

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029887.D
 Acq On : 30 Jun 2022 02:30
 Operator : JC/MD
 Sample : N3481-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20

Quant Time: Jun 30 06:27:17 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)

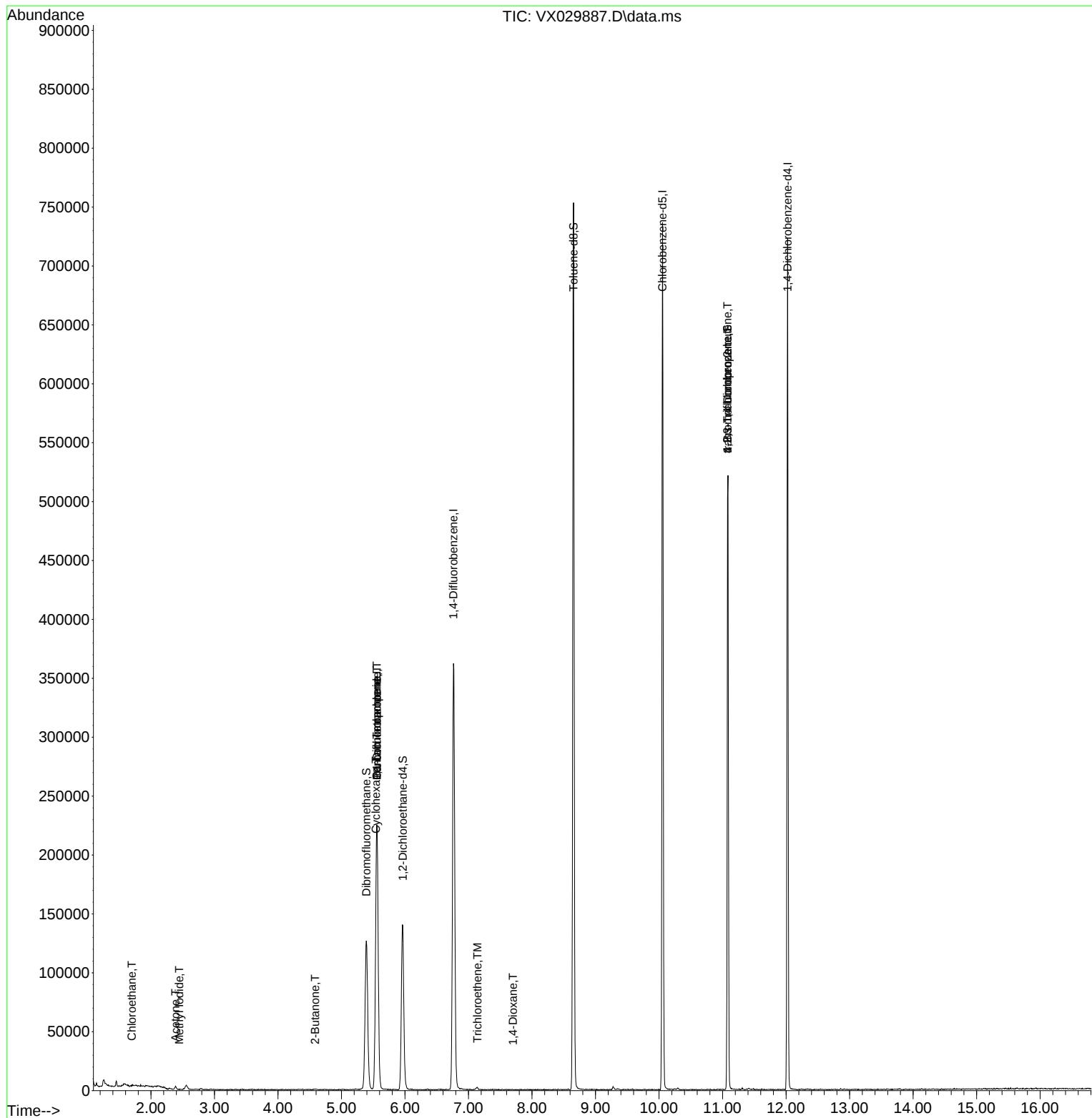
Internal Standards						
1) Pentafluorobenzene	5.556	168	229860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	395413	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	340498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	124037	42.630	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.260%
35) Dibromofluoromethane	5.391	113	113674	46.001	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.000%
50) Toluene-d8	8.653	98	449920	48.533	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.060%
62) 4-Bromofluorobenzene	11.079	95	148871	45.430	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.860%
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	480	1.285	ug/l #	72
10) Methyl Iodide	2.447	142	31	1.883	ug/l #	62
13) Acrolein	2.245	56	37	Below Cal	#	14
16) Acetone	2.386	43	2457	1.726	ug/l	92
25) 2-Butanone	4.586	43	512	0.207	ug/l #	48
31) Cyclohexane	5.544	56	4747	1.170	ug/l #	33
36) 1,1-Dichloropropene	5.556	75	17116	5.208	ug/l #	48
38) Carbon Tetrachloride	5.556	117	20996	7.373	ug/l #	18
44) Trichloroethene	7.141	130	815	0.285	ug/l	85
49) 1,4-Dioxane	7.702	88	28	0.368	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	69778	20.007	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	69778	63.537	ug/l #	13

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

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MW-20

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Quant Title : SW846 8260
QLast Update : Wed Jun 29 05:54:51 2022
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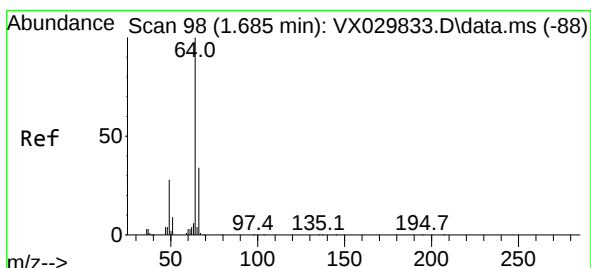
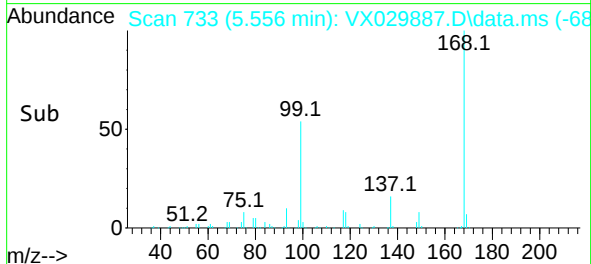
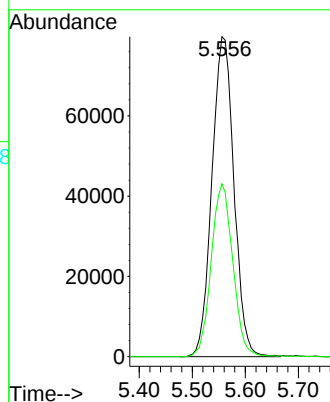
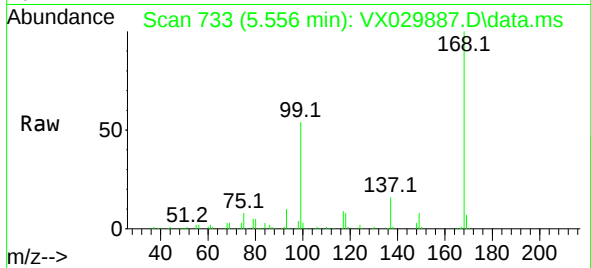




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029887.D
Acq: 30 Jun 2022 02:30

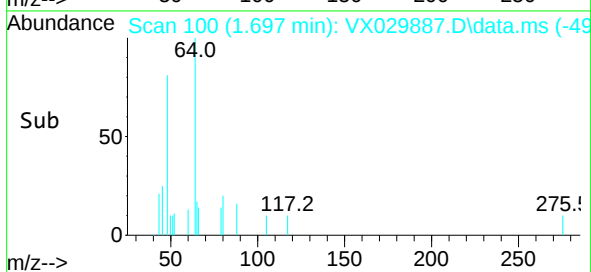
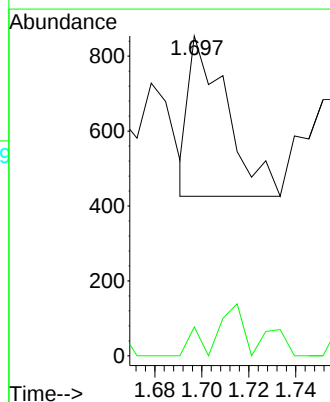
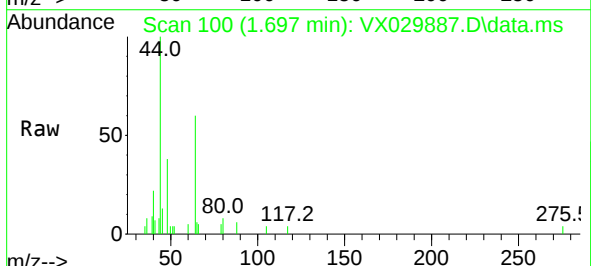
Instrument :
MSVOA_X
ClientSampleId :
MW-20

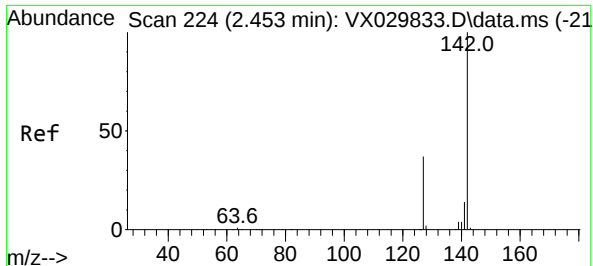
Tgt Ion:168 Resp: 229860
Ion Ratio Lower Upper
168 100
99 54.0 44.0 66.0



#6
Chloroethane
Concen: 1.285 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX029887.D
Acq: 30 Jun 2022 02:30

Tgt Ion: 64 Resp: 480
Ion Ratio Lower Upper
64 100
66 18.0 27.2 40.8#

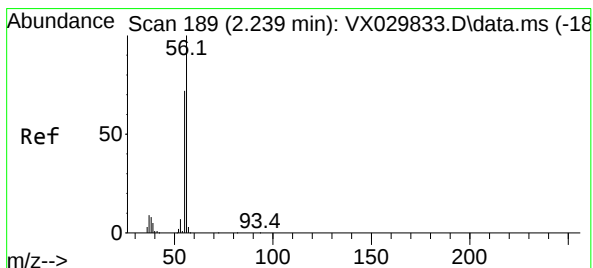
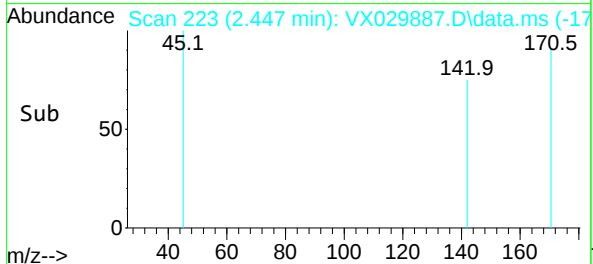
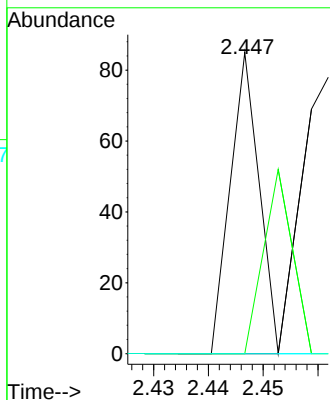
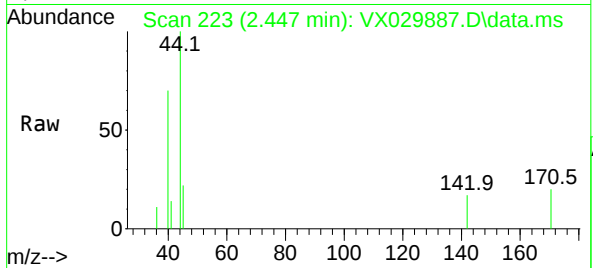




#10
Methyl Iodide
Concen: 1.883 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX029887.D
Acq: 30 Jun 2022 02:30

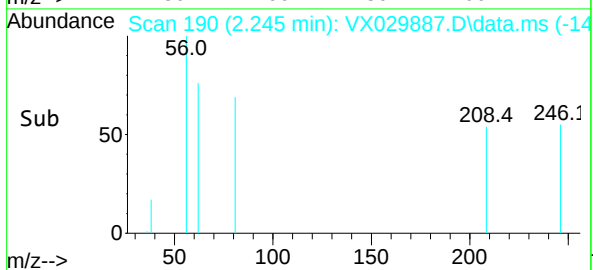
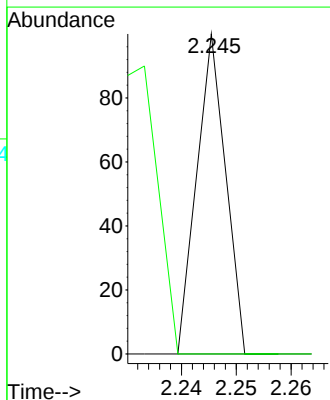
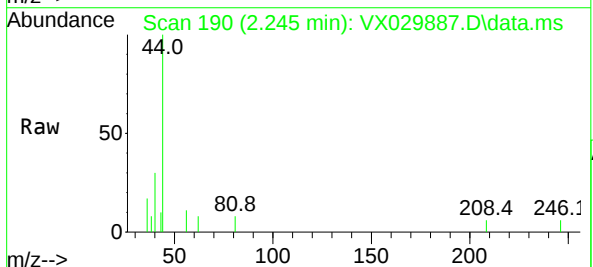
Instrument :
MSVOA_X
ClientSampleId :
MW-20

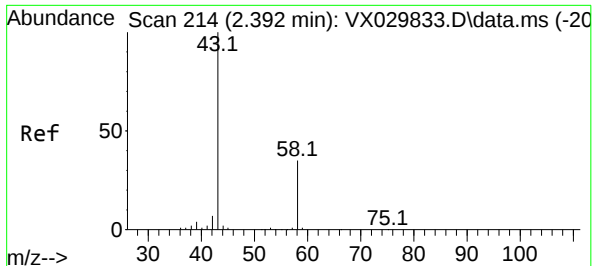
Tgt Ion:142 Resp: 31
Ion Ratio Lower Upper
142 100
127 61.3 30.2 45.2#
141 0.0 11.3 16.9#



#13
Acrolein
Concen: Below Cal
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX029887.D
Acq: 30 Jun 2022 02:30

Tgt Ion: 56 Resp: 37
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#

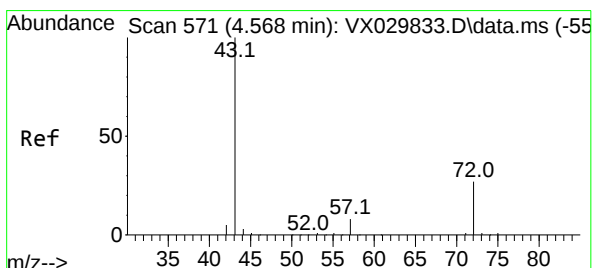
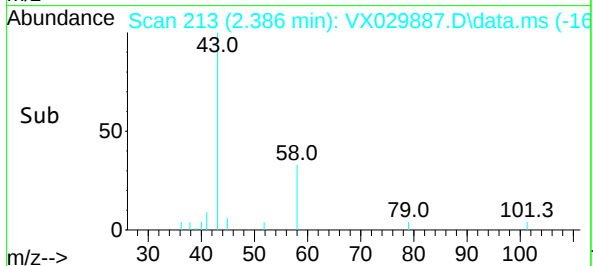
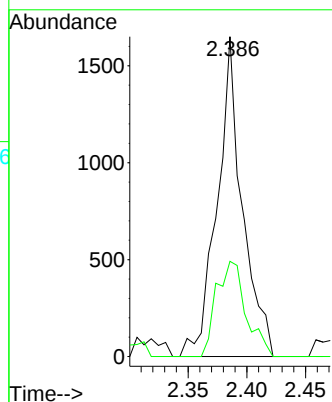
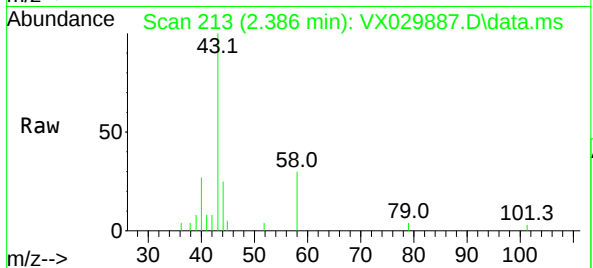




#16
Acetone
Concen: 1.726 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX029887.D
Acq: 30 Jun 2022 02:30

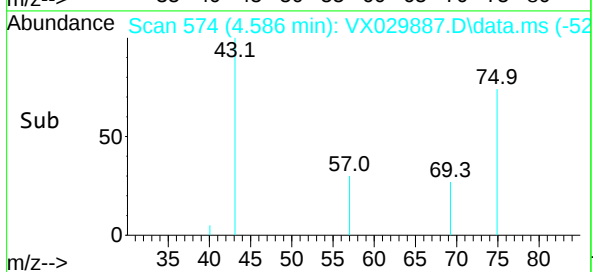
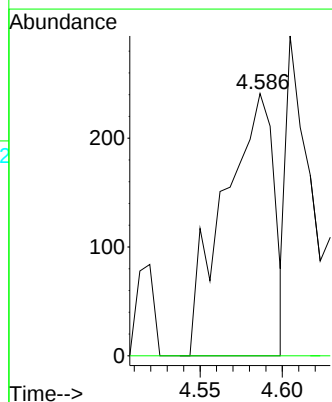
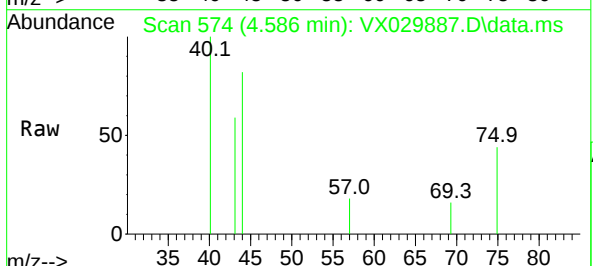
Instrument :
MSVOA_X
ClientSampleId :
MW-20

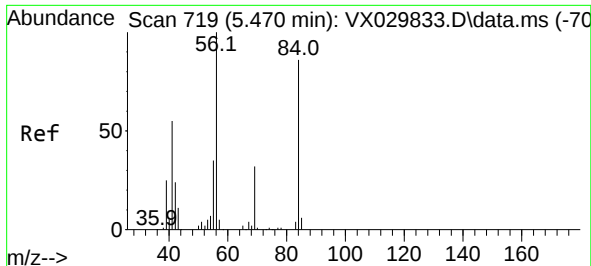
Tgt Ion: 43 Resp: 2457
Ion Ratio Lower Upper
43 100
58 29.8 27.7 41.5



#25
2-Butanone
Concen: 0.207 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX029887.D
Acq: 30 Jun 2022 02:30

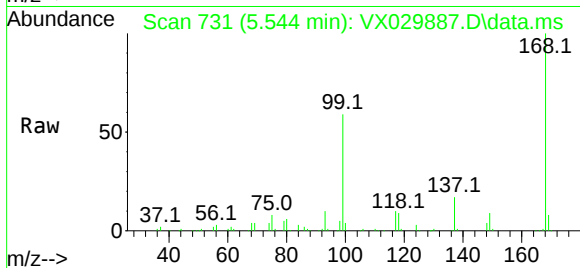
Tgt Ion: 43 Resp: 512
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



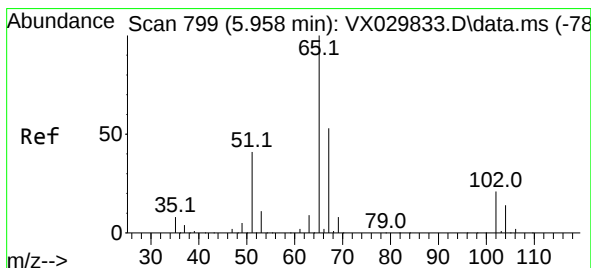
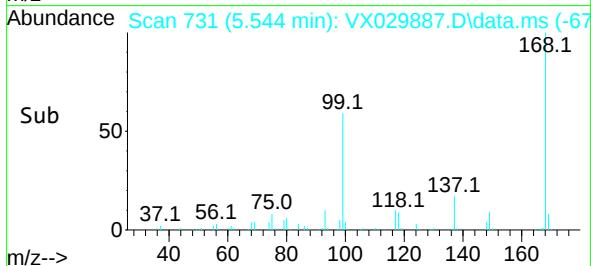
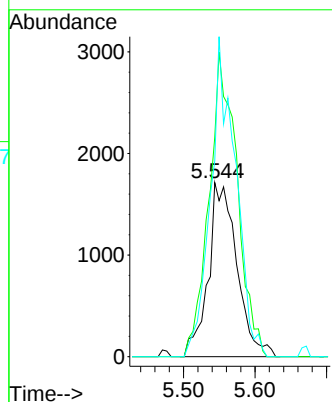


#31
Cyclohexane
Concen: 1.170 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX029887.D
Acq: 30 Jun 2022 02:30

Instrument :
MSVOA_X
ClientSampleId :
MW-20

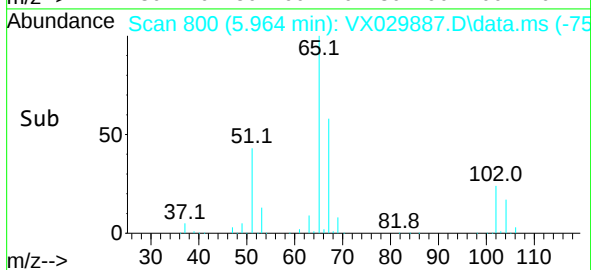
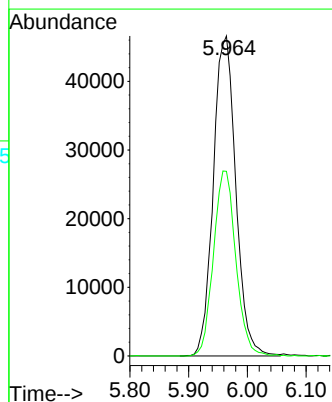
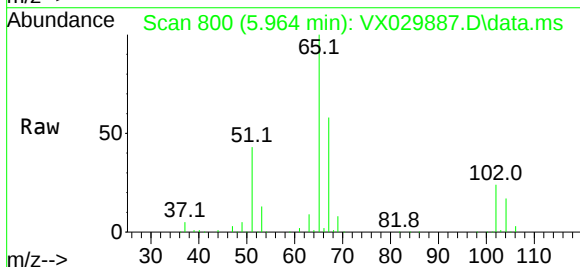


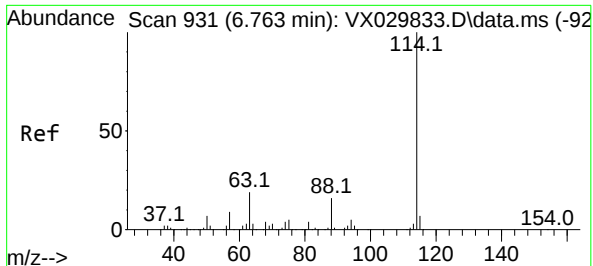
Tgt Ion: 56 Resp: 4747
Ion Ratio Lower Upper
56 100
69 126.0 25.4 38.0#
84 112.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 42.630 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029887.D
Acq: 30 Jun 2022 02:30

Tgt Ion: 65 Resp: 124037
Ion Ratio Lower Upper
65 100
67 57.5 0.0 109.6

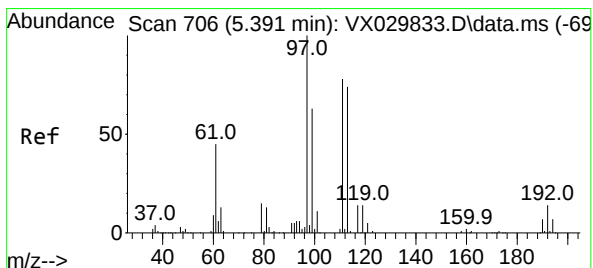
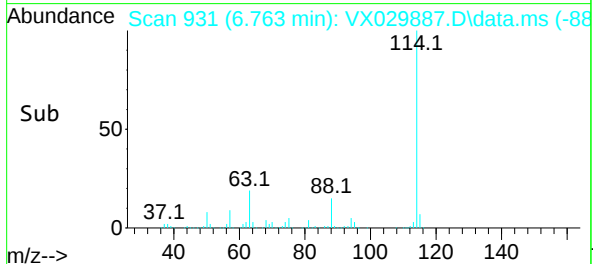
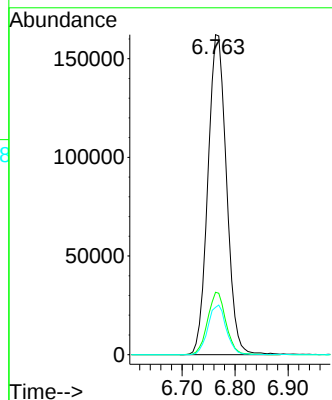
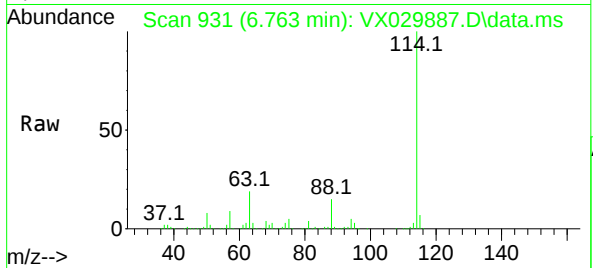




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029887.D
Acq: 30 Jun 2022 02:30

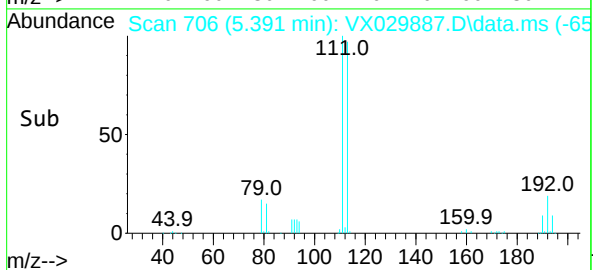
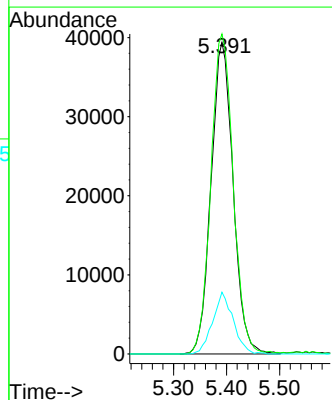
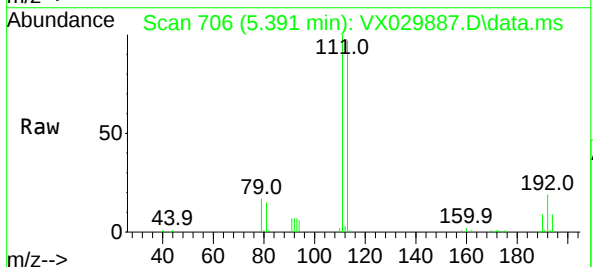
Instrument :
MSVOA_X
ClientSampleId :
MW-20

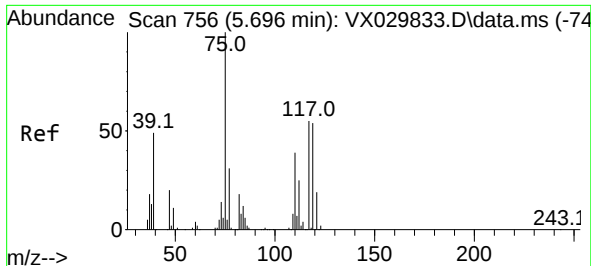
Tgt Ion:114 Resp: 395413
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.4
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.001 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029887.D
Acq: 30 Jun 2022 02:30

Tgt Ion:113 Resp: 113674
Ion Ratio Lower Upper
113 100
111 103.9 83.2 124.8
192 18.5 14.8 22.2

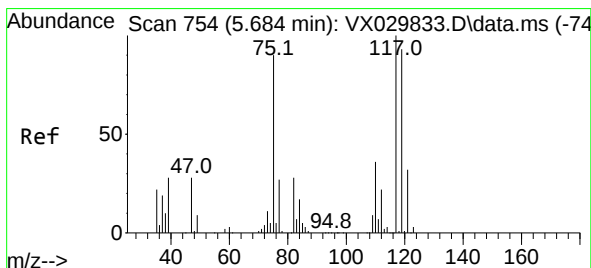
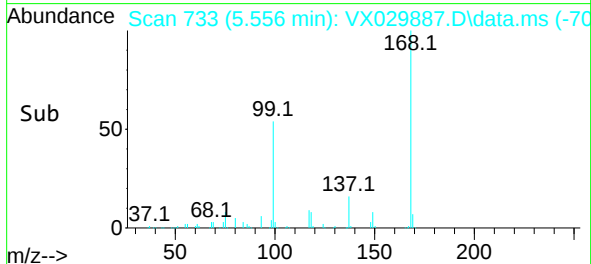
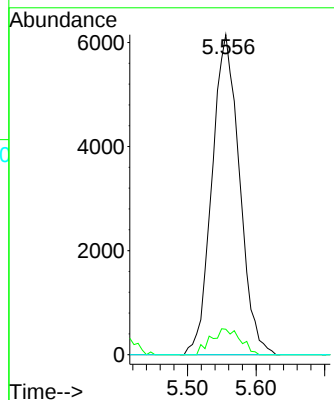
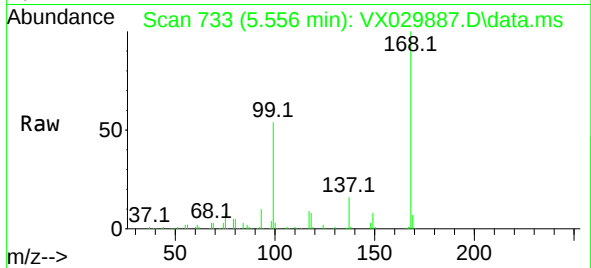




#36
1,1-Dichloropropene
Concen: 5.208 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX029887.D
Acq: 30 Jun 2022 02:30

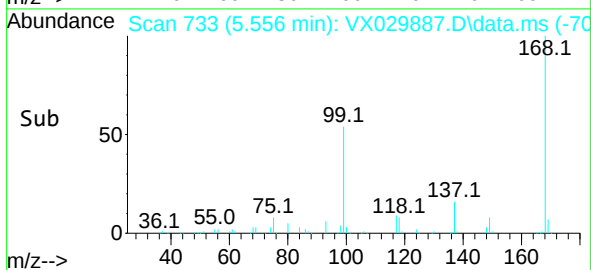
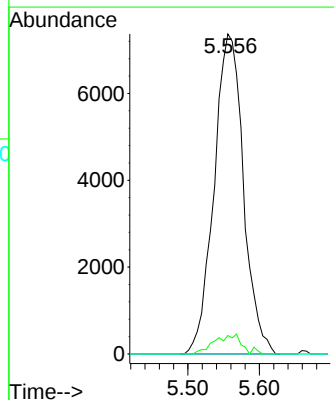
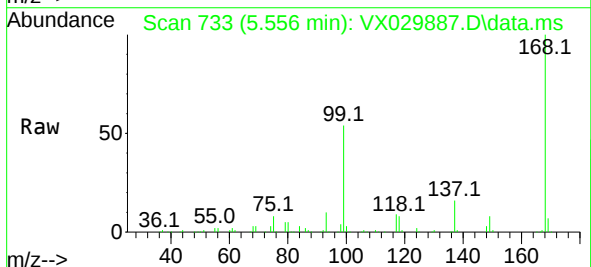
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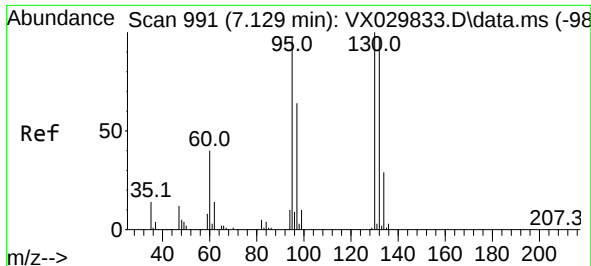
Tgt Ion: 75 Resp: 17116
Ion Ratio Lower Upper
75 100
110 8.6 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.373 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029887.D
Acq: 30 Jun 2022 02:30

Tgt Ion: 117 Resp: 20996
Ion Ratio Lower Upper
117 100
119 5.7 74.1 111.1#
121 0.0 25.8 38.8#

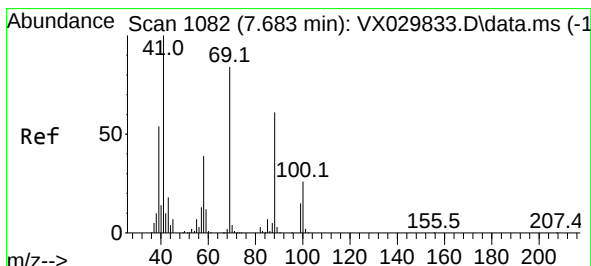
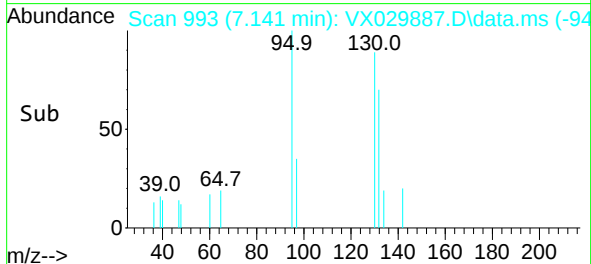
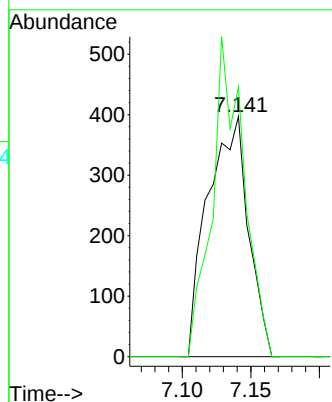
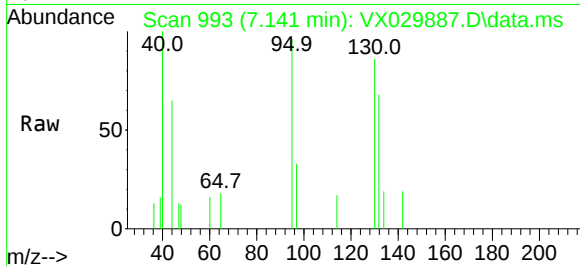




#44
Trichloroethene
Concen: 0.285 ug/l
RT: 7.141 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX029887.D
Acq: 30 Jun 2022 02:30

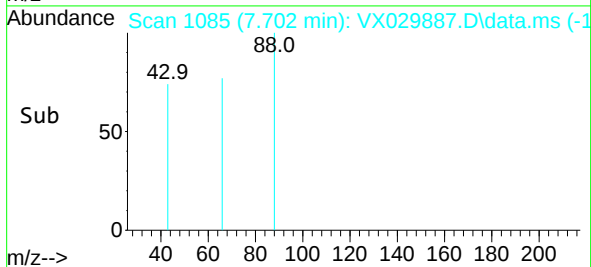
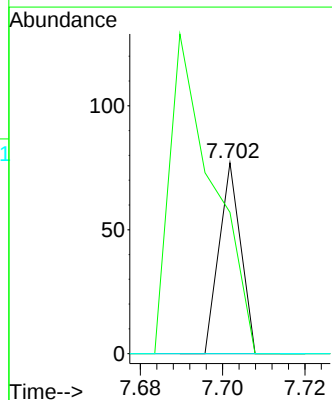
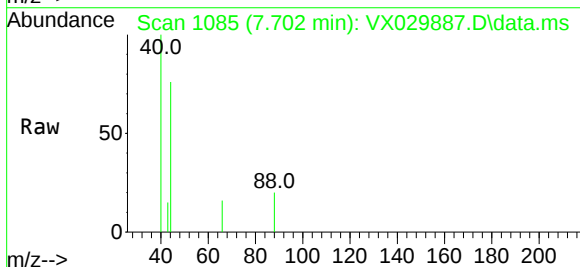
Instrument :
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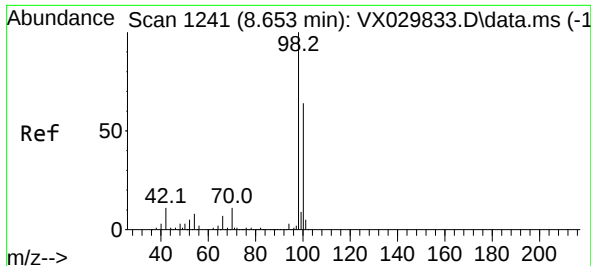
Tgt Ion:130 Resp: 815
Ion Ratio Lower Upper
130 100
95 112.3 0.0 194.8



#49
1,4-Dioxane
Concen: 0.368 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.018 min
Lab File: VX029887.D
Acq: 30 Jun 2022 02:30

Tgt Ion: 88 Resp: 28
Ion Ratio Lower Upper
88 100
43 339.3 23.8 35.8#
58 0.0 53.8 80.6#

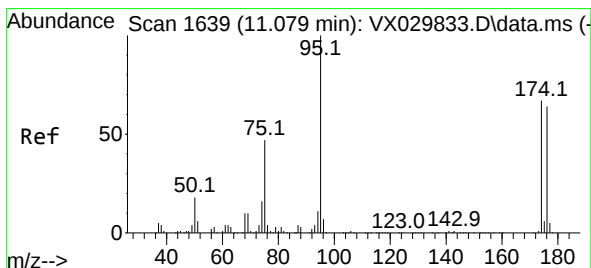
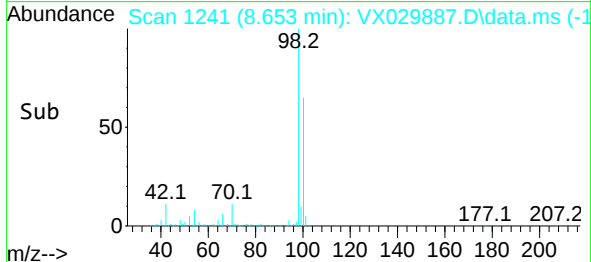
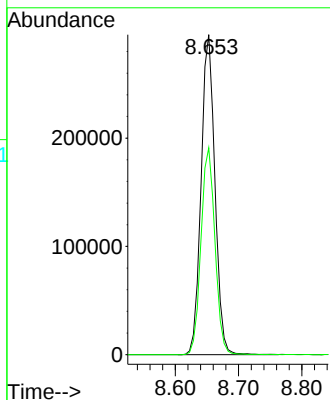
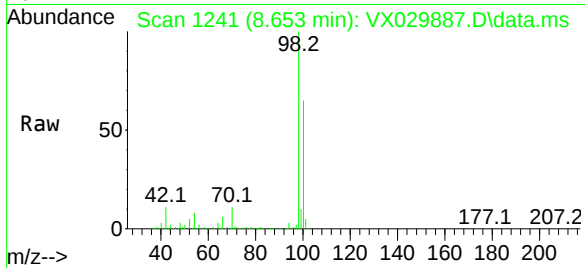




#50
Toluene-d8
Concen: 48.533 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029887.D
Acq: 30 Jun 2022 02:30

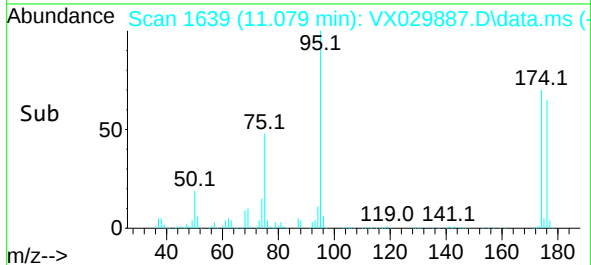
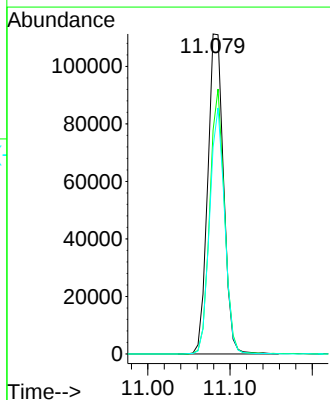
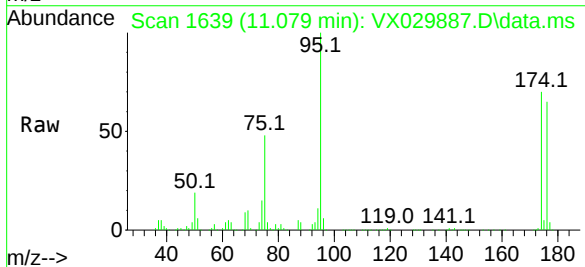
Instrument :
MSVOA_X
ClientSampleId :
MW-20

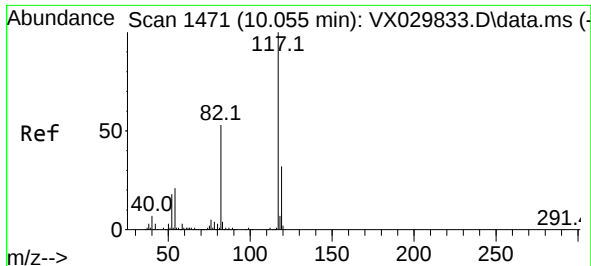
Tgt Ion: 98 Resp: 449920
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.430 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX029887.D
Acq: 30 Jun 2022 02:30

Tgt Ion: 95 Resp: 148871
Ion Ratio Lower Upper
95 100
174 76.8 0.0 149.0
176 72.8 0.0 146.0

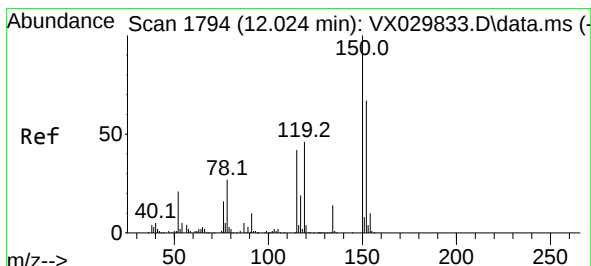
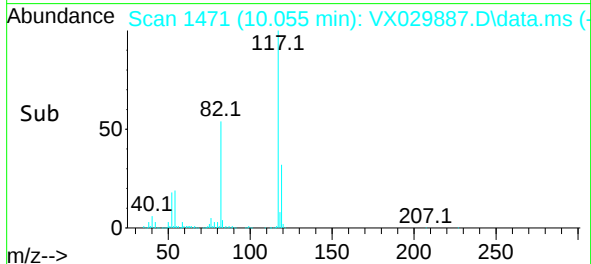
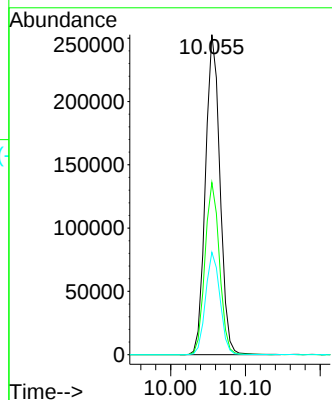
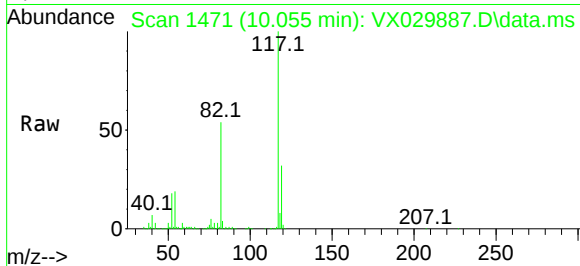




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029887.D
Acq: 30 Jun 2022 02:30

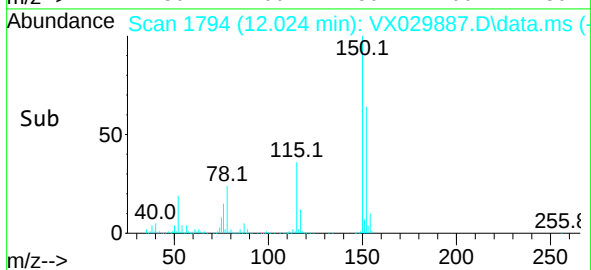
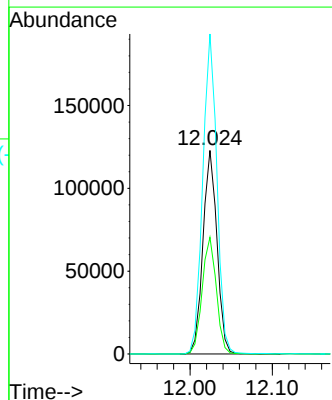
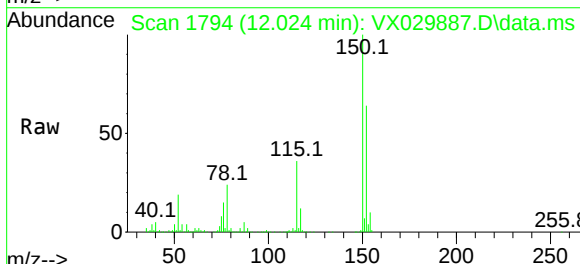
Instrument :
MSVOA_X
ClientSampleId :
MW-20

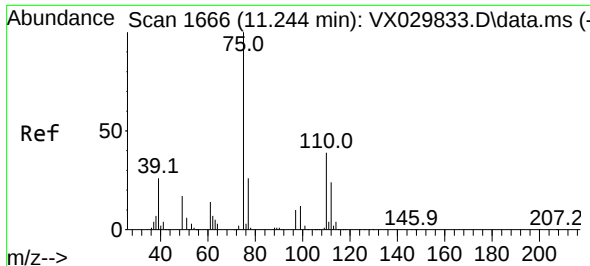
Tgt Ion:117 Resp: 340498
Ion Ratio Lower Upper
117 100
82 53.8 42.7 64.1
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029887.D
Acq: 30 Jun 2022 02:30

Tgt Ion:152 Resp: 145693
Ion Ratio Lower Upper
152 100
115 57.8 40.5 121.5
150 158.2 0.0 347.0

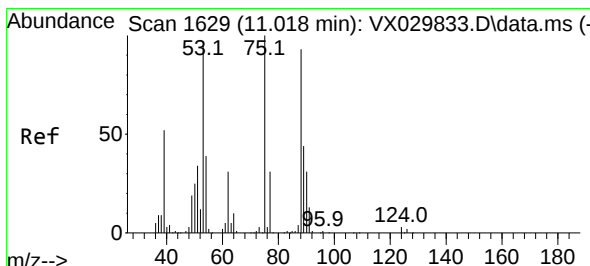
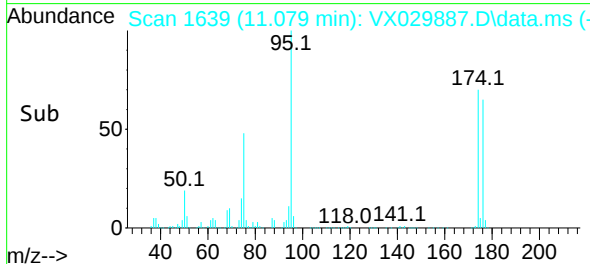
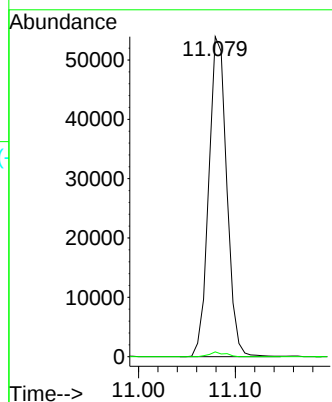
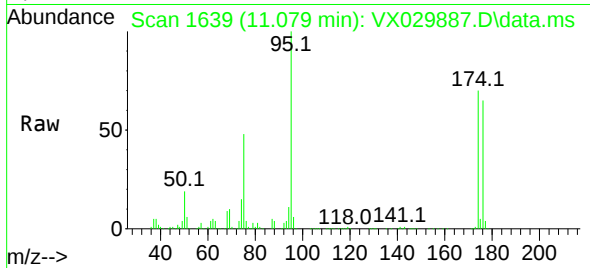




#76
1,2,3-Trichloropropane
Concen: 20.007 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029887.D
Acq: 30 Jun 2022 02:30

Instrument :
MSVOA_X
ClientSampleId :
MW-20

Tgt Ion: 75 Resp: 69778
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.537 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029887.D
Acq: 30 Jun 2022 02:30

Tgt Ion: 75 Resp: 69778
Ion Ratio Lower Upper
75 100
53 0.2 74.2 111.4#
89 0.0 34.8 52.2#

