.2
88 16.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.089 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

Tgt Ion:113 Resp: 95958
Ion Ratio Lower Upper
113 100
111 103.3 83.7 125.5
192 18.3 15.4 23.2

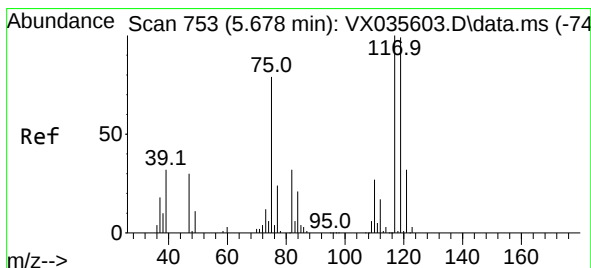
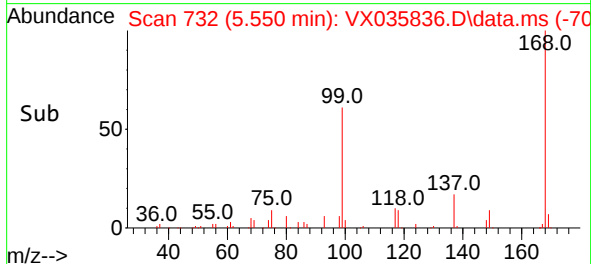
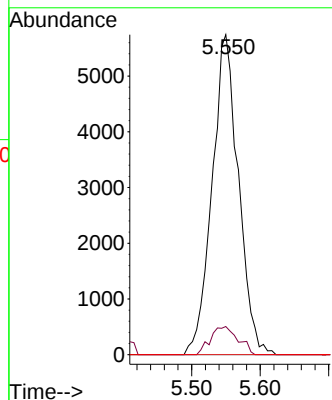
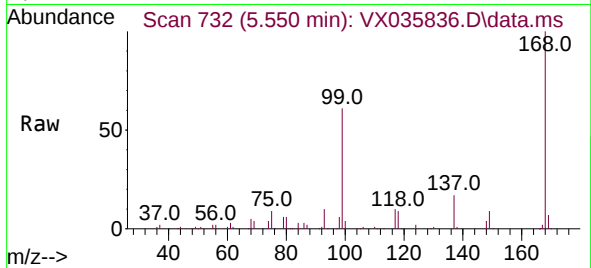




#36
1,1-Dichloropropene
Concen: 4.764 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

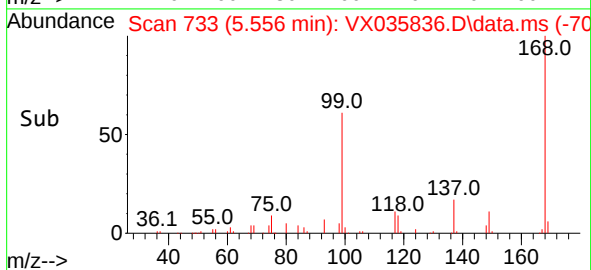
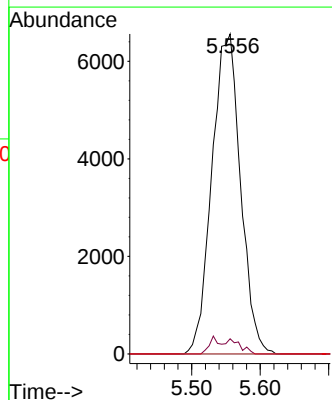
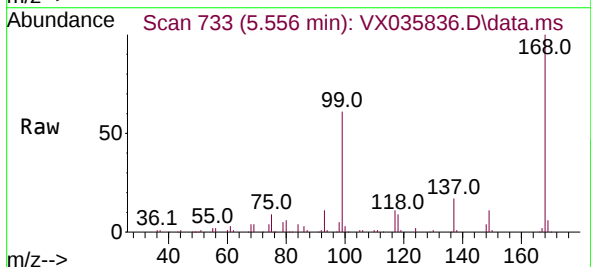
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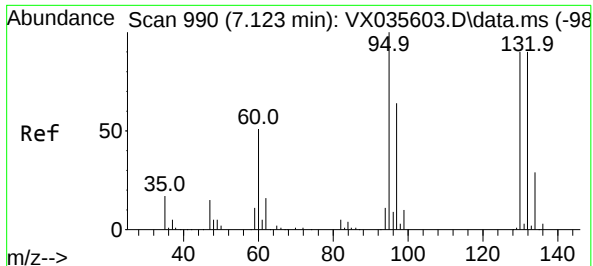
Tgt Ion: 75 Resp: 15323
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.238 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

Tgt Ion: 117 Resp: 19007
Ion Ratio Lower Upper
117 100
119 4.8 76.6 114.8#
121 0.0 23.8 35.6#

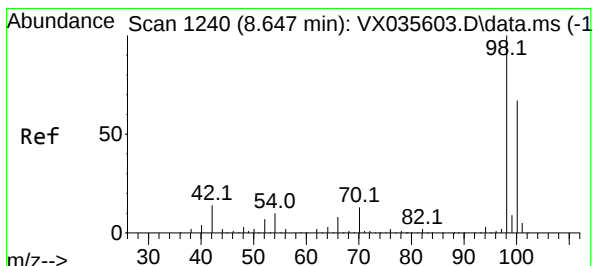
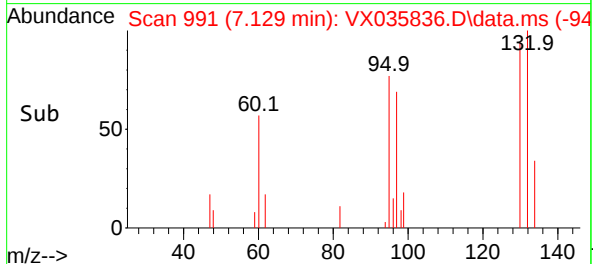
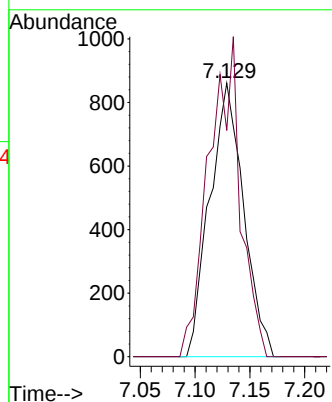
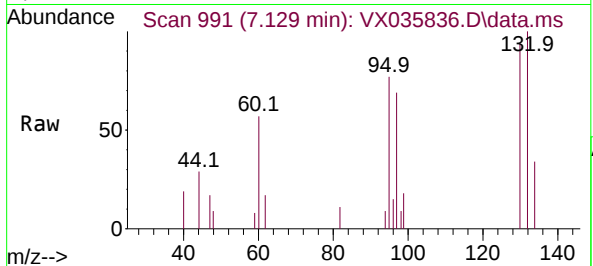




#44
Trichloroethene
Concen: 0.812 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

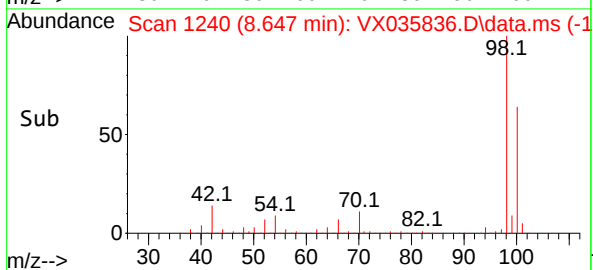
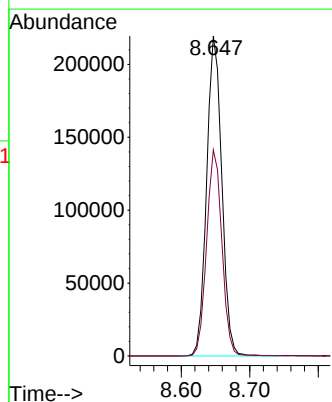
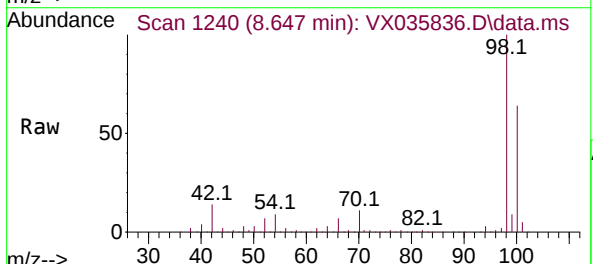
Instrument :
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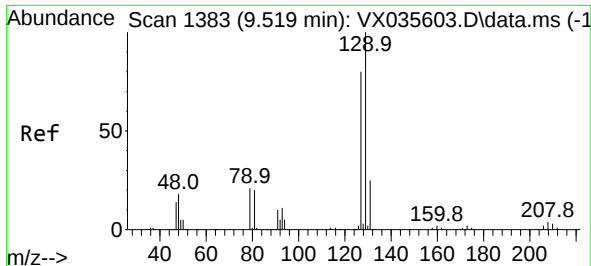
Tgt Ion:130 Resp: 1853
Ion Ratio Lower Upper
130 100
95 82.7 0.0 198.4



#50
Toluene-d8
Concen: 44.985 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

Tgt Ion: 98 Resp: 338652
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7

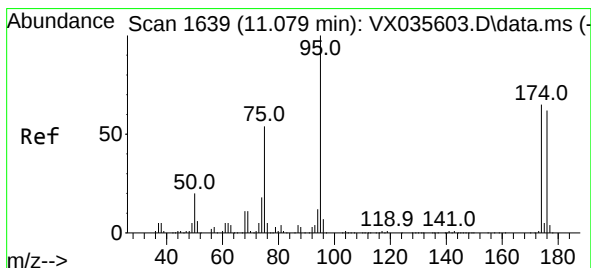
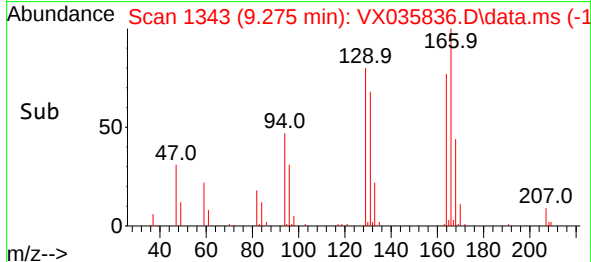
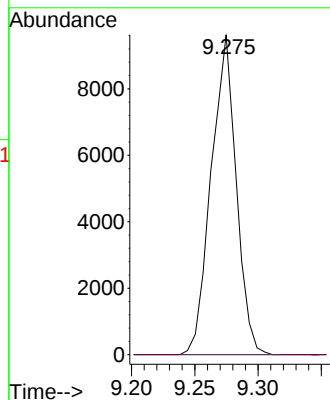
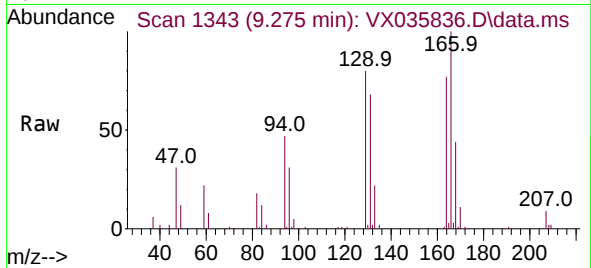




#60
Dibromochloromethane
Concen: 6.232 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

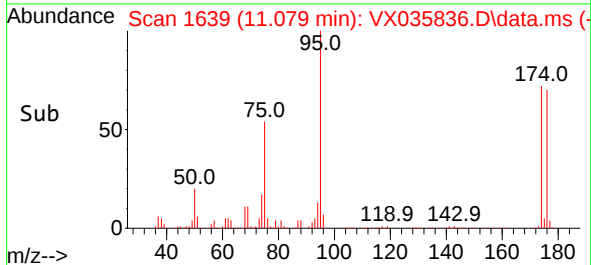
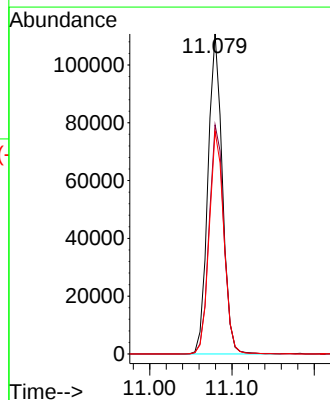
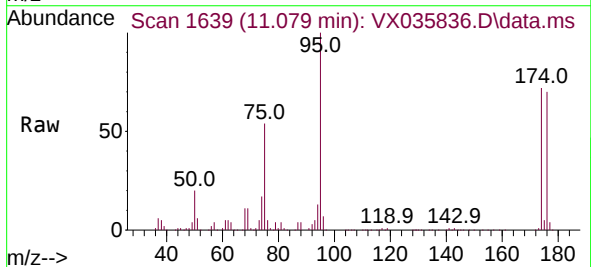
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230522

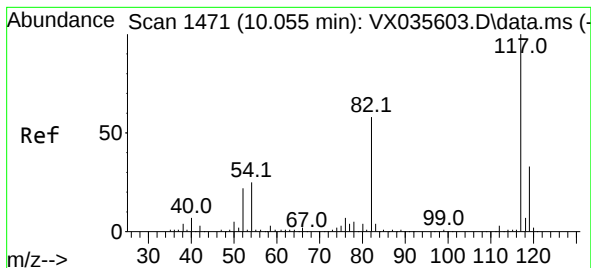
Tgt Ion:129 Resp: 13253
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 44.407 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

Tgt Ion: 95 Resp: 134606
Ion Ratio Lower Upper
95 100
174 73.4 0.0 147.4
176 70.9 0.0 140.6

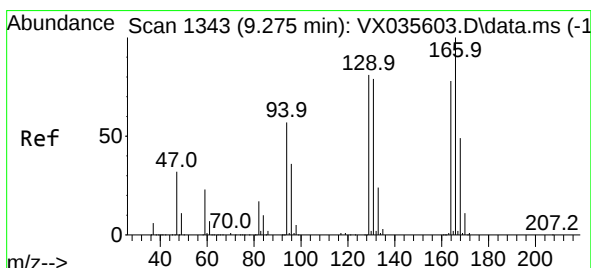
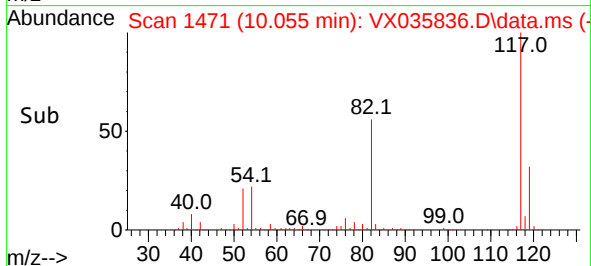
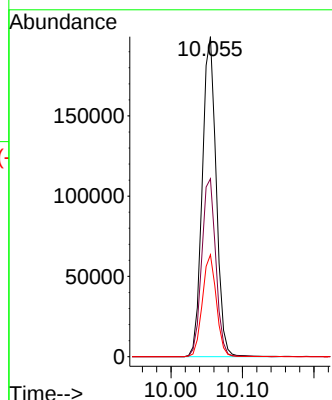
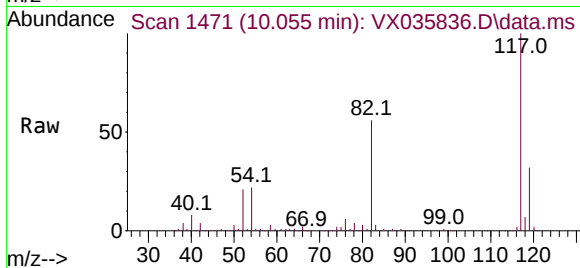




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

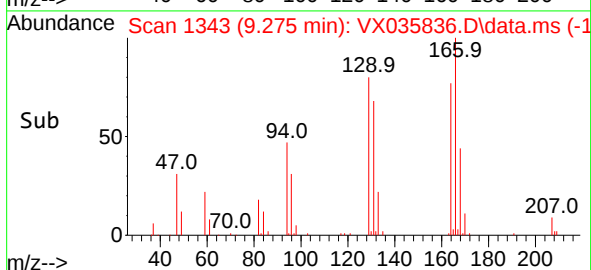
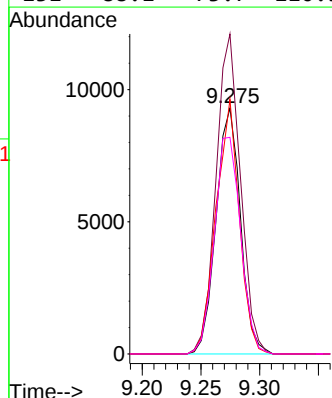
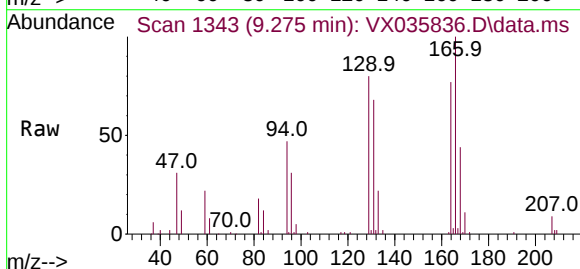
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230522

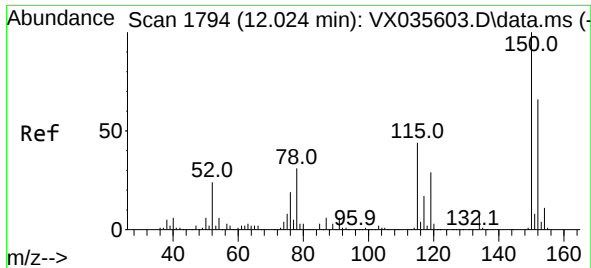
Tgt Ion:117 Resp: 269610
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.4
119 31.8 26.0 39.0



#64
Tetrachloroethene
Concen: 7.395 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035836.D
Acq: 24 May 2023 15:15

Tgt Ion:164 Resp: 13422
Ion Ratio Lower Upper
164 100
166 130.2 102.7 154.1
129 103.6 75.6 113.4
131 88.1 73.7 110.5

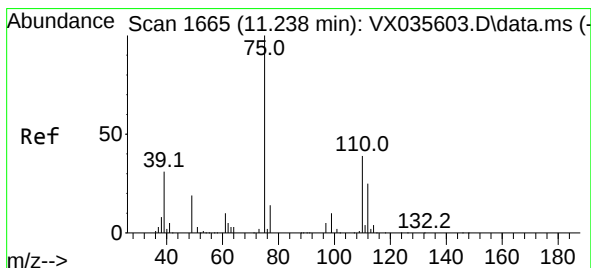
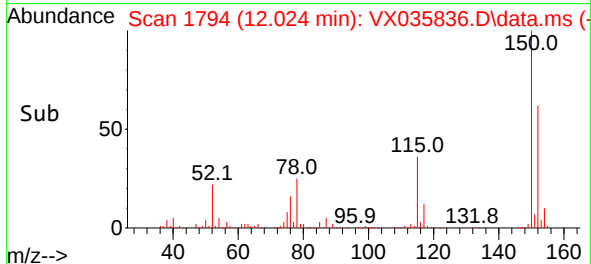
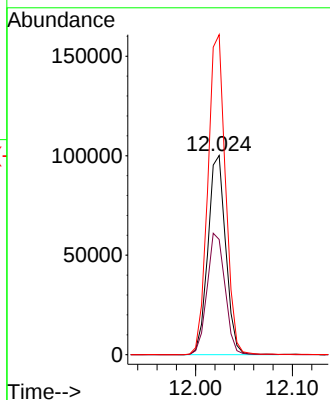
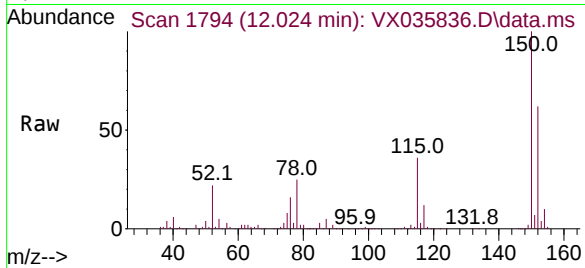




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035836.D
 Acq: 24 May 2023 15:15

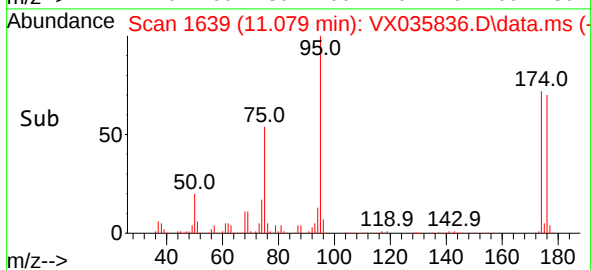
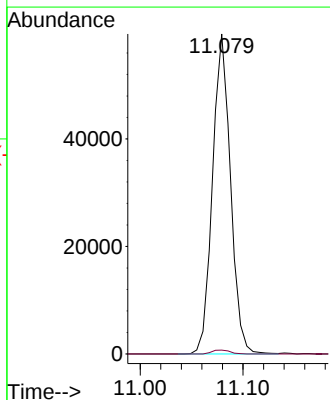
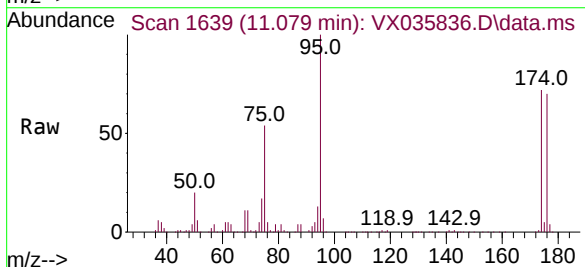
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20230522

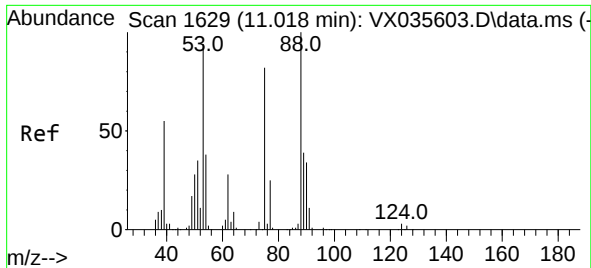
Tgt Ion:152 Resp: 127996
 Ion Ratio Lower Upper
 152 100
 115 61.6 45.0 135.0
 150 160.2 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 23.091 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX035836.D
 Acq: 24 May 2023 15:15

Tgt Ion: 75 Resp: 72293
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.418 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035836.D
 Acq: 24 May 2023 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20230522

Tgt Ion: 75 Resp: 72293
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

