

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032896.D
 Acq On : 17 Nov 2022 13:44
 Operator : JC/MD
 Sample : N5671-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D1-20221115

Quant Time: Nov 18 01:40:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

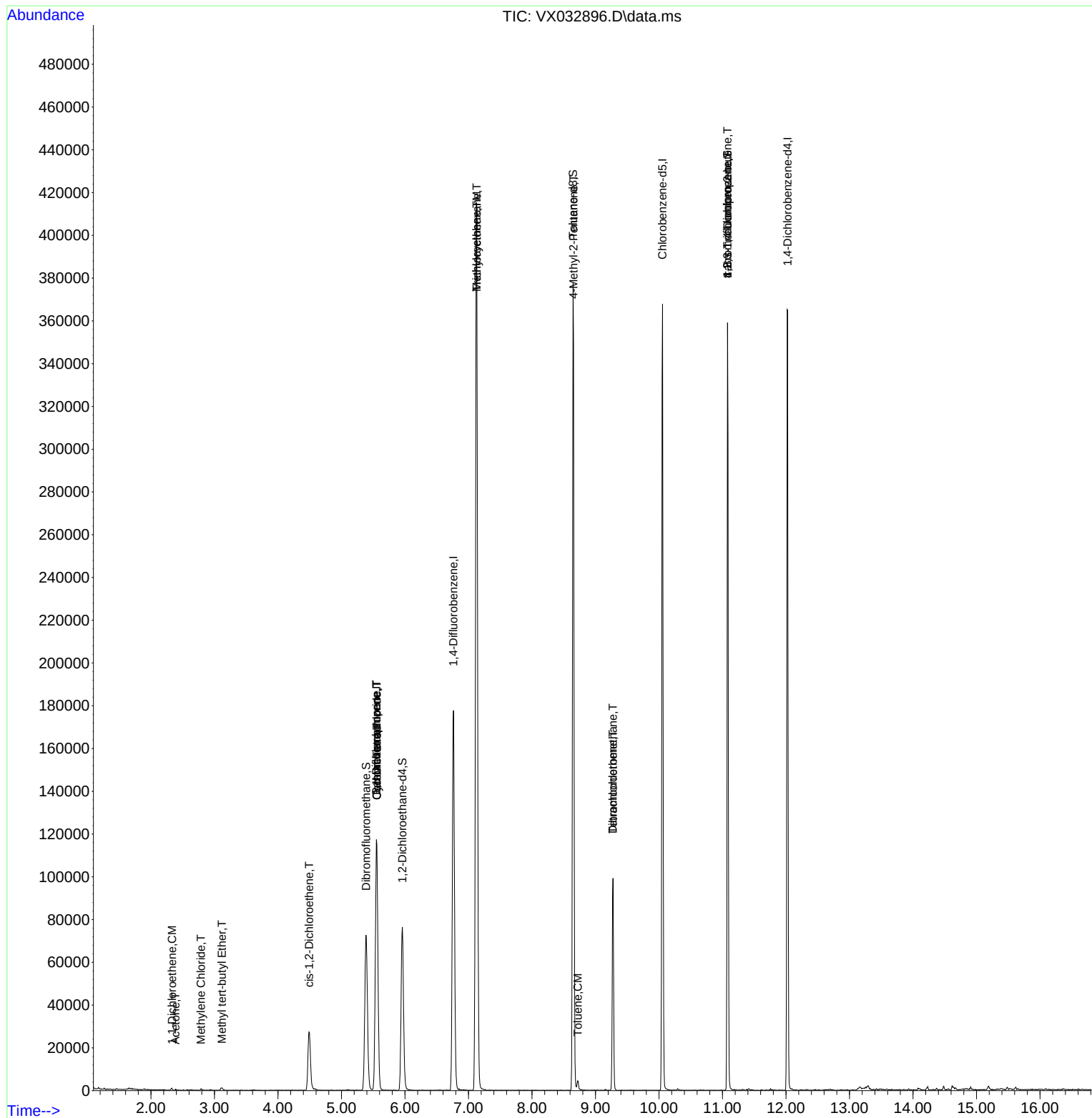
Internal Standards						
1) Pentafluorobenzene	5.550	168	109974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77171	50.503	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.000%		
35) Dibromofluoromethane	5.385	113	63158	48.868	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.740%		
50) Toluene-d8	8.647	98	225667	50.215	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.420%		
62) 4-Bromofluorobenzene	11.079	95	88172	50.227	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 100.460%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.331	96	263	0.238	ug/l #	77
16) Acetone	2.386	43	468	0.843	ug/l #	80
19) Methyl tert-butyl Ether	3.117	73	1417	0.366	ug/l	95
20) Methylene Chloride	2.788	84	298	0.234	ug/l #	87
27) cis-1,2-Dichloroethene	4.489	96	18396	13.257	ug/l	87
31) Cyclohexane	5.556	56	2367	1.278	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8640	4.801	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11561	5.792	ug/l #	15
39) Methylcyclohexane	7.129	83	1894	0.889	ug/l #	1
44) Trichloroethene	7.129	130	162629	113.432	ug/l	100
51) 4-Methyl-2-Pentanone	8.653	43	995	0.549	ug/l #	1
52) Toluene	8.720	92	1808	0.544	ug/l	100
60) Dibromochloromethane	9.275	129	17648	11.546	ug/l #	11
64) Tetrachloroethene	9.275	164	17678	14.699	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	47804	27.943	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	47804	88.915	ug/l #	6

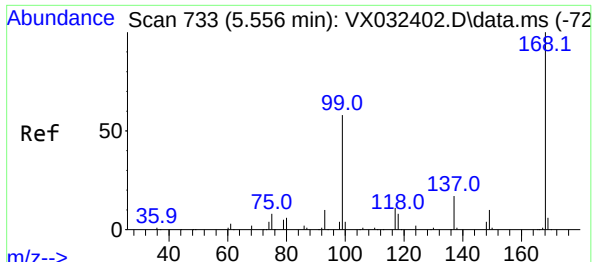
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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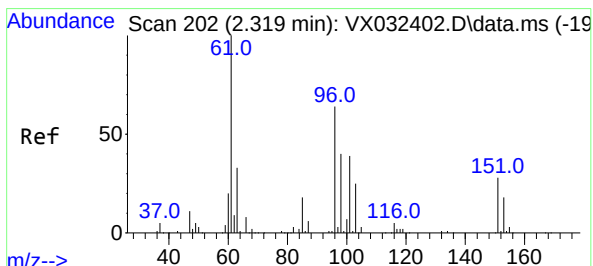
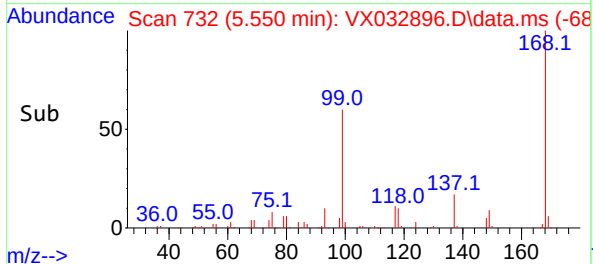
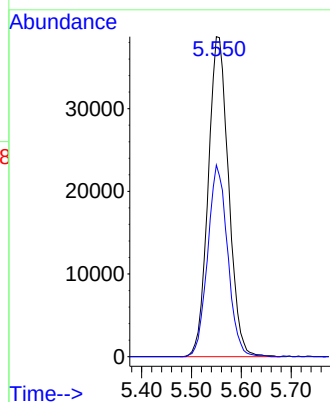
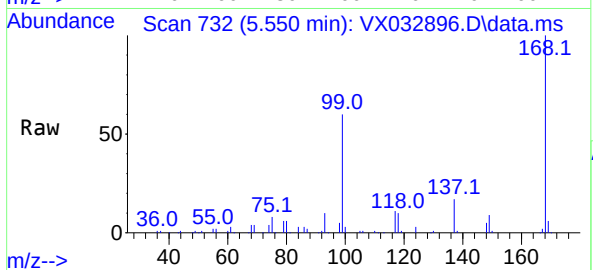




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

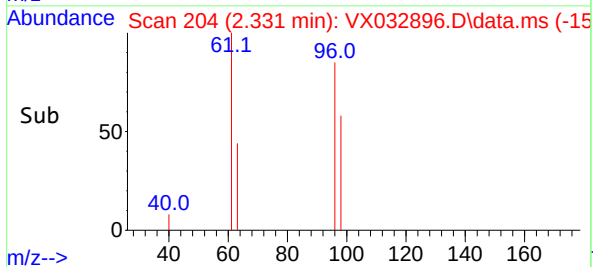
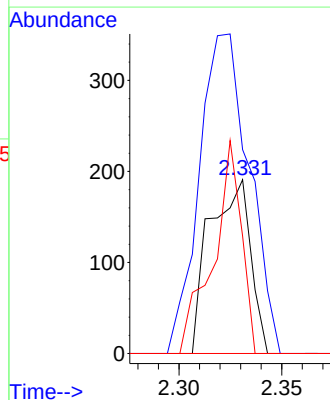
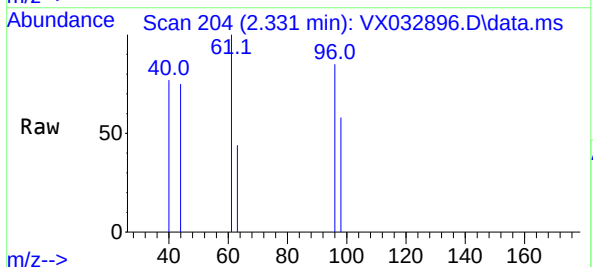
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20221115

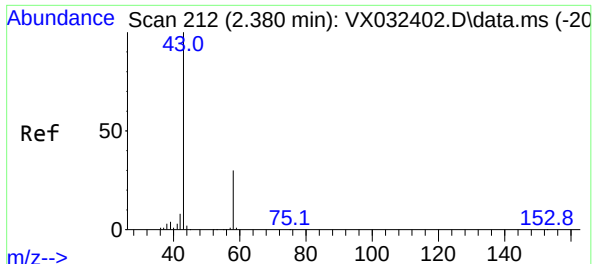
Tgt Ion:168 Resp: 109974
Ion Ratio Lower Upper
168 100
99 59.9 46.1 69.1



#12
1,1-Dichloroethene
Concen: 0.238 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.012 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

Tgt Ion: 96 Resp: 263
Ion Ratio Lower Upper
96 100
61 117.3 125.1 187.7#
98 67.5 50.6 76.0

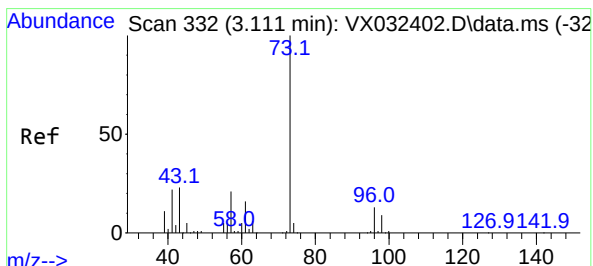
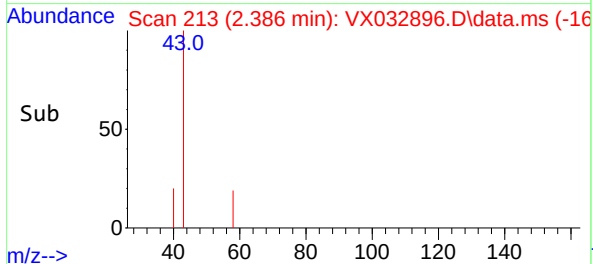
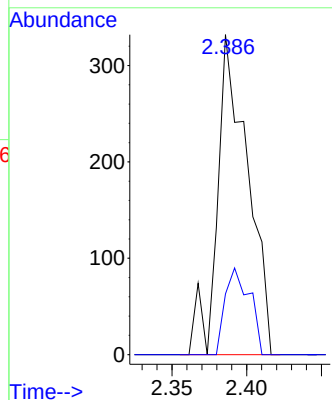
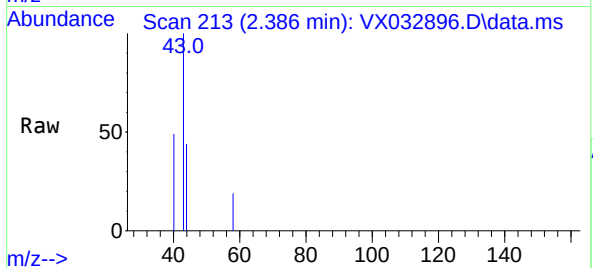




#16
Acetone
Concen: 0.843 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

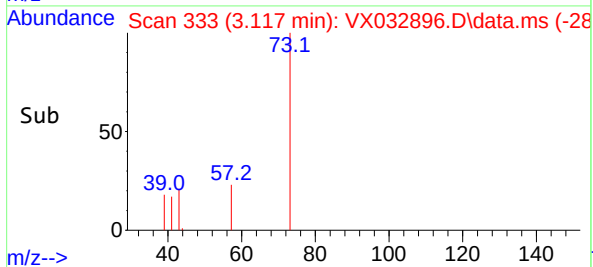
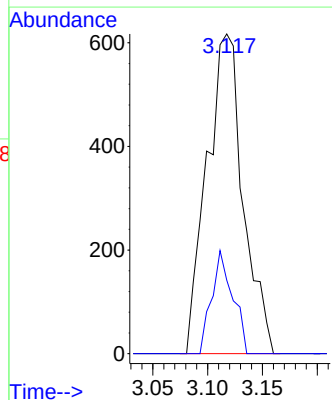
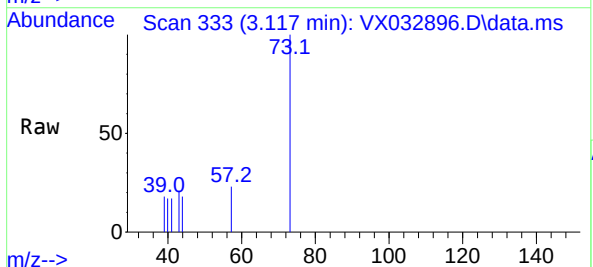
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20221115

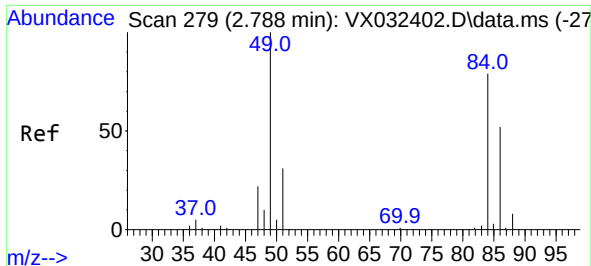
Tgt Ion: 43 Resp: 468
Ion Ratio Lower Upper
43 100
58 19.0 23.8 35.8#



#19
Methyl tert-butyl Ether
Concen: 0.366 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

Tgt Ion: 73 Resp: 1417
Ion Ratio Lower Upper
73 100
57 23.0 16.6 25.0

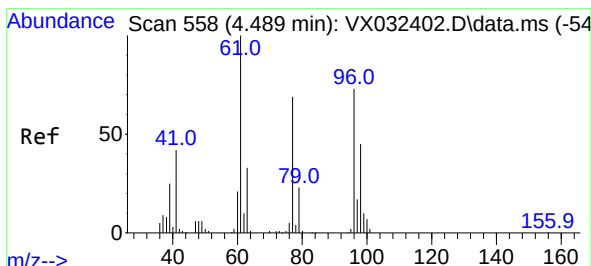
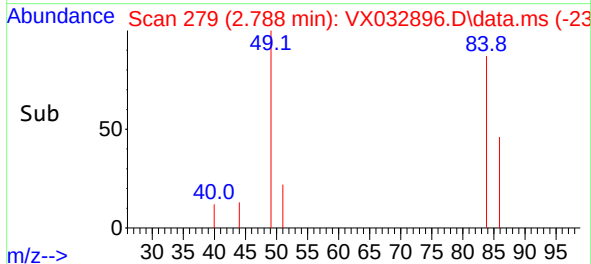
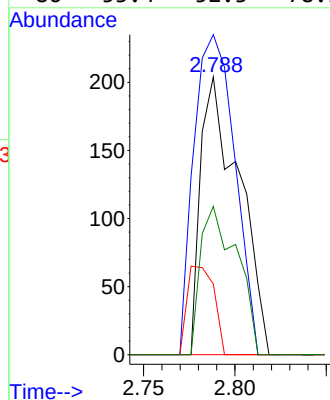
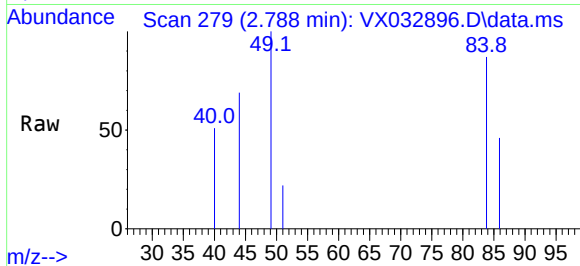




#20
Methylene Chloride
Concen: 0.234 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

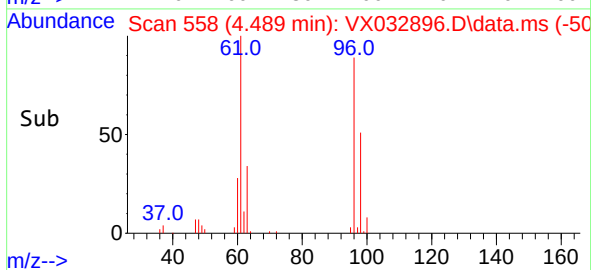
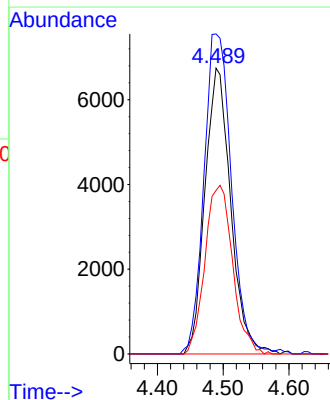
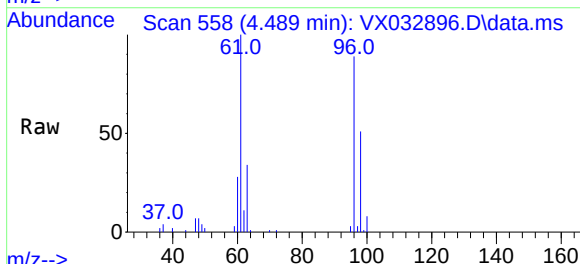
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20221115

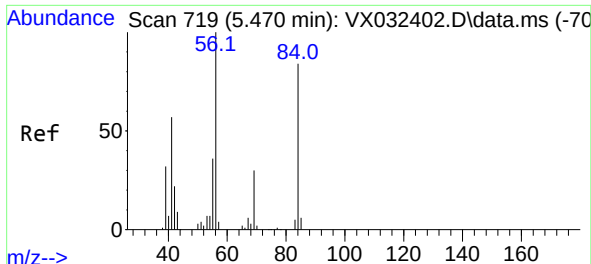
Tgt Ion:	84	Resp:	298
Ion	Ratio	Lower	Upper
84	100		
49	115.2	101.0	151.6
51	25.5	31.1	46.7#
86	53.4	52.3	78.5



#27
cis-1,2-Dichloroethene
Concen: 13.257 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

Tgt Ion:	96	Resp:	18396
Ion	Ratio	Lower	Upper
96	100		
61	119.9	0.0	286.0
98	63.3	0.0	129.6

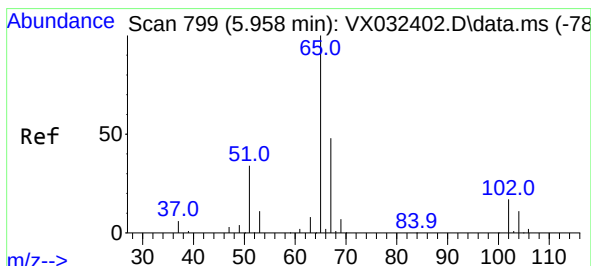
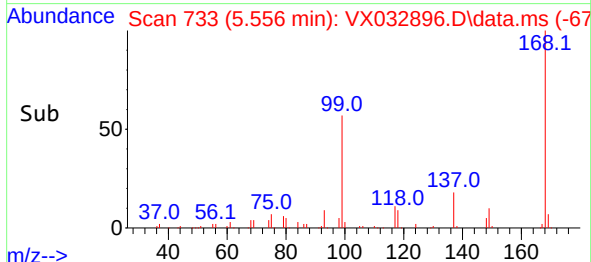
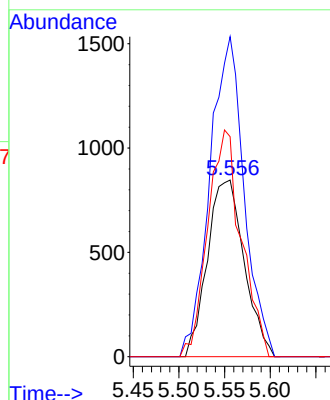
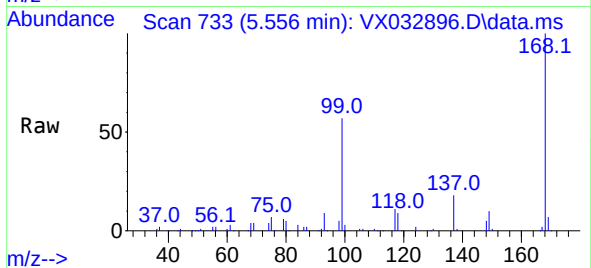




#31
Cyclohexane
Concen: 1.278 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

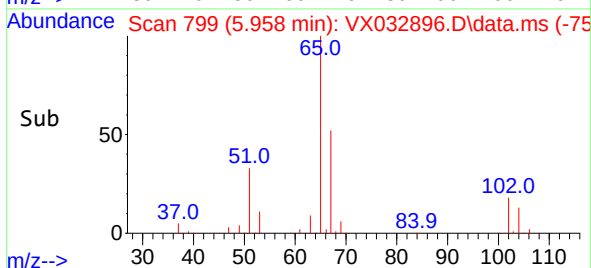
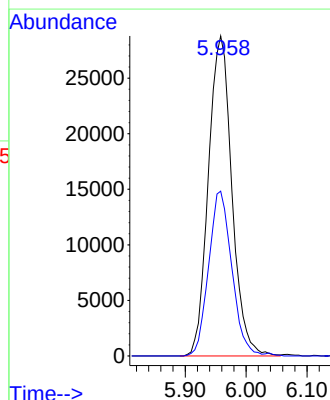
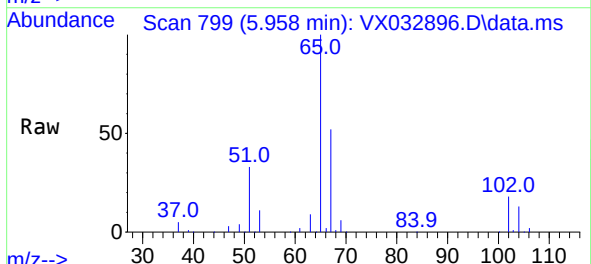
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20221115

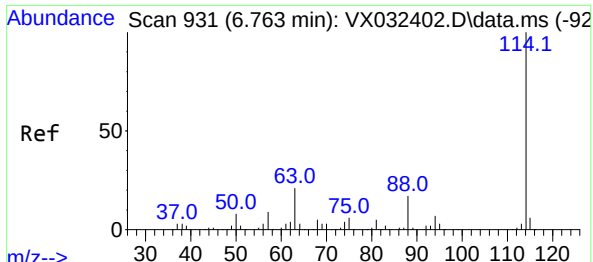
Tgt Ion: 56 Resp: 2367
Ion Ratio Lower Upper
56 100
69 181.1 24.1 36.1#
84 124.6 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.503 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

Tgt Ion: 65 Resp: 77171
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX032896.D

Acq: 17 Nov 2022 13:44

Instrument :

MSVOA_X

ClientSampleId :

MW179D1-20221115

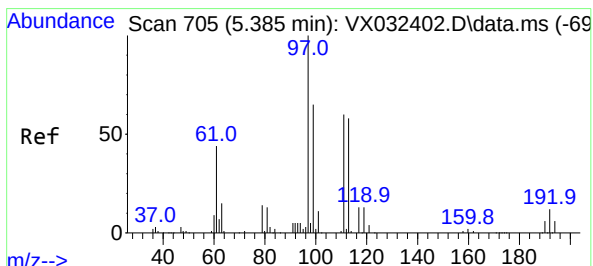
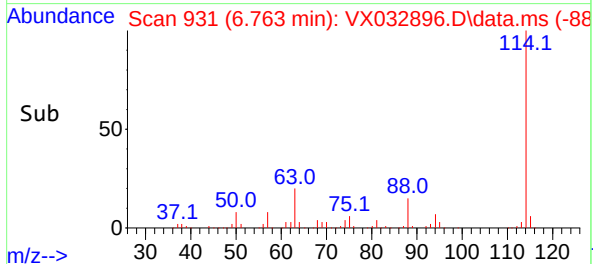
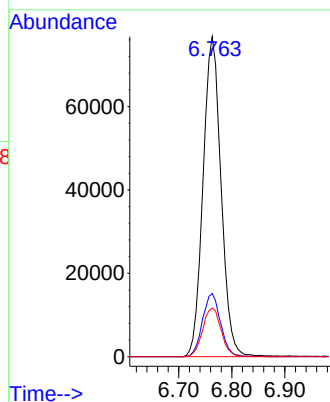
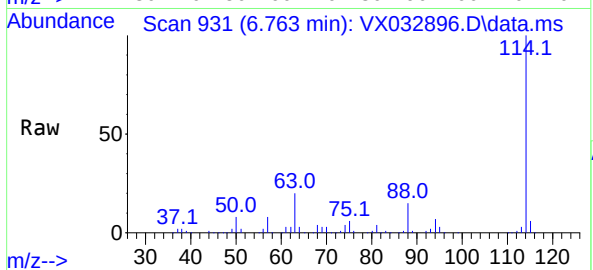
Tgt Ion:114 Resp: 181186

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

88 15.2 0.0 33.4



#35

Dibromofluoromethane

Concen: 48.868 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032896.D

Acq: 17 Nov 2022 13:44

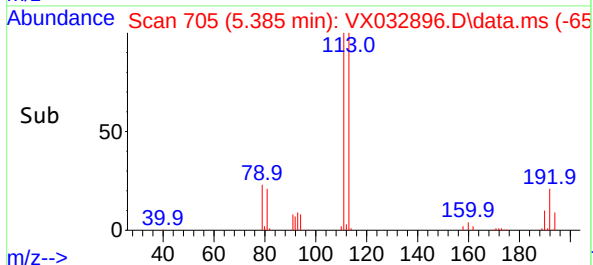
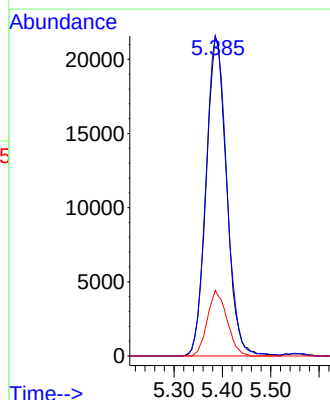
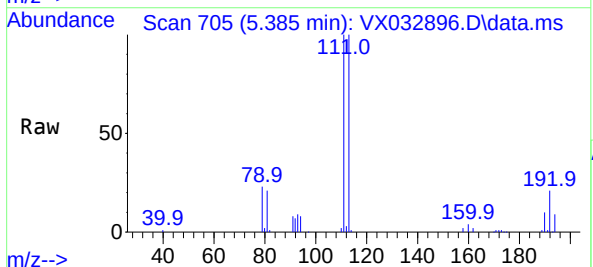
Tgt Ion:113 Resp: 63158

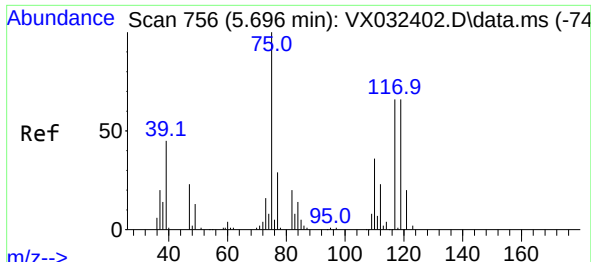
Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

192 19.7 15.4 23.2

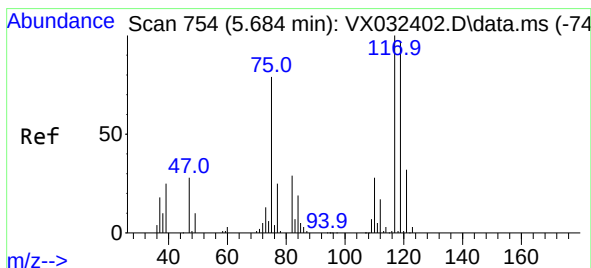
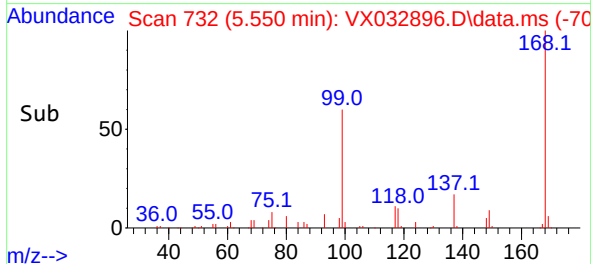
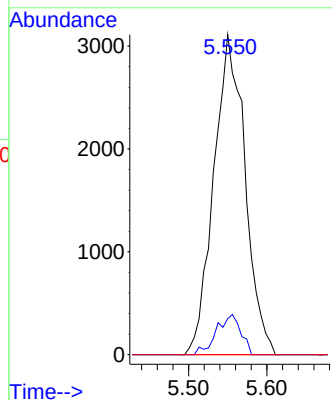
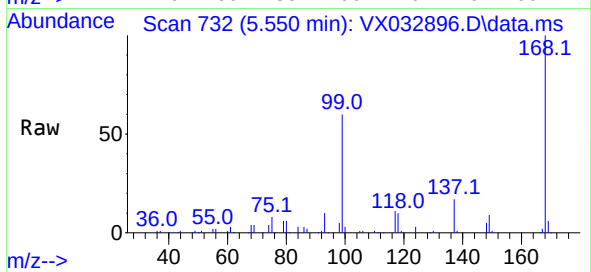




#36
1,1-Dichloropropene
Concen: 4.801 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

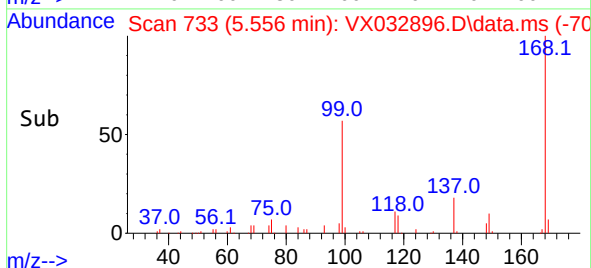
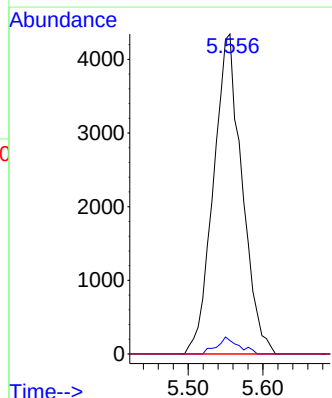
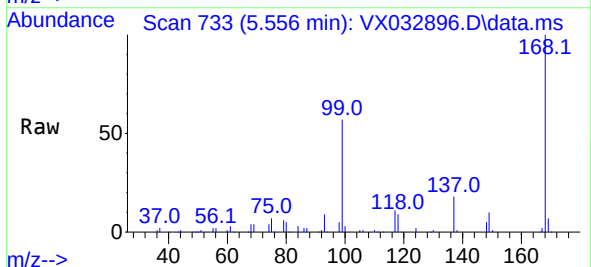
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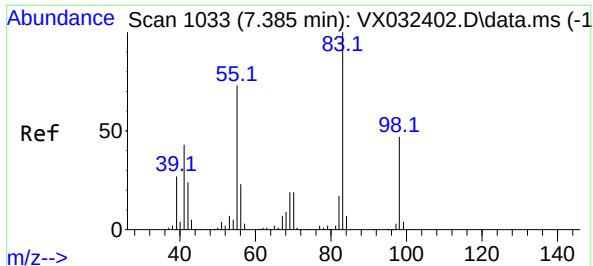
Tgt Ion: 75 Resp: 8640
Ion Ratio Lower Upper
75 100
110 9.8 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.792 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

Tgt Ion: 117 Resp: 11561
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 25.8 38.6#

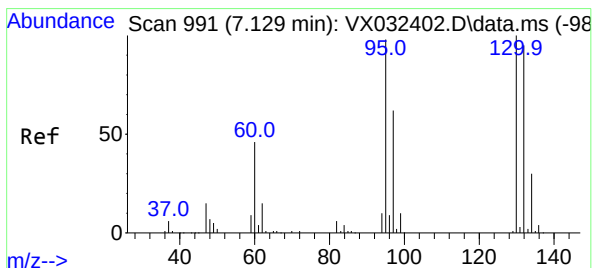
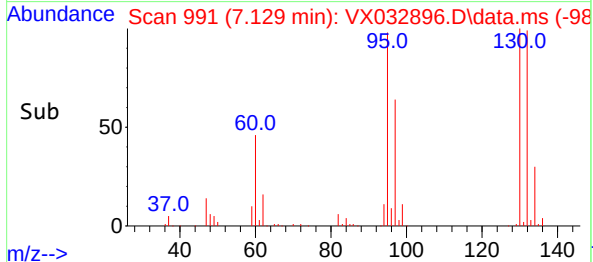
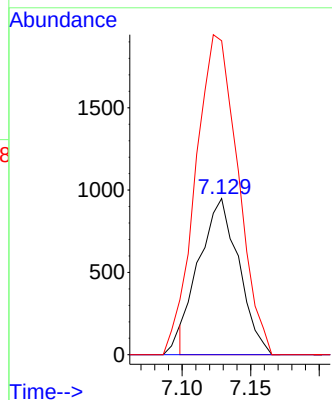
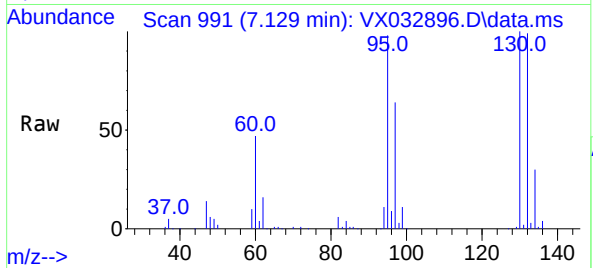




#39
Methylcyclohexane
Concen: 0.889 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

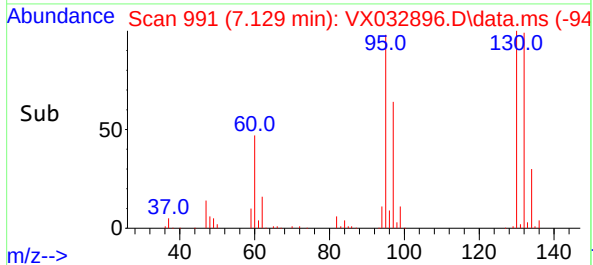
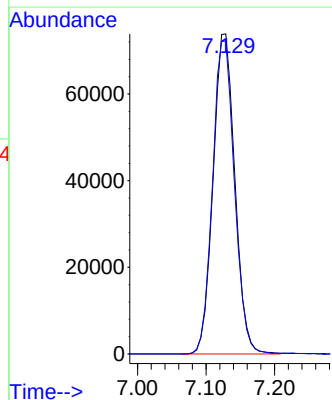
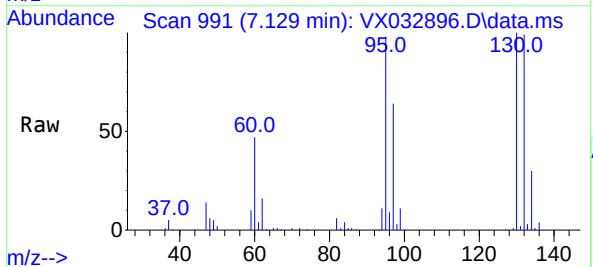
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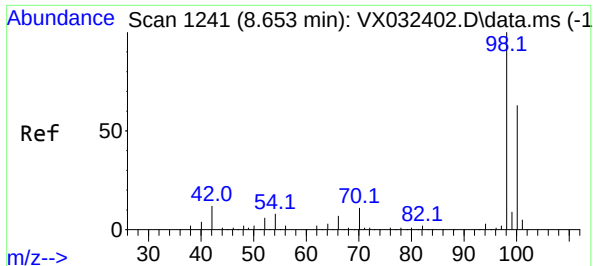
Tgt Ion: 83 Resp: 1894
Ion Ratio Lower Upper
83 100
55 0.0 58.4 87.6#
98 200.9 37.2 55.8#



#44
Trichloroethene
Concen: 113.432 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

Tgt Ion:130 Resp: 162629
Ion Ratio Lower Upper
130 100
95 97.8 0.0 195.2

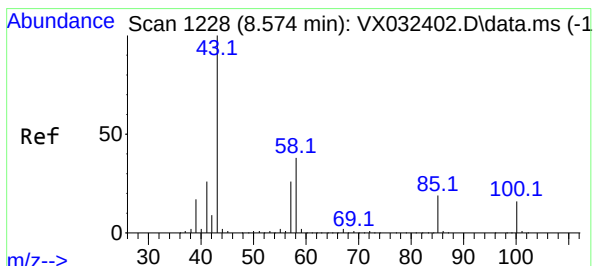
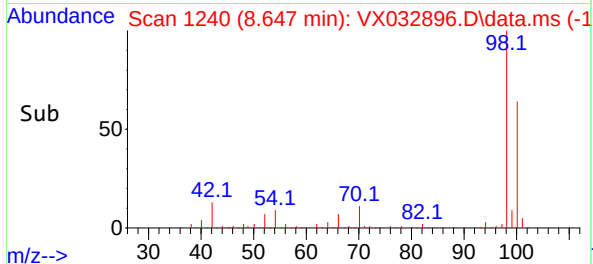
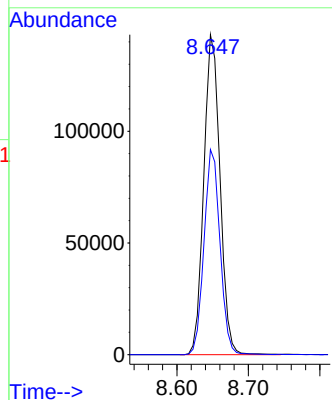
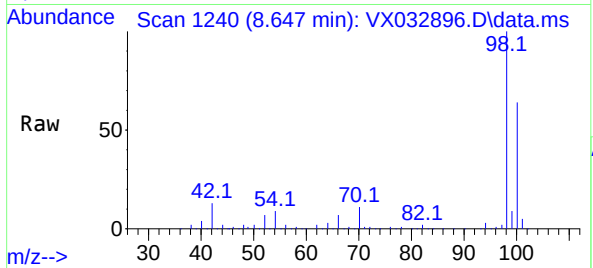




#50
Toluene-d8
Concen: 50.215 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

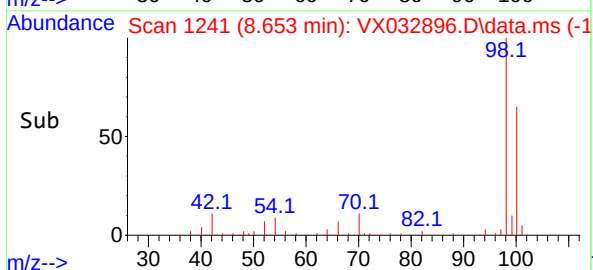
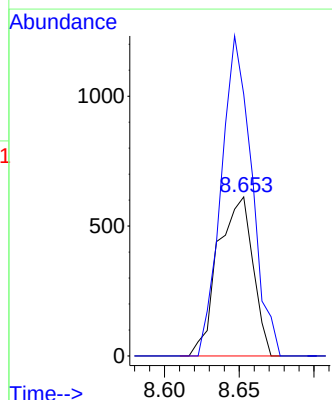
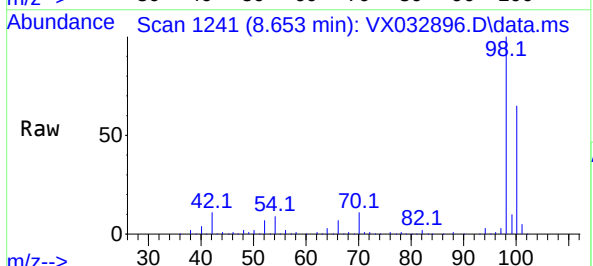
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20221115

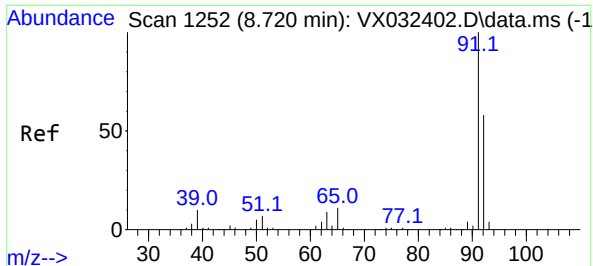
Tgt Ion: 98 Resp: 225667
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.549 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

Tgt Ion: 43 Resp: 995
Ion Ratio Lower Upper
43 100
58 175.7 30.9 46.3#

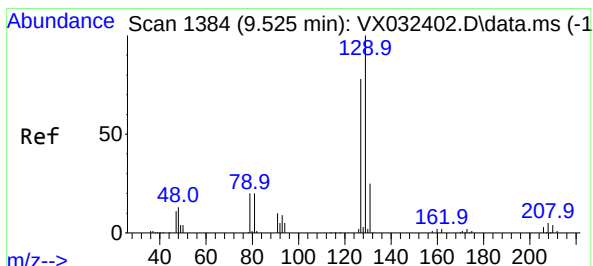
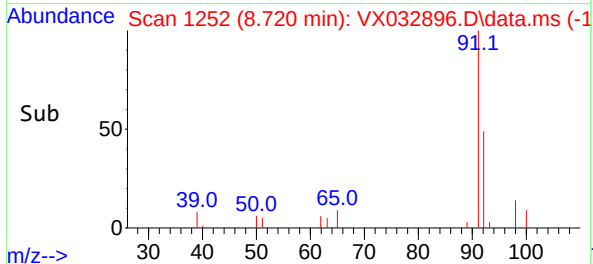
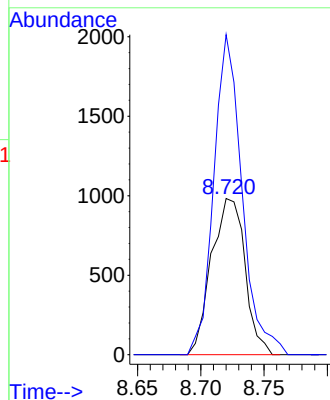
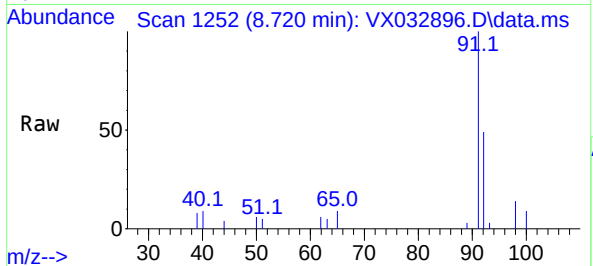




#52
Toluene
Concen: 0.544 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

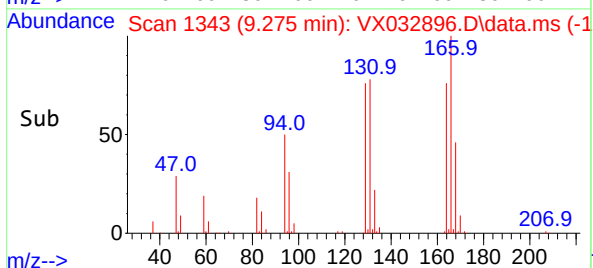
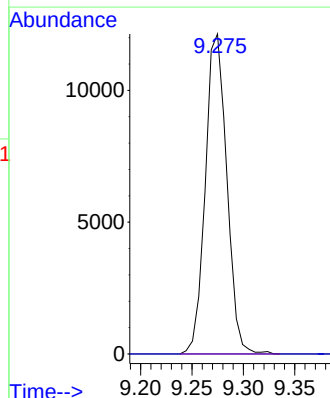
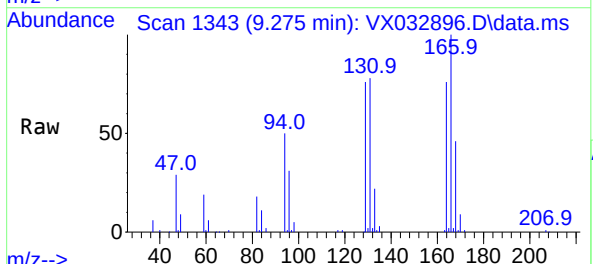
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20221115

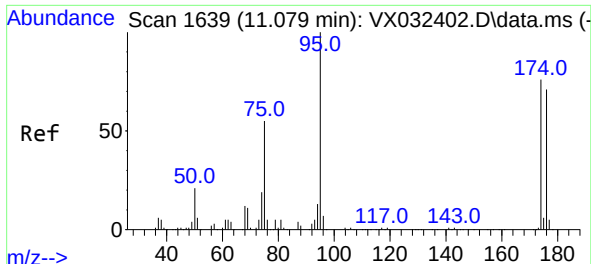
Tgt Ion: 92 Resp: 1808
Ion Ratio Lower Upper
92 100
91 172.8 138.3 207.5



#60
Dibromochloromethane
Concen: 11.546 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

Tgt Ion: 129 Resp: 17648
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

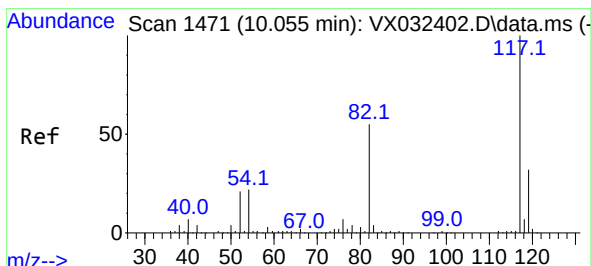
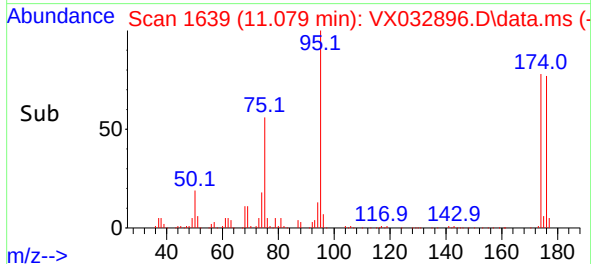
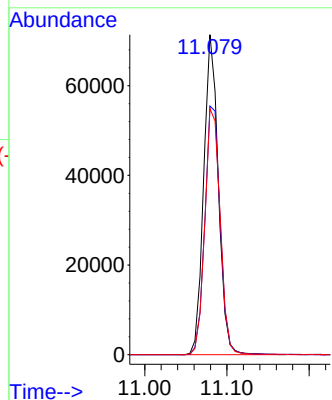
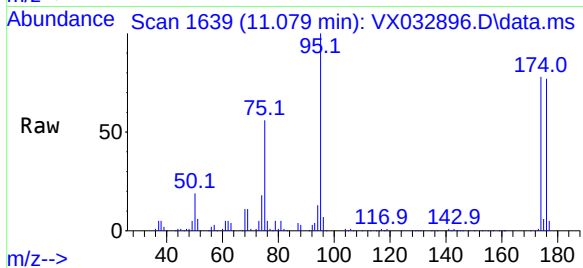




#62
4-Bromofluorobenzene
Concen: 50.227 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

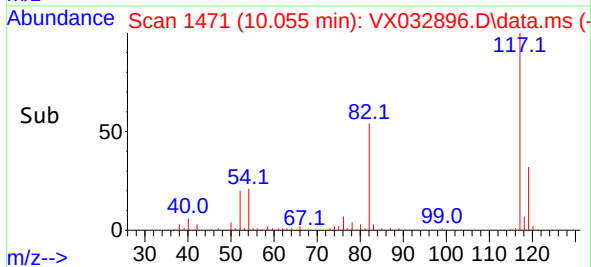
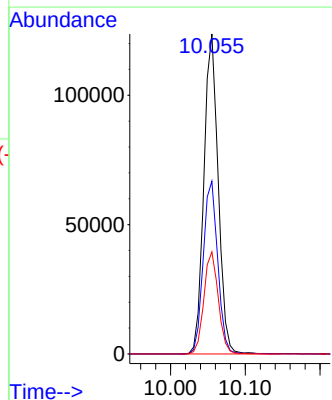
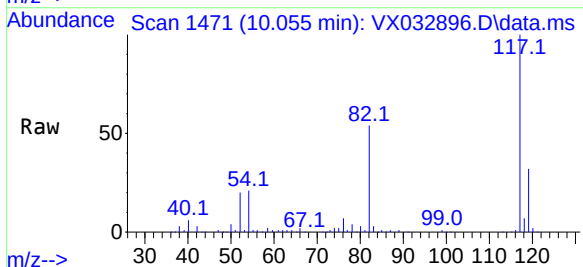
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20221115

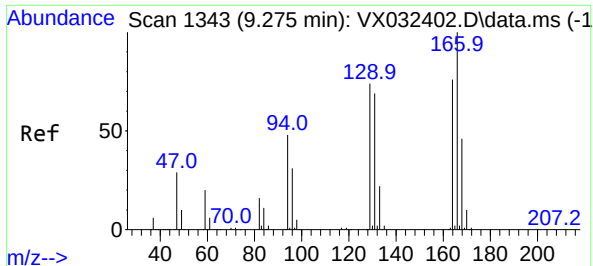
Tgt Ion: 95 Resp: 88172
Ion Ratio Lower Upper
95 100
174 81.7 0.0 164.0
176 80.4 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

Tgt Ion: 117 Resp: 164320
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 31.9 25.7 38.5



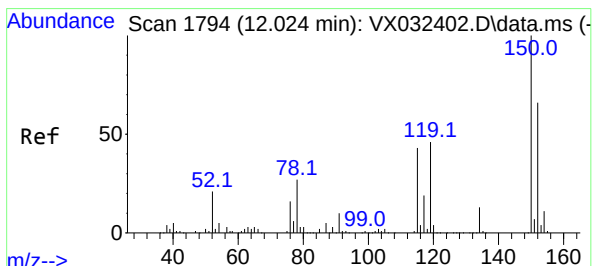
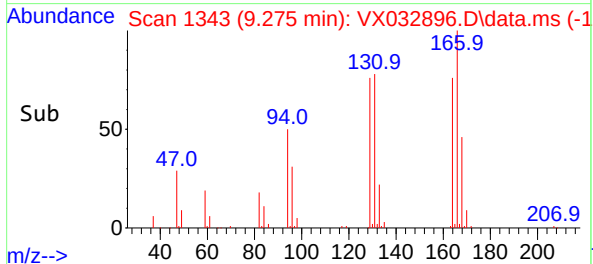
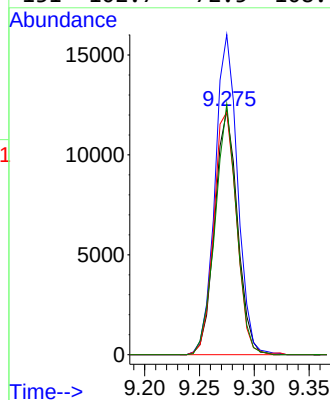
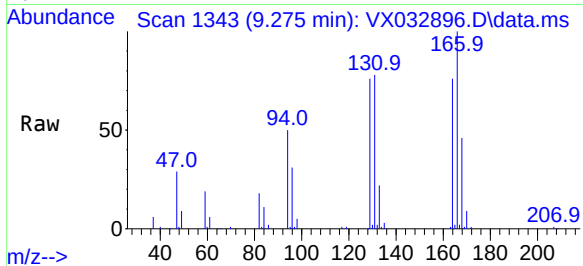


#64
Tetrachloroethene
Concen: 14.699 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20221115

Tgt Ion:164 Resp: 17678

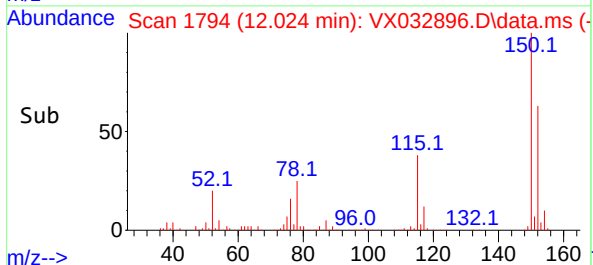
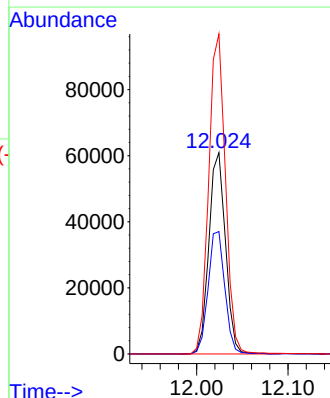
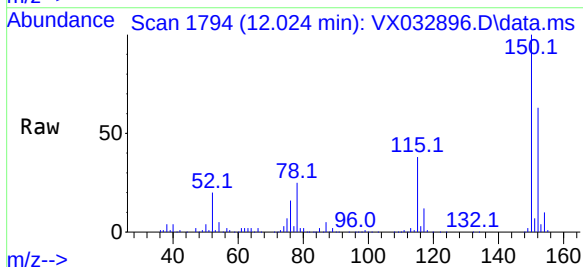
Ion	Ratio	Lower	Upper
164	100		
166	131.2	105.4	158.2
129	99.4	78.2	117.2
131	102.7	72.5	108.7

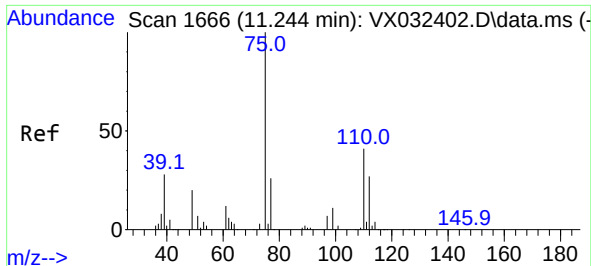


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

Tgt Ion:152 Resp: 76897

Ion	Ratio	Lower	Upper
152	100		
115	61.1	44.0	132.0
150	159.6	0.0	351.8

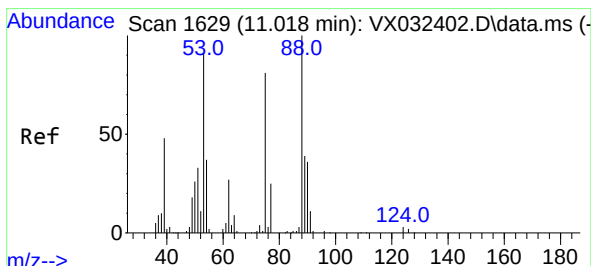
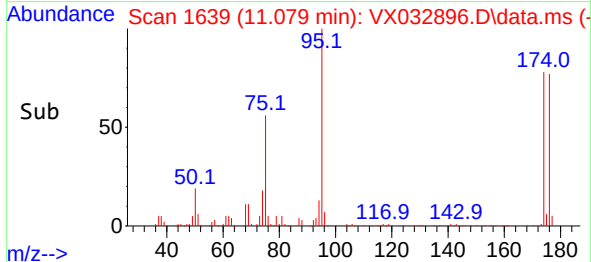
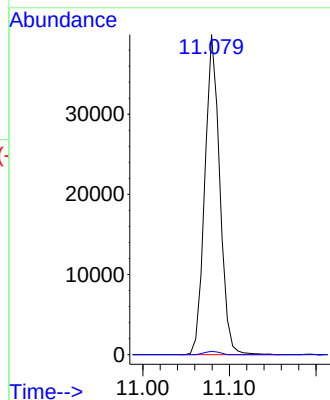
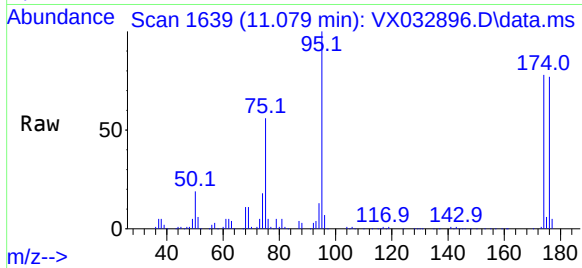




#76
1,2,3-Trichloropropane
Concen: 27.943 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20221115

Tgt Ion: 75 Resp: 47804
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.915 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

Tgt Ion: 75 Resp: 47804
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

