

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029894.D
 Acq On : 30 Jun 2022 05:13
 Operator : JC/MD
 Sample : N3481-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-29

Quant Time: Jun 30 06:28:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

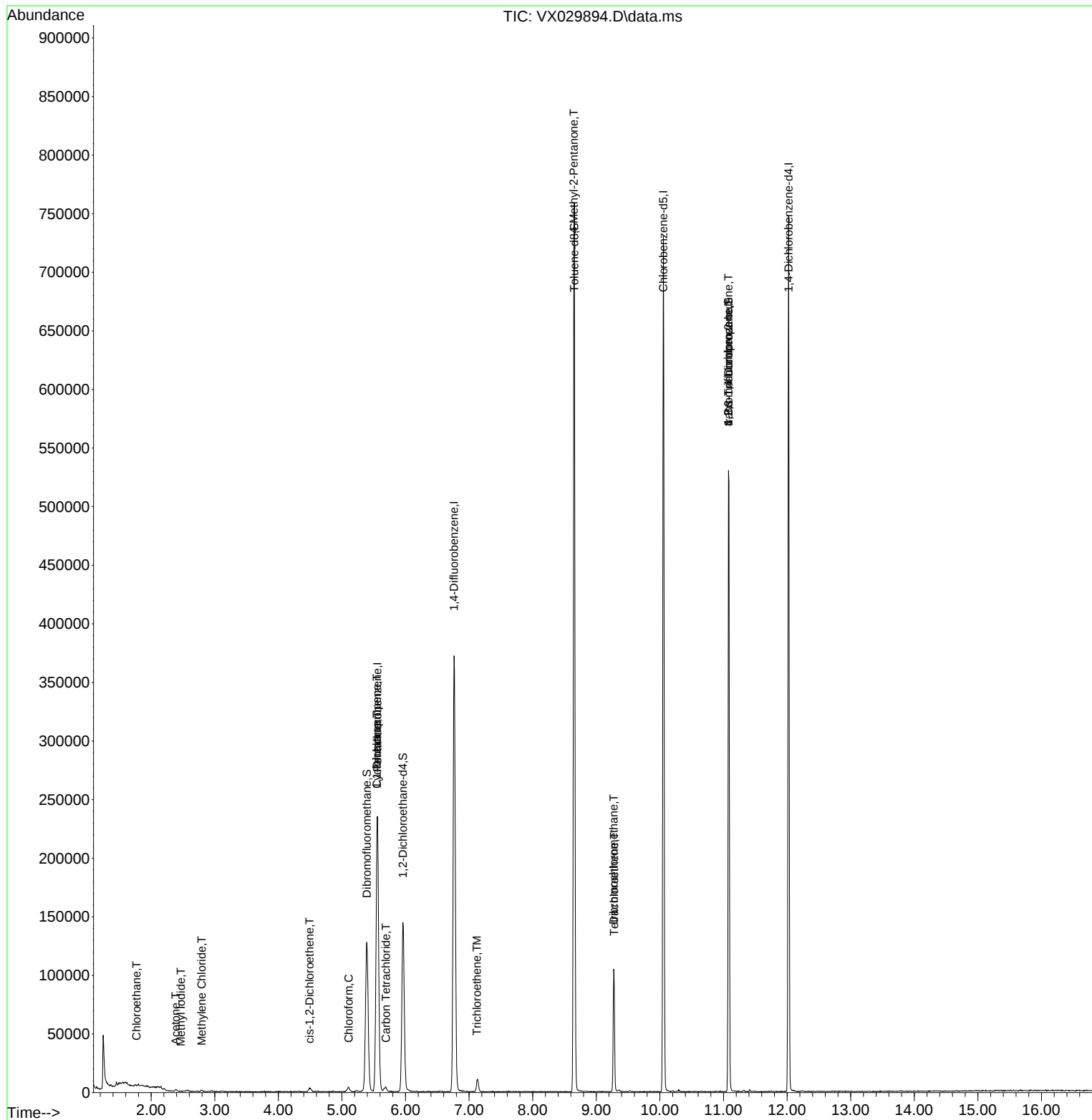
Internal Standards						
1) Pentafluorobenzene	5.556	168	231611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	402495	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130646	44.562	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.120%
35) Dibromofluoromethane	5.391	113	114871	45.667	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.340%
50) Toluene-d8	8.653	98	456835	48.412	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.820%
62) 4-Bromofluorobenzene	11.079	95	151085	45.294	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.580%
Target Compounds						
					Qvalue	
6) Chloroethane	1.770	64	593	1.341	ug/l #	47
10) Methyl Iodide	2.465	142	204	1.935	ug/l #	45
13) Acrolein	2.209	56	27	Below Cal	#	1
16) Acetone	2.386	43	1573	1.097	ug/l #	83
20) Methylene Chloride	2.794	84	664	0.219	ug/l #	84
27) cis-1,2-Dichloroethene	4.489	96	2264	0.733	ug/l	84
30) Chloroform	5.105	83	4091	0.889	ug/l	97
31) Cyclohexane	5.550	56	4963	1.214	ug/l #	37
36) 1,1-Dichloropropene	5.550	75	17182	5.136	ug/l #	45
38) Carbon Tetrachloride	5.690	117	2666	0.920	ug/l #	86
44) Trichloroethene	7.123	130	4229	1.452	ug/l	88
51) 4-Methyl-2-Pentanone	8.647	43	2149	0.473	ug/l #	1
60) Dibromochloromethane	9.275	129	18983	7.555	ug/l #	11
64) Tetrachloroethene	9.281	164	19615	9.504	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	69893	19.665	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	69893	62.450	ug/l #	12

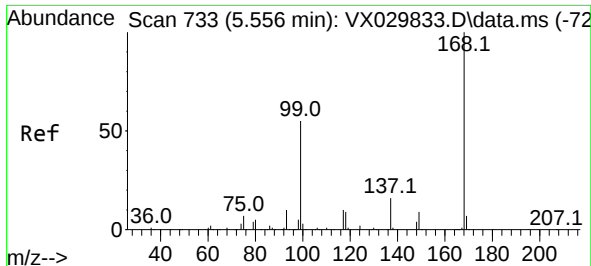
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 30 06:28:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 05:54:51 2022
Response via : Initial Calibration

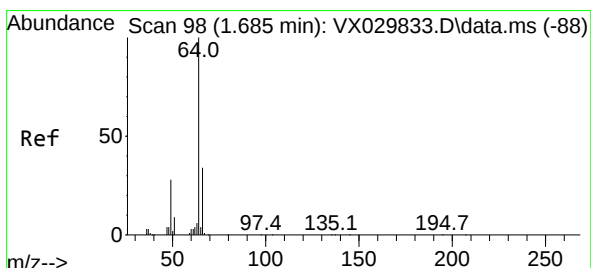
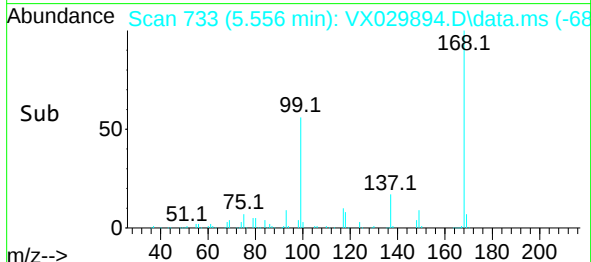
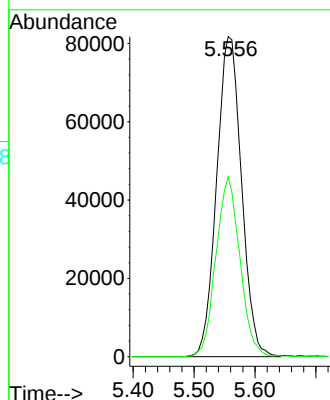
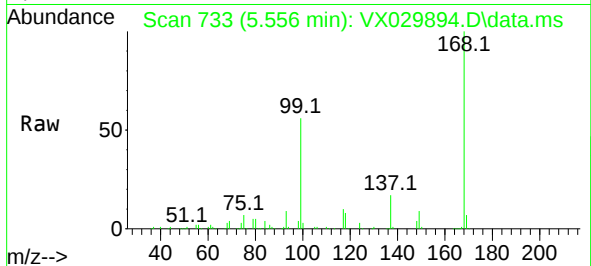




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

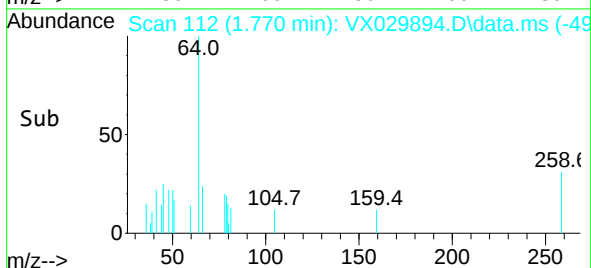
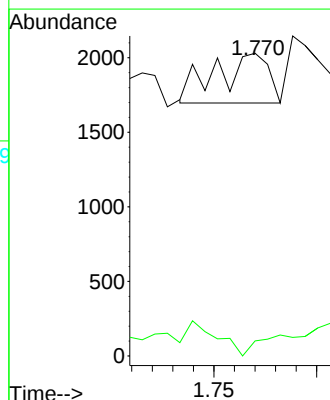
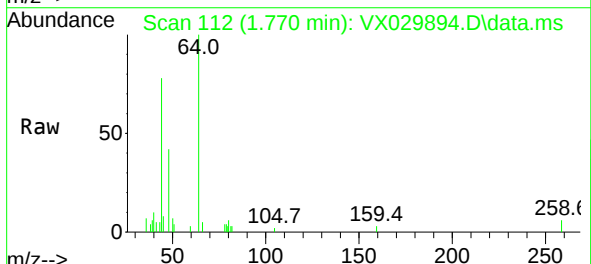
Instrument :
MSVOA_X
ClientSampleId :
MW-29

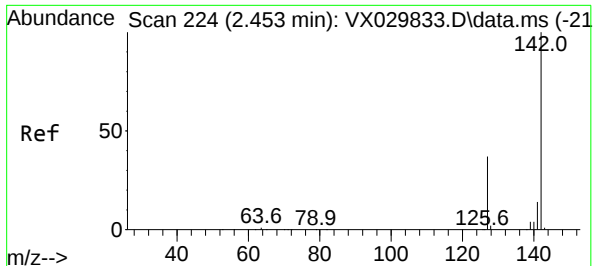
Tgt Ion:168 Resp: 231611
Ion Ratio Lower Upper
168 100
99 56.0 44.0 66.0



#6
Chloroethane
Concen: 1.341 ug/l
RT: 1.770 min Scan# 112
Delta R.T. 0.085 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

Tgt Ion: 64 Resp: 593
Ion Ratio Lower Upper
64 100
66 3.6 27.2 40.8#

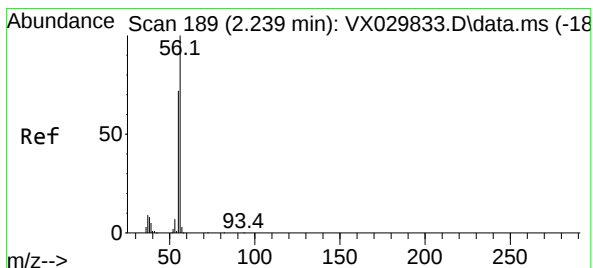
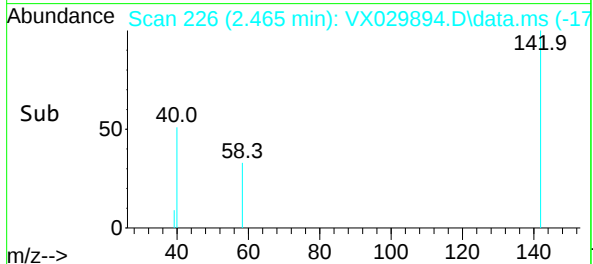
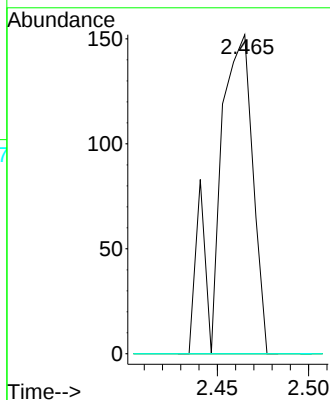
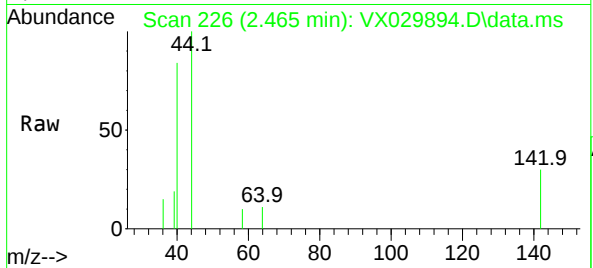




#10
Methyl Iodide
Concen: 1.935 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

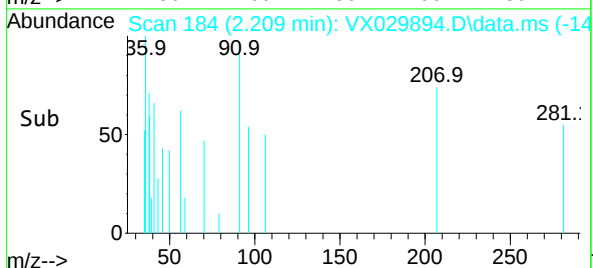
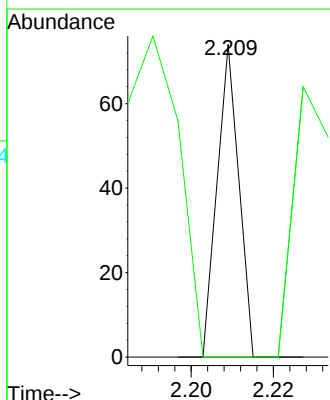
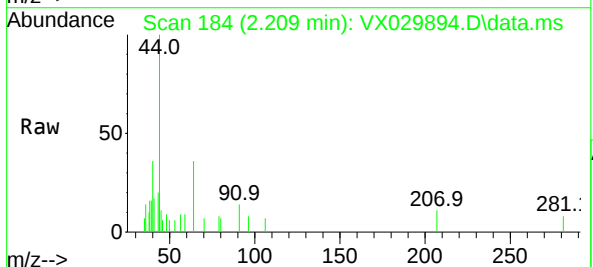
Instrument :
MSVOA_X
ClientSampleId :
MW-29

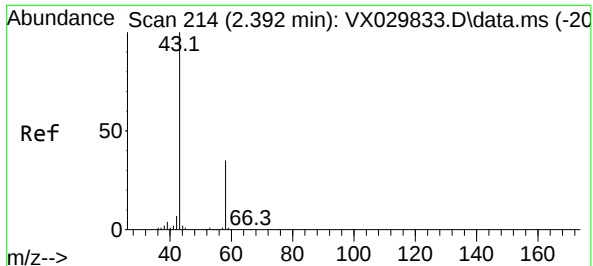
Tgt Ion:142 Resp: 204
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#13
Acrolein
Concen: Below Cal
RT: 2.209 min Scan# 184
Delta R.T. -0.030 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

Tgt Ion: 56 Resp: 27
Ion Ratio Lower Upper
56 100
55 303.7 56.6 84.8#

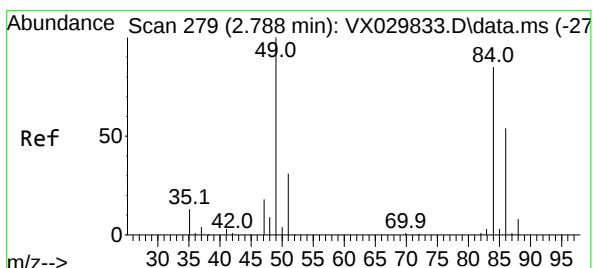
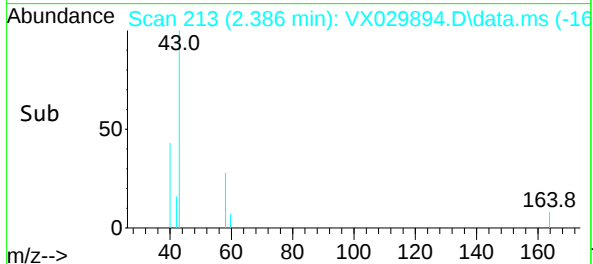
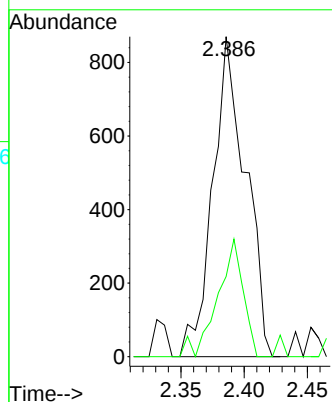
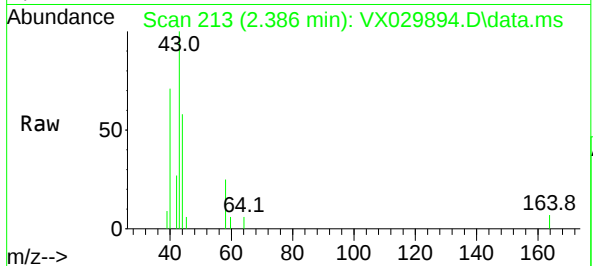




#16
Acetone
Concen: 1.097 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

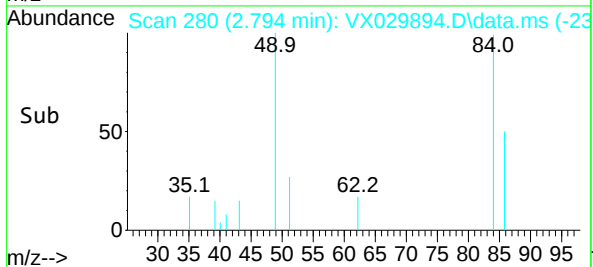
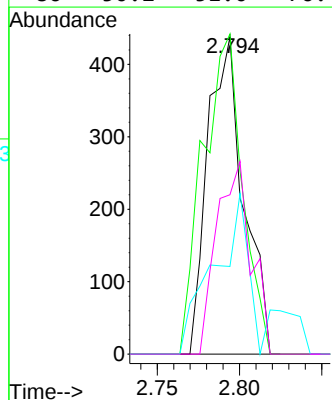
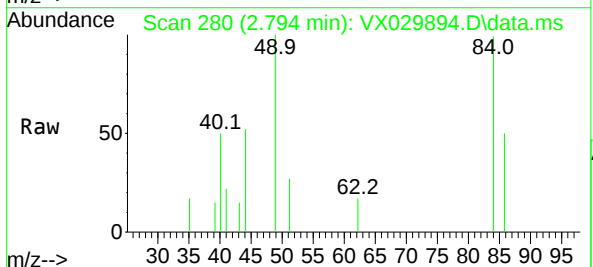
Instrument :
MSVOA_X
ClientSampleId :
MW-29

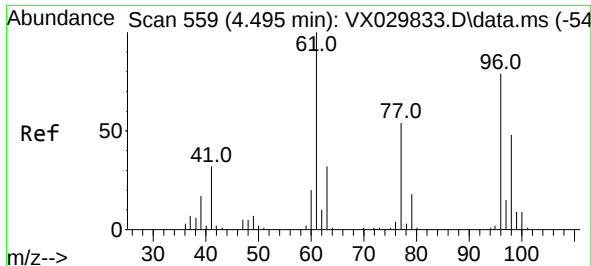
Tgt Ion: 43 Resp: 1573
Ion Ratio Lower Upper
43 100
58 25.1 27.7 41.5#



#20
Methylene Chloride
Concen: 0.219 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

Tgt Ion: 84 Resp: 664
Ion Ratio Lower Upper
84 100
49 100.9 93.8 140.6
51 27.6 29.4 44.0#
86 50.2 51.0 76.4#



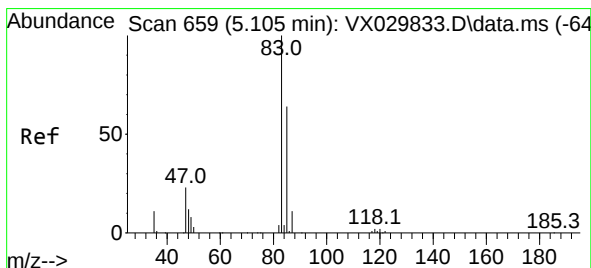
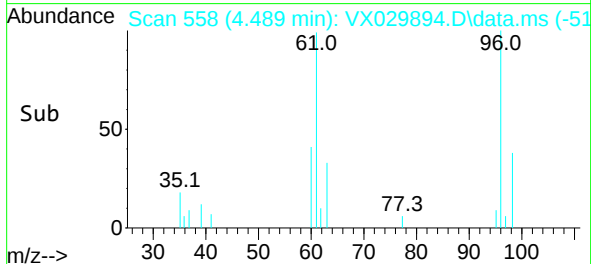
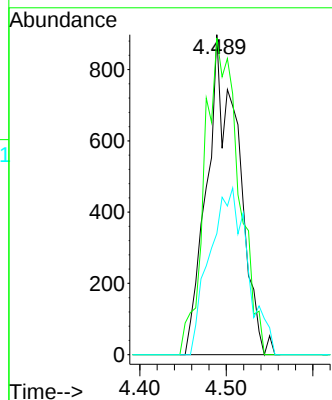
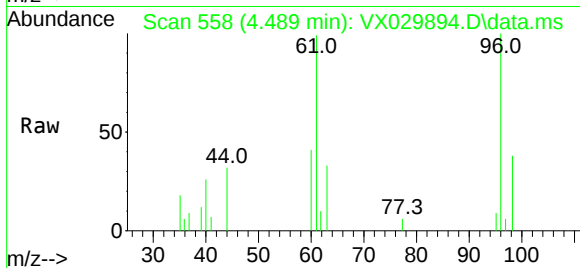


#27
 cis-1,2-Dichloroethene
 Concen: 0.733 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX029894.D
 Acq: 30 Jun 2022 05:13

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-29

Tgt Ion: 96 Resp: 2264

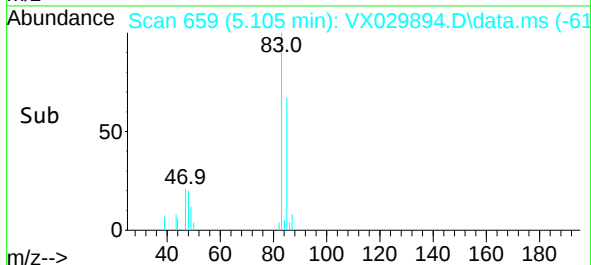
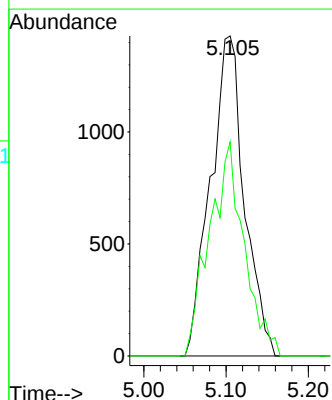
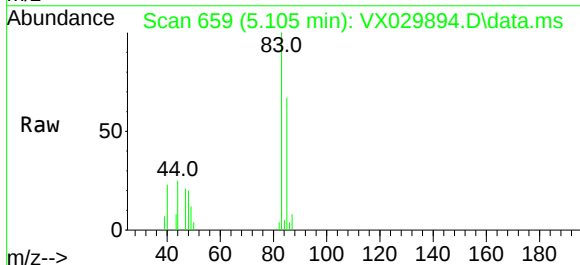
Ion	Ratio	Lower	Upper
96	100		
61	107.5	0.0	270.0
98	63.0	0.0	127.8

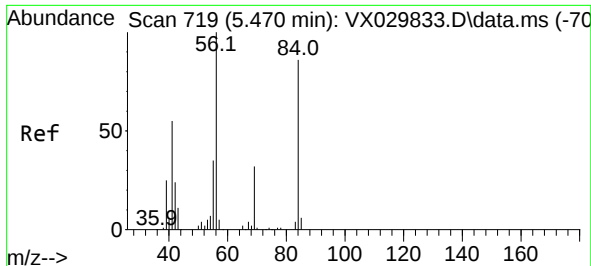


#30
 Chloroform
 Concen: 0.889 ug/l
 RT: 5.105 min Scan# 659
 Delta R.T. 0.000 min
 Lab File: VX029894.D
 Acq: 30 Jun 2022 05:13

Tgt Ion: 83 Resp: 4091

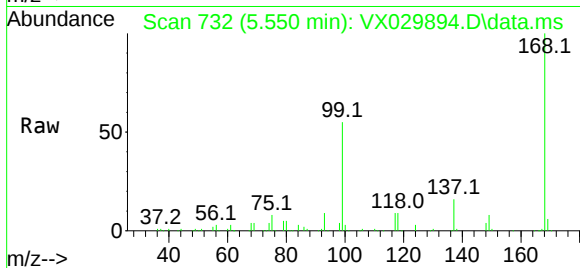
Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.5	77.3



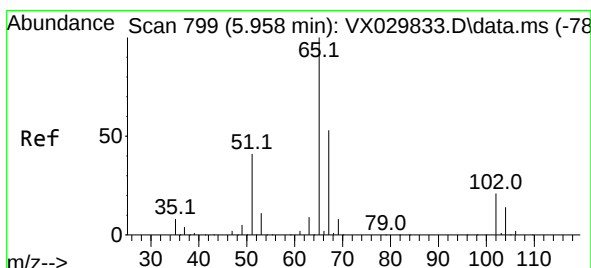
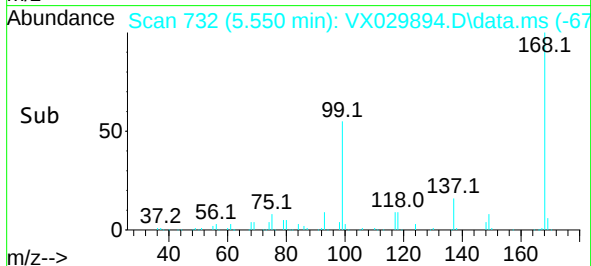
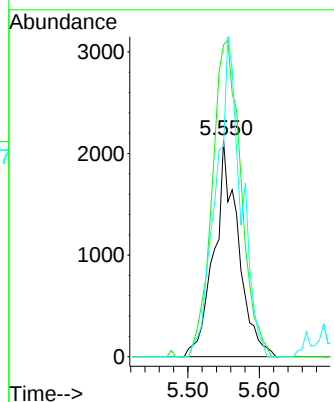


#31
Cyclohexane
Concen: 1.214 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

Instrument :
MSVOA_X
ClientSampleId :
MW-29

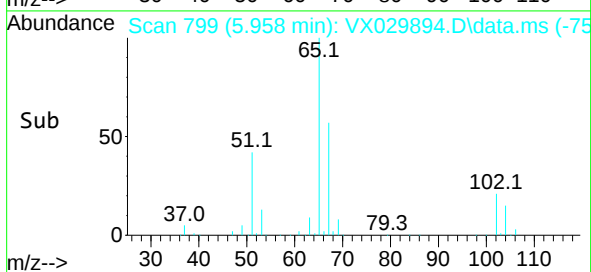
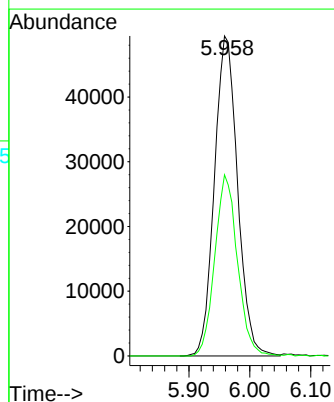
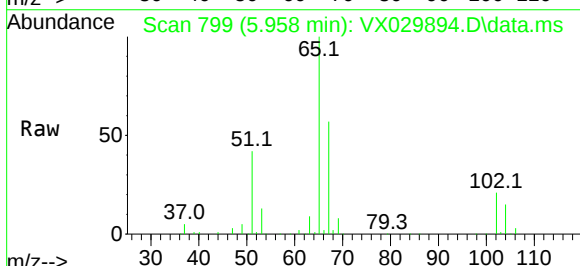


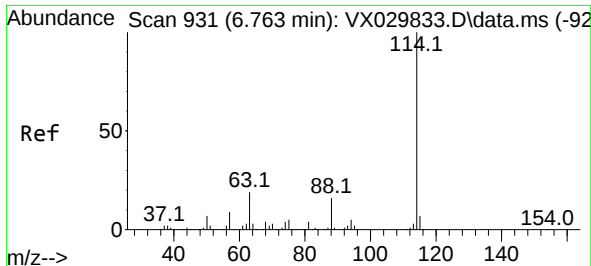
Tgt Ion: 56 Resp: 4963
Ion Ratio Lower Upper
56 100
69 143.8 25.4 38.0#
84 97.1 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 44.562 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

Tgt Ion: 65 Resp: 130646
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.6

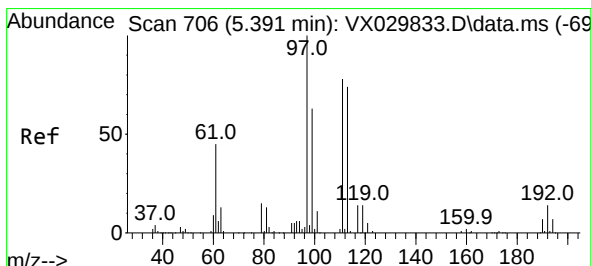
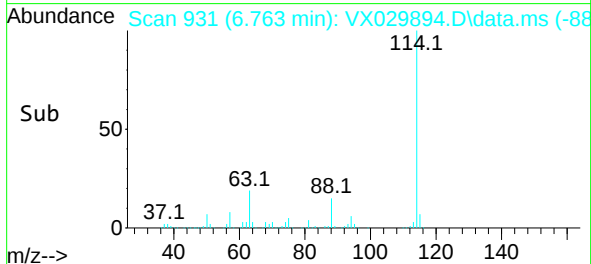
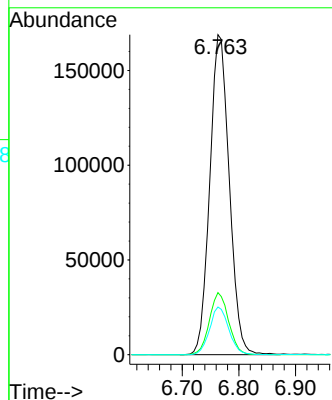
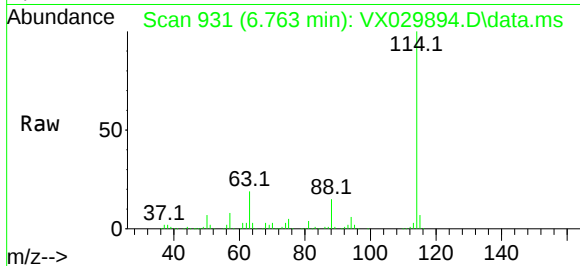




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

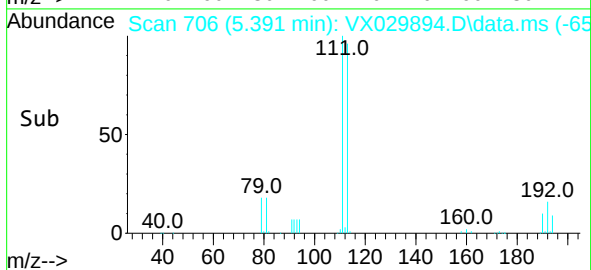
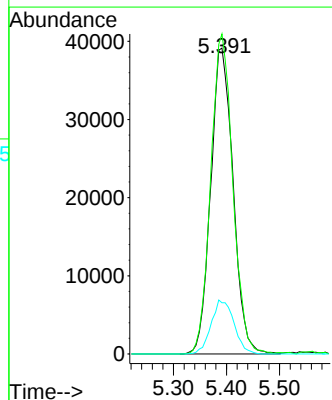
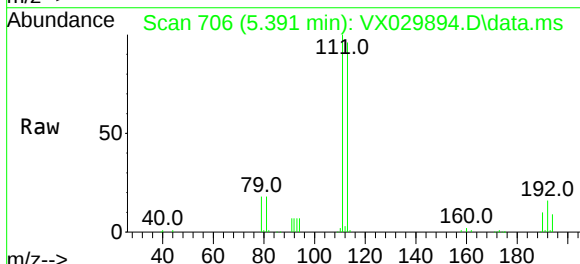
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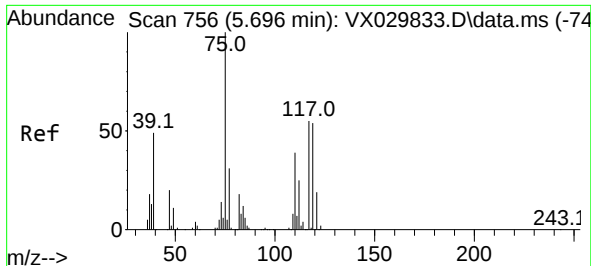
Tgt Ion:114 Resp: 402495
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.4
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.667 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

Tgt Ion:113 Resp: 114871
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 18.0 14.8 22.2

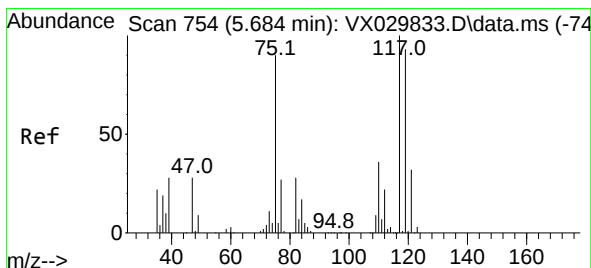
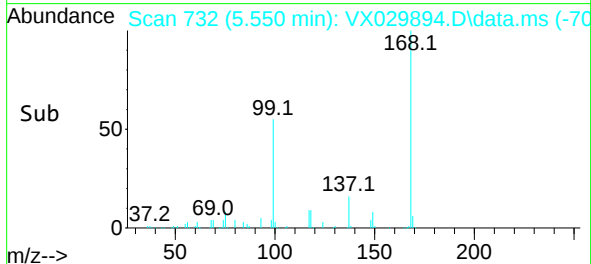
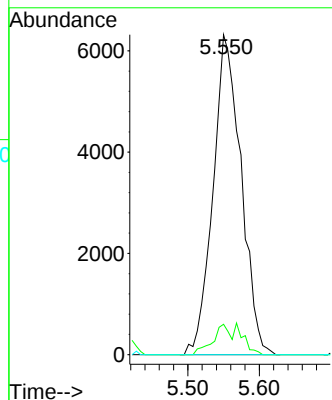
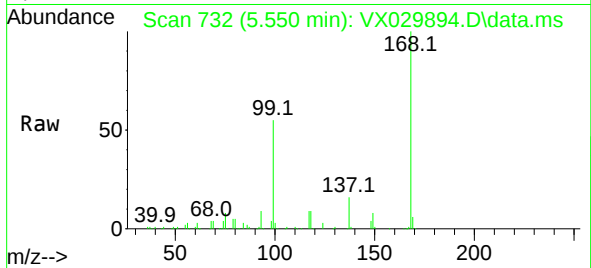




#36
1,1-Dichloropropene
Concen: 5.136 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

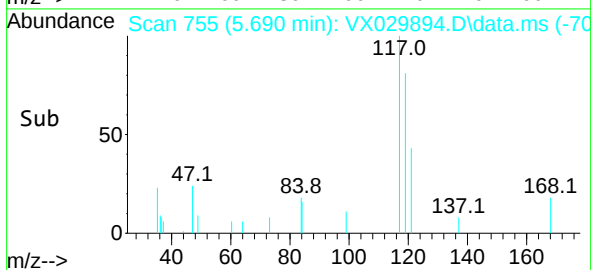
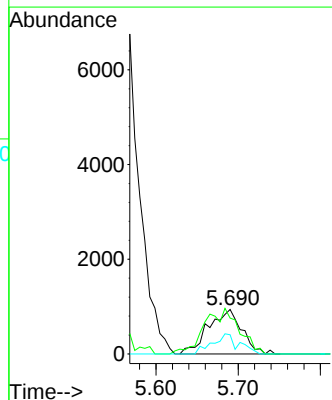
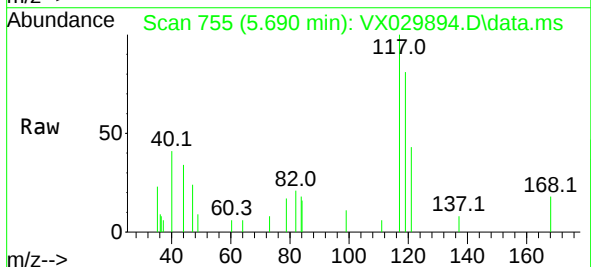
Instrument :
MSVOA_X
ClientSampleId :
MW-29

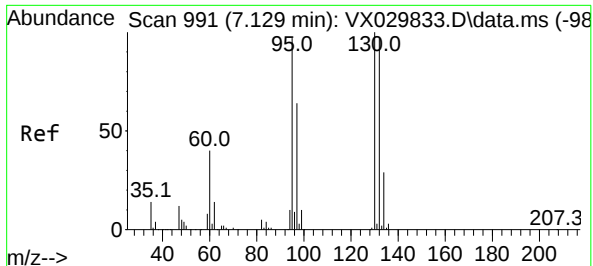
Tgt Ion: 75 Resp: 17182
Ion Ratio Lower Upper
75 100
110 6.0 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 0.920 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

Tgt Ion: 117 Resp: 2666
Ion Ratio Lower Upper
117 100
119 80.7 74.1 111.1
121 43.3 25.8 38.8#

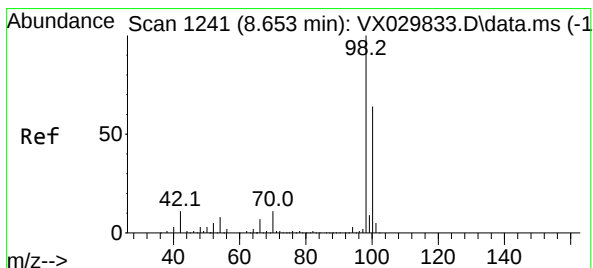
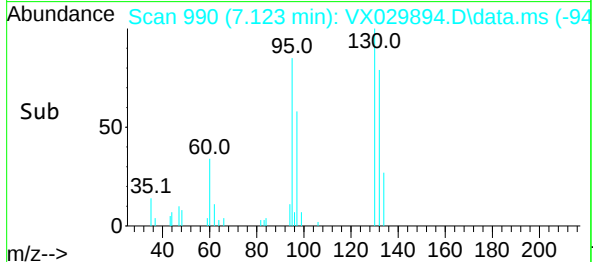
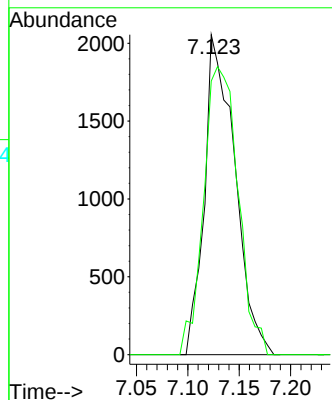
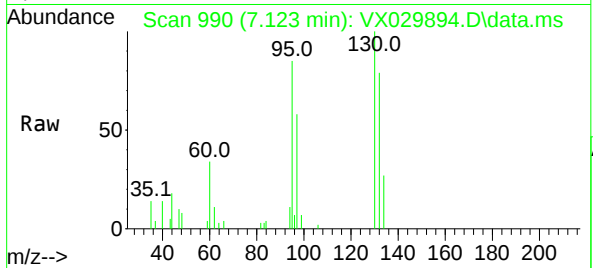




#44
 Trichloroethene
 Concen: 1.452 ug/l
 RT: 7.123 min Scan# 991
 Delta R.T. -0.006 min
 Lab File: VX029894.D
 Acq: 30 Jun 2022 05:13

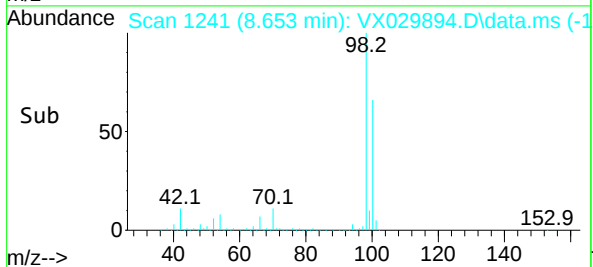
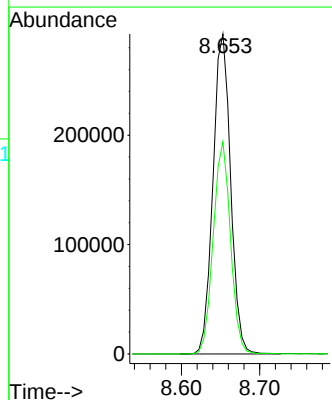
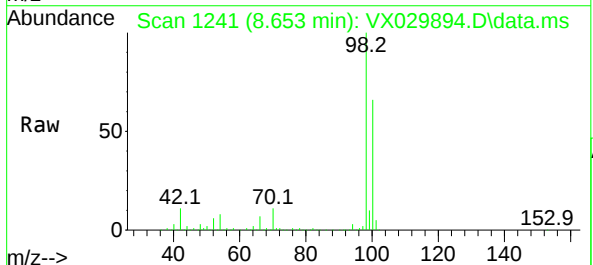
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-29

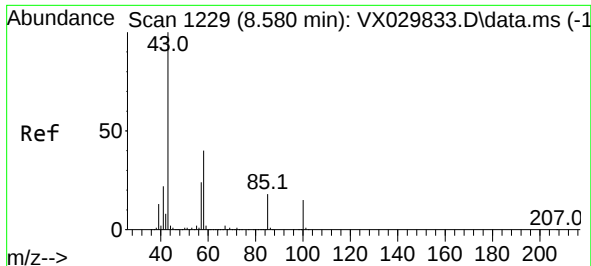
Tgt Ion:130 Resp: 4229
 Ion Ratio Lower Upper
 130 100
 95 85.5 0.0 194.8



#50
 Toluene-d8
 Concen: 48.412 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.000 min
 Lab File: VX029894.D
 Acq: 30 Jun 2022 05:13

Tgt Ion: 98 Resp: 456835
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 0.473 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX029894.D

Acq: 30 Jun 2022 05:13

Instrument :

MSVOA_X

ClientSampleId :

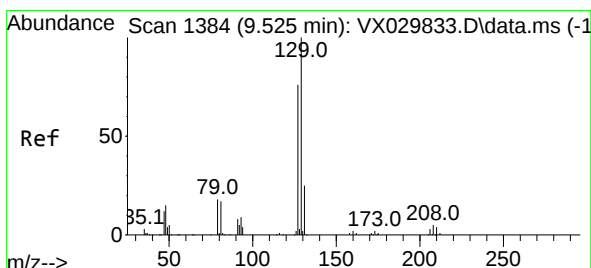
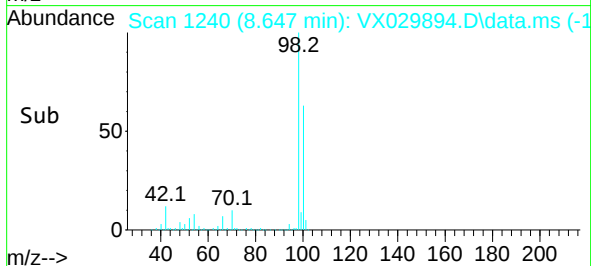
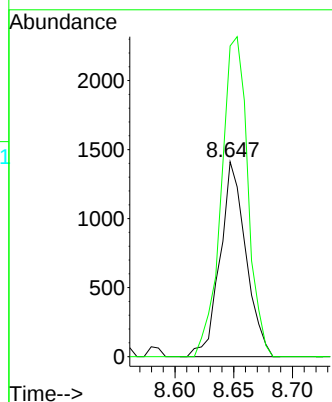
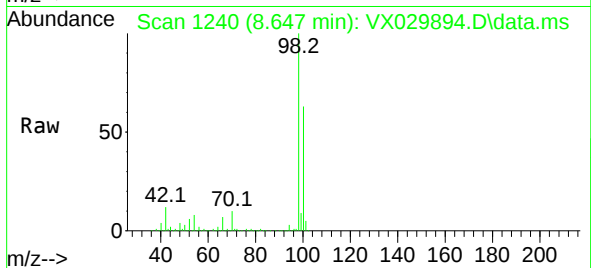
MW-29

Tgt Ion: 43 Resp: 2149

Ion Ratio Lower Upper

43 100

58 169.6 31.4 47.2#



#60

Dibromochloromethane

Concen: 7.555 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX029894.D

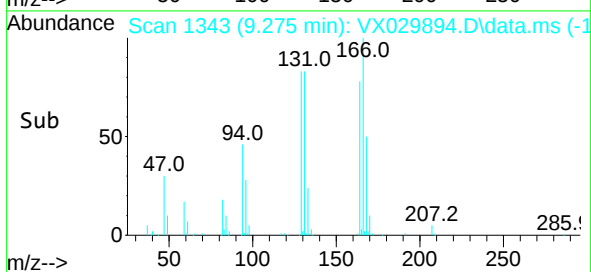
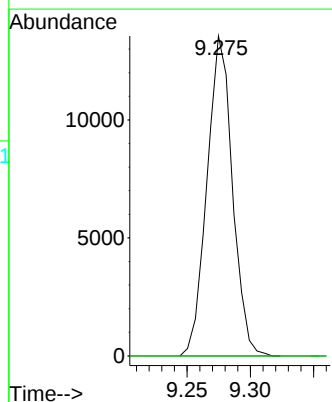
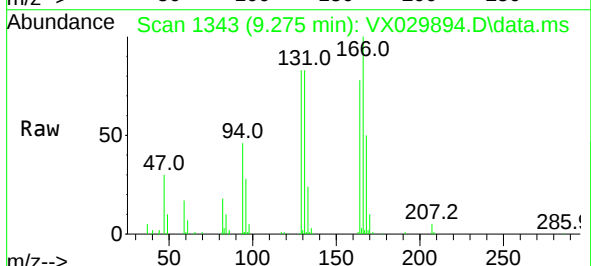
Acq: 30 Jun 2022 05:13

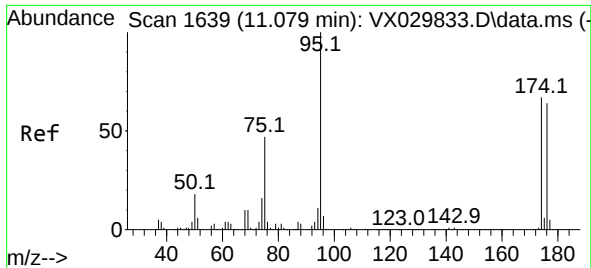
Tgt Ion: 129 Resp: 18983

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#

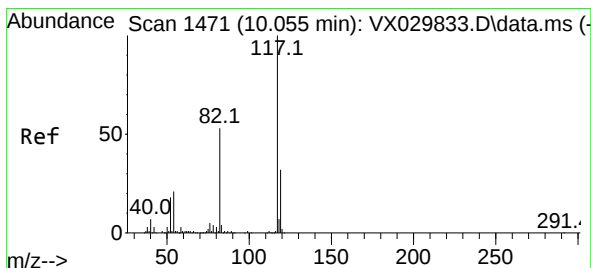
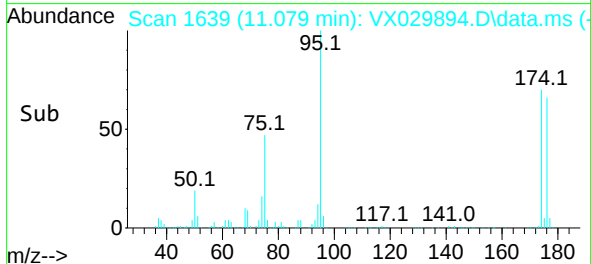
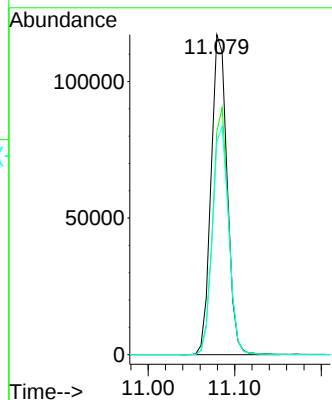
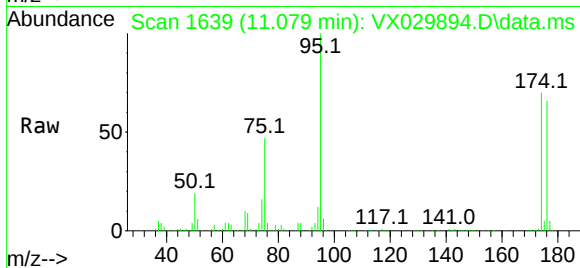




#62
4-Bromofluorobenzene
Concen: 45.294 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

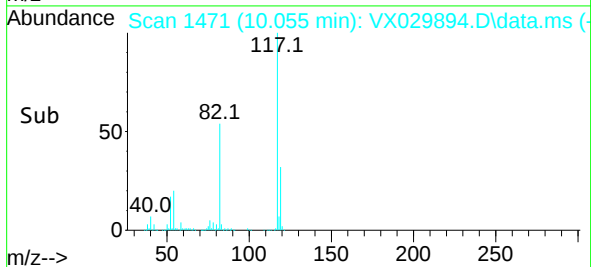
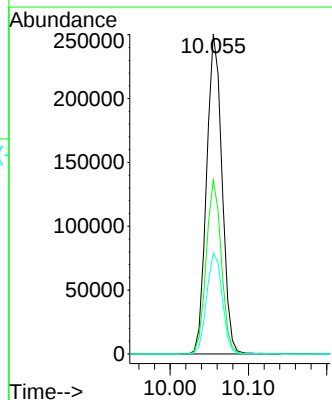
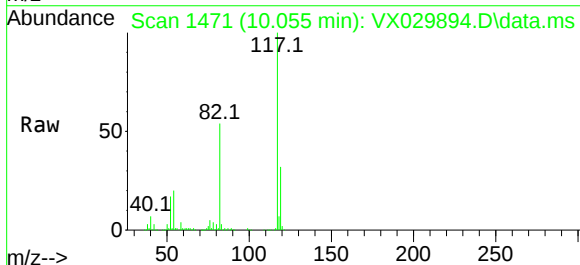
Instrument :
MSVOA_X
ClientSampleId :
MW-29

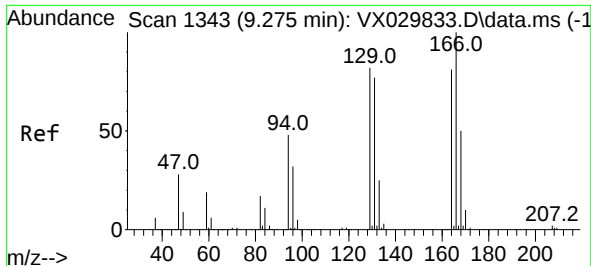
Tgt Ion: 95 Resp: 151085
Ion Ratio Lower Upper
95 100
174 75.7 0.0 149.0
176 72.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

Tgt Ion: 117 Resp: 342176
Ion Ratio Lower Upper
117 100
82 54.4 42.7 64.1
119 31.5 25.4 38.2

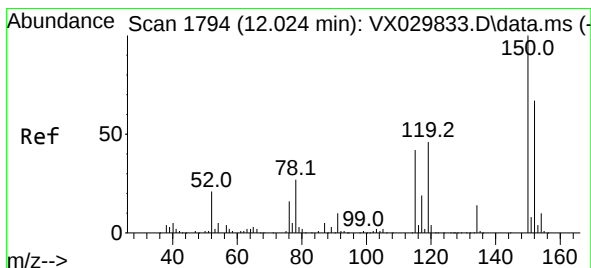
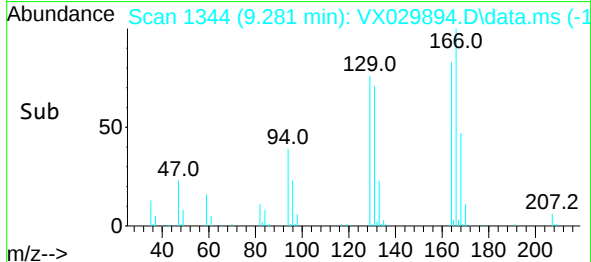
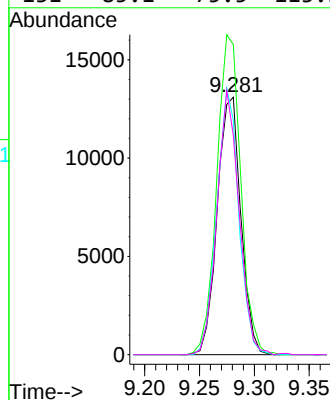
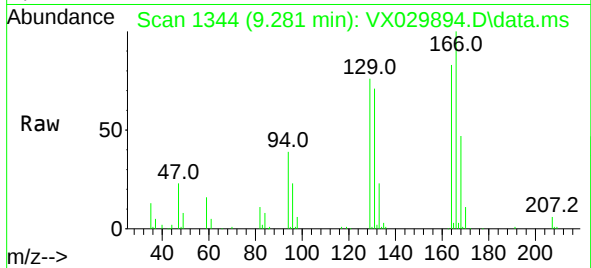




#64
Tetrachloroethene
Concen: 9.504 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

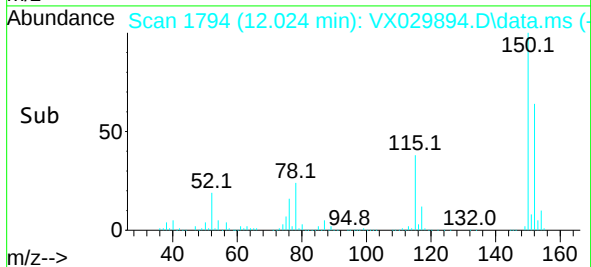
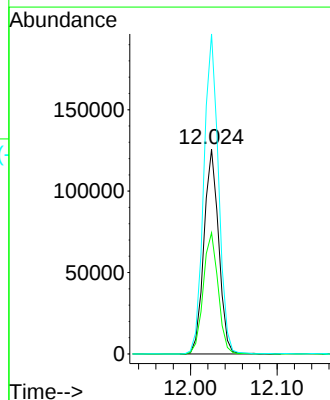
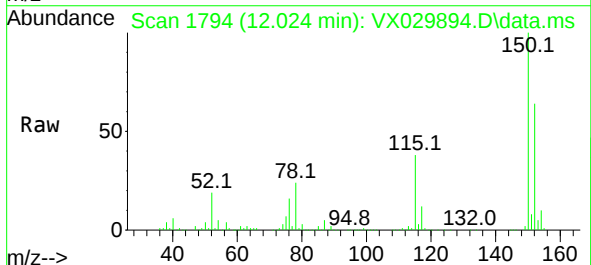
Instrument :
MSVOA_X
ClientSampleId :
MW-29

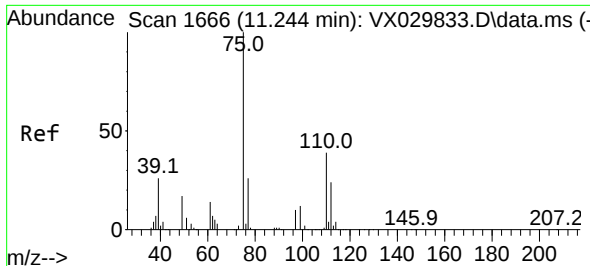
Tgt Ion:164 Resp: 19615
Ion Ratio Lower Upper
164 100
166 120.4 98.2 147.4
129 91.0 80.8 121.2
131 85.1 75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

Tgt Ion:152 Resp: 148473
Ion Ratio Lower Upper
152 100
115 59.5 40.5 121.5
150 156.1 0.0 347.0

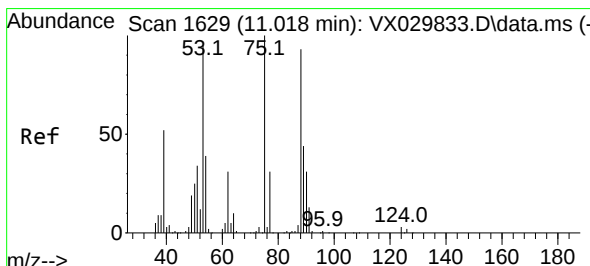
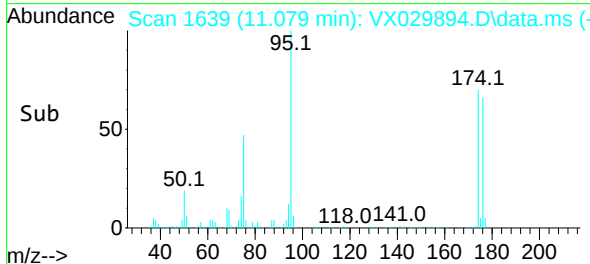
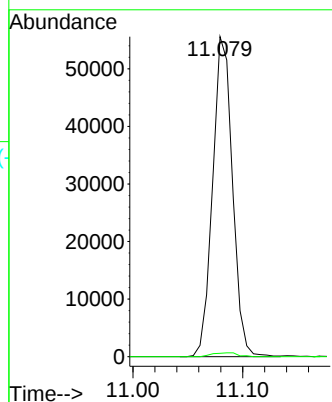
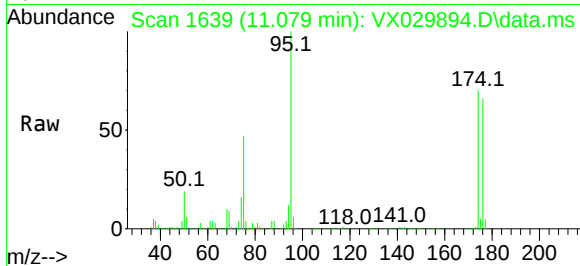




#76
1,2,3-Trichloropropane
Concen: 19.665 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

Instrument :
MSVOA_X
ClientSampleId :
MW-29

Tgt Ion: 75 Resp: 69893
Ion Ratio Lower Upper
75 100
77 1.5 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.450 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

Tgt Ion: 75 Resp: 69893
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

