

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029649.D
 Acq On : 21 Jun 2022 08:28
 Operator : JC/MD
 Sample : N3354-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-56

Quant Time: Jun 21 09:51:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

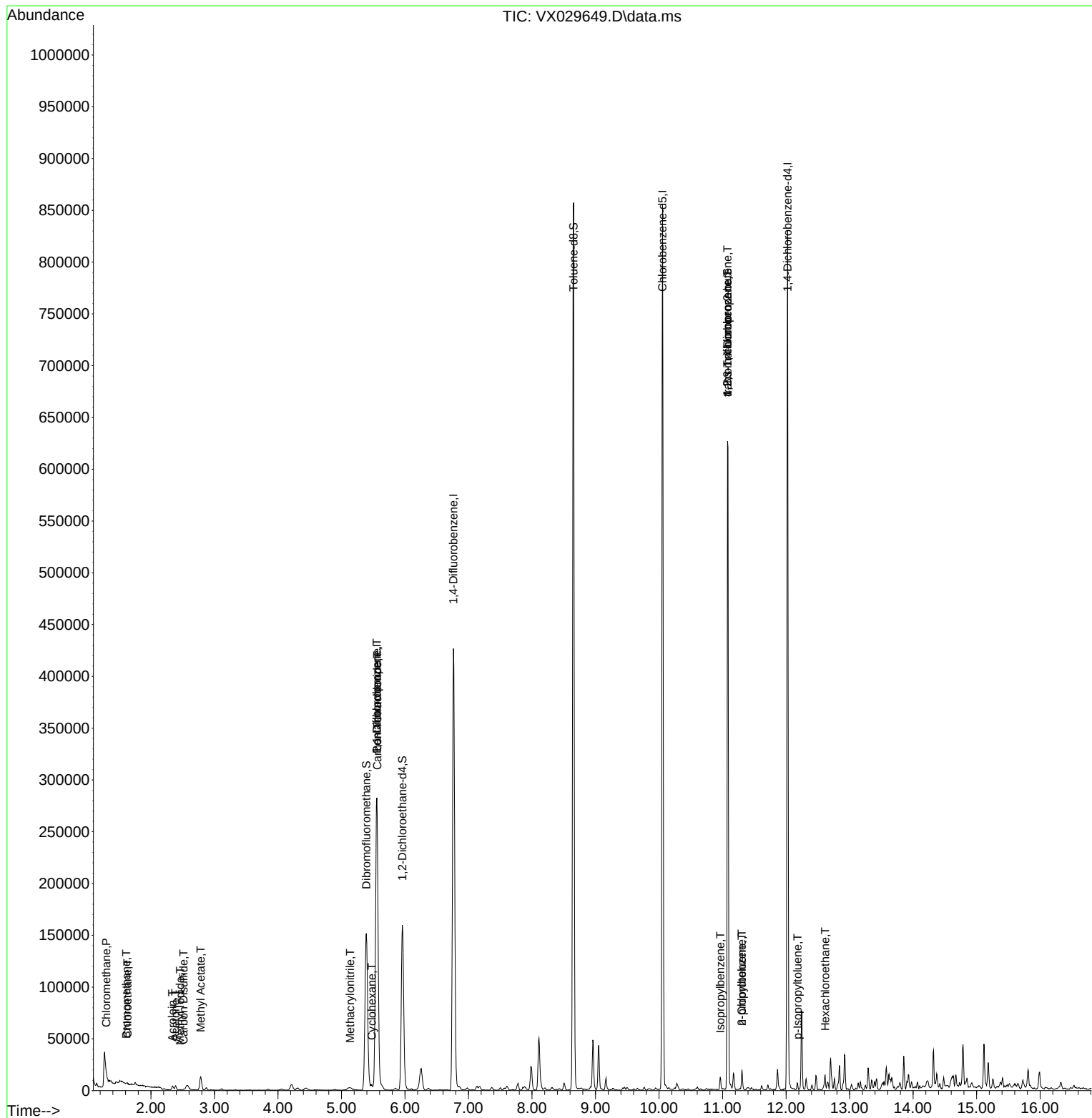
Internal Standards						
1) Pentafluorobenzene	5.556	168	271556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	462618	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	398115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153561	42.719	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.440%		
35) Dibromofluoromethane	5.391	113	136544	45.291	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.580%		
50) Toluene-d8	8.653	98	520137	47.226	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.460%		
62) 4-Bromofluorobenzene	11.079	95	188900	45.481	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.960%		
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	2689	0.759	ug/l #	81
5) Bromomethane	1.611	94	633	0.380	ug/l #	48
6) Chloroethane	1.630	64	964	1.660	ug/l #	50
10) Methyl Iodide	2.459	142	603	3.192	ug/l #	77
11) Tert butyl alcohol	2.995	59	44	Below Cal	#	72
13) Acrolein	2.337	56	695	3.510	ug/l #	54
16) Acetone	2.386	43	4721	3.295	ug/l	99
17) Carbon Disulfide	2.514	76	1837	0.258	ug/l #	75
18) Methyl Acetate	2.782	43	9247	2.441	ug/l #	46
31) Cyclohexane	5.476	56	2860	0.593	ug/l #	76
36) 1,1-Dichloropropene	5.556	75	20583	5.044	ug/l #	49
38) Carbon Tetrachloride	5.562	117	28571	7.120	ug/l #	15
41) Methacrylonitrile	5.135	41	665	0.302	ug/l #	27
44) Trichloroethene	7.135	130	1728	Below Cal		93
73) Isopropylbenzene	10.963	105	5740	0.439	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	89198	23.478	ug/l #	39
78) n-propylbenzene	11.305	91	10698	0.726	ug/l	98
79) 2-Chlorotoluene	11.305	91	10698	1.173	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	89198	78.105	ug/l #	15
86) p-Isopropyltoluene	12.183	119	2913	0.261	ug/l	89
90) Hexachloroethane	12.615	117	728	0.456	ug/l #	10

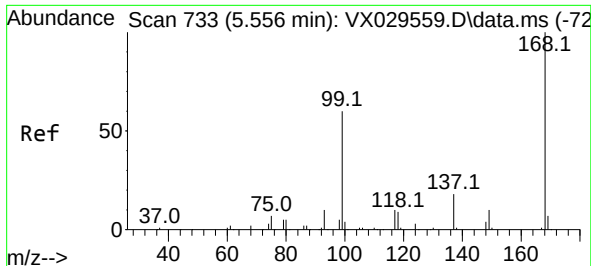
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

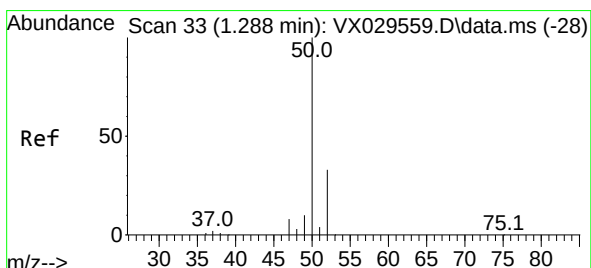
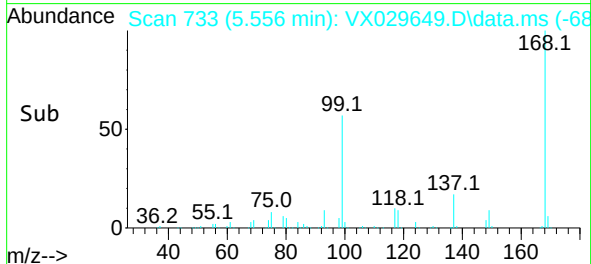
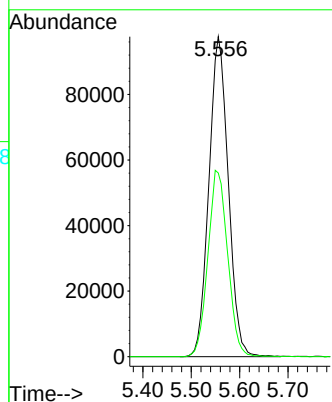
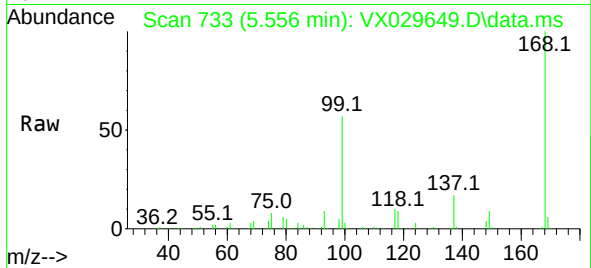




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

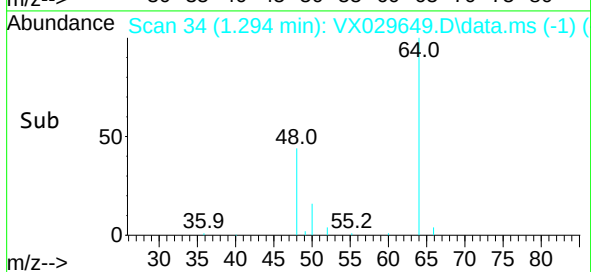
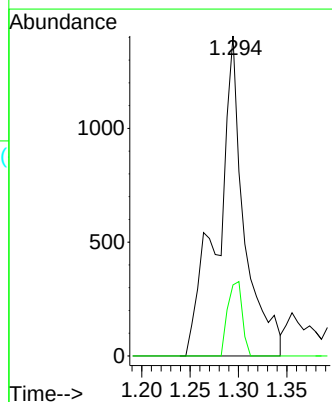
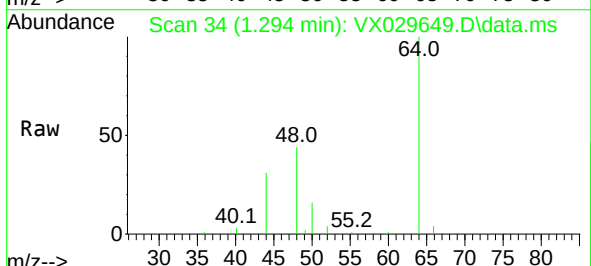
Instrument :
MSVOA_X
ClientSampleId :
MW-56

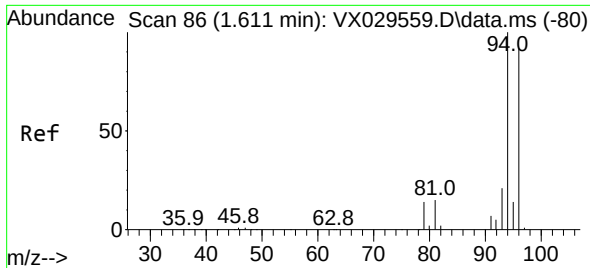
Tgt Ion:168 Resp: 271556
Ion Ratio Lower Upper
168 100
99 57.4 41.7 62.5



#3
Chloromethane
Concen: 0.759 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

Tgt Ion: 50 Resp: 2689
Ion Ratio Lower Upper
50 100
52 22.2 26.4 39.6#

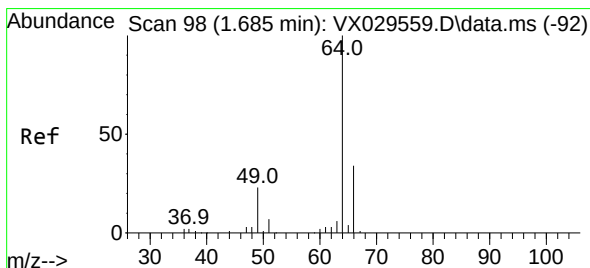
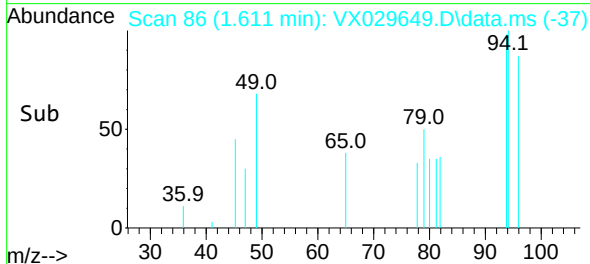
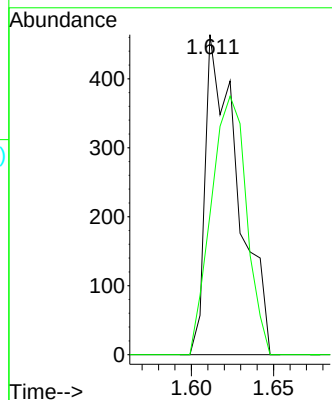
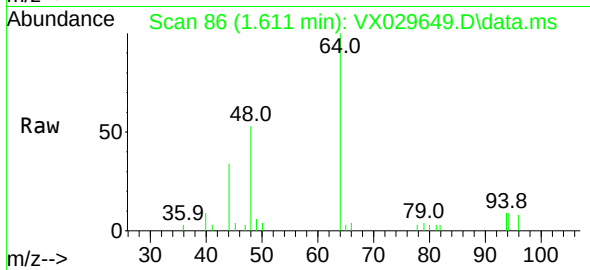




#5
Bromomethane
Concen: 0.380 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

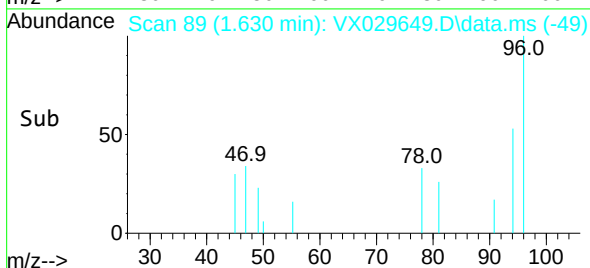
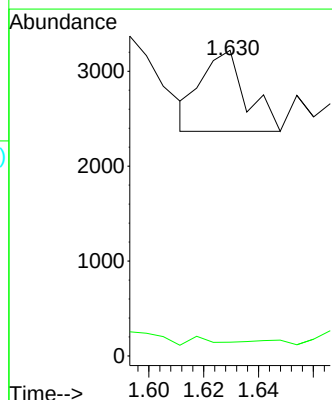
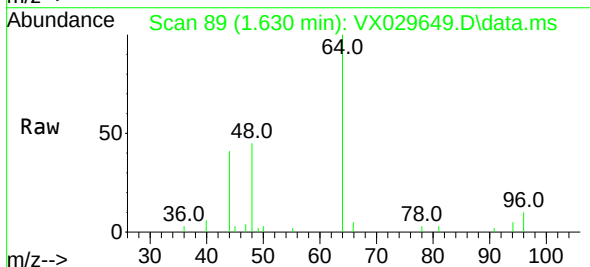
Instrument :
MSVOA_X
ClientSampleId :
MW-56

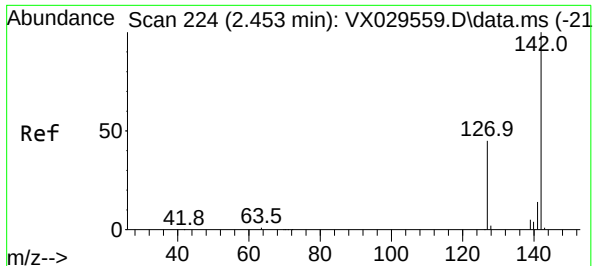
Tgt Ion: 94 Resp: 633
Ion Ratio Lower Upper
94 100
96 43.8 75.3 112.9#



#6
Chloroethane
Concen: 1.660 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.055 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

Tgt Ion: 64 Resp: 964
Ion Ratio Lower Upper
64 100
66 3.6 25.3 37.9#

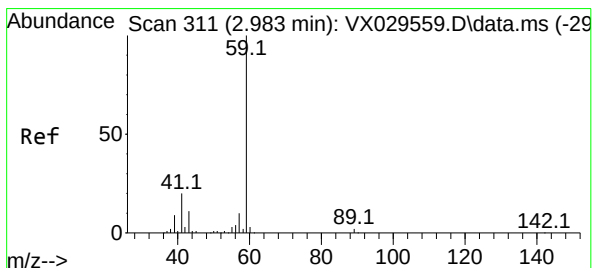
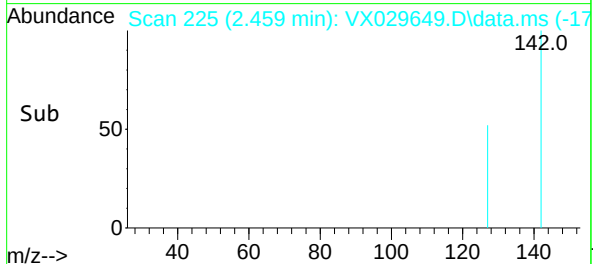
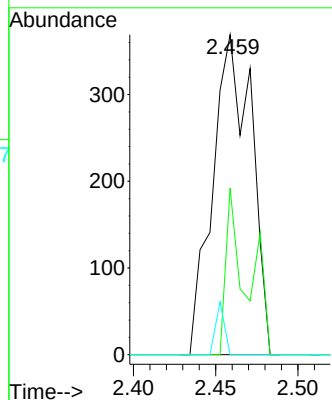
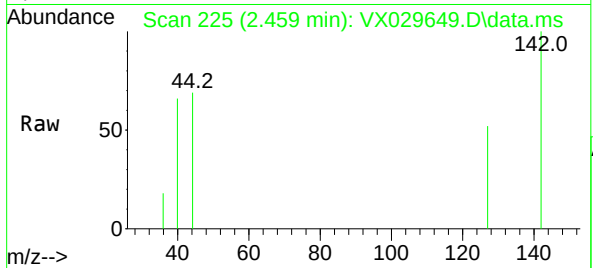




#10
Methyl Iodide
Concen: 3.192 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

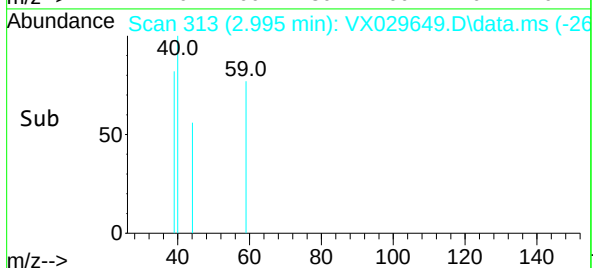
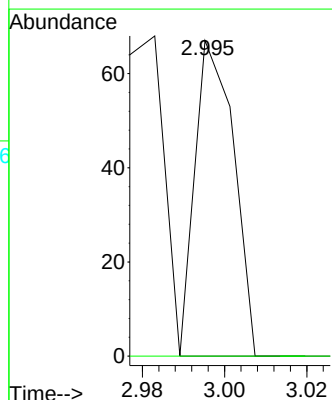
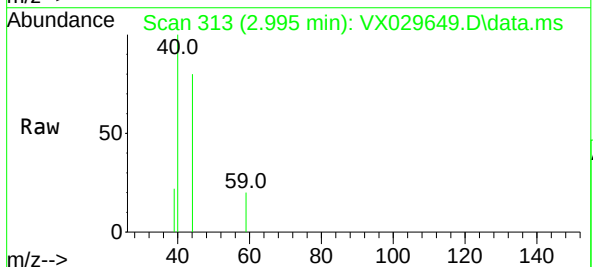
Instrument :
MSVOA_X
ClientSampleId :
MW-56

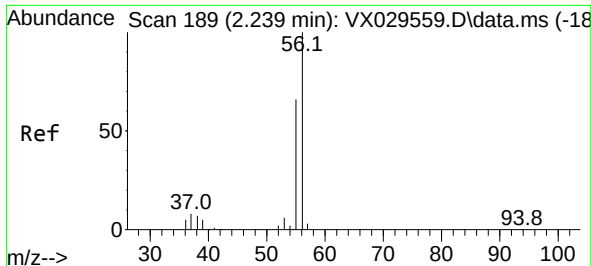
Tgt Ion:142 Resp: 603
Ion Ratio Lower Upper
142 100
127 28.5 33.9 50.9#
141 3.6 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.995 min Scan# 313
Delta R.T. 0.012 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

Tgt Ion: 59 Resp: 44
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 3.510 ug/l

RT: 2.337 min Scan# 205

Delta R.T. 0.098 min

Lab File: VX029649.D

Acq: 21 Jun 2022 08:28

Instrument :

MSVOA_X

ClientSampleId :

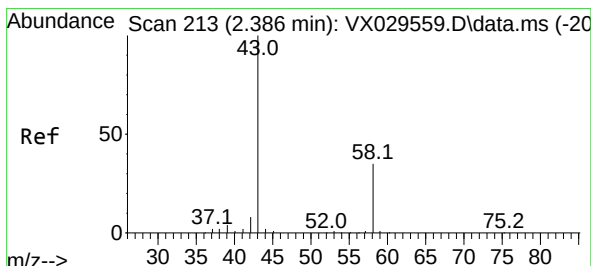
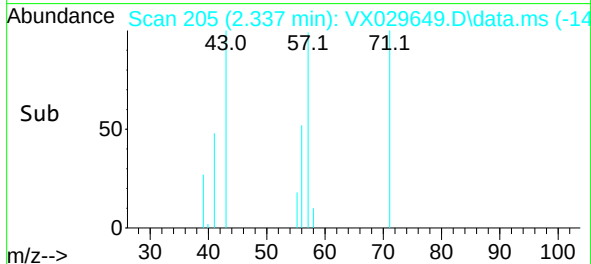
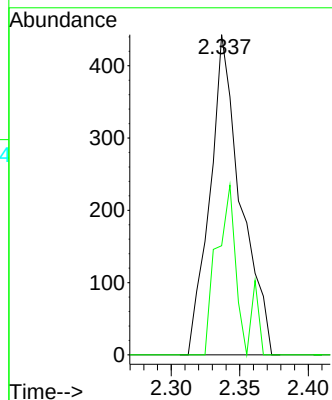
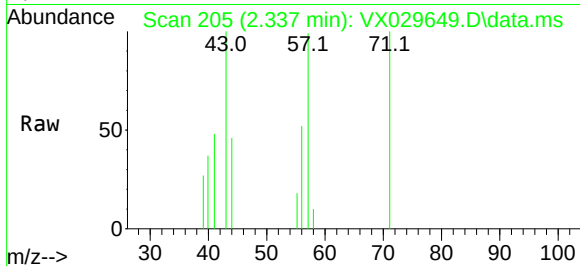
MW-56

Tgt Ion: 56 Resp: 695

Ion Ratio Lower Upper

56 100

55 31.8 55.0 82.6#



#16

Acetone

Concen: 3.295 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX029649.D

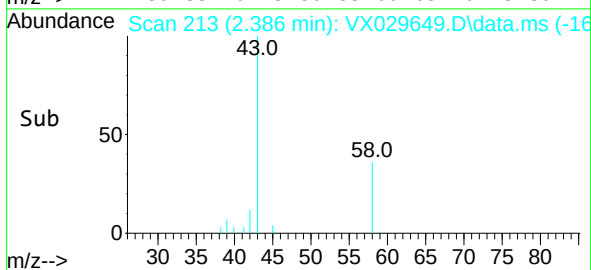
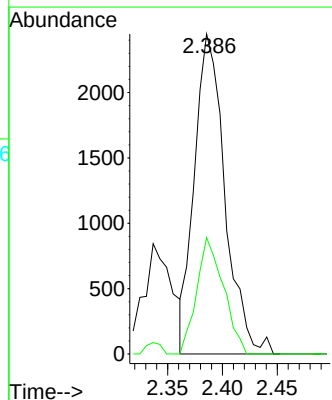
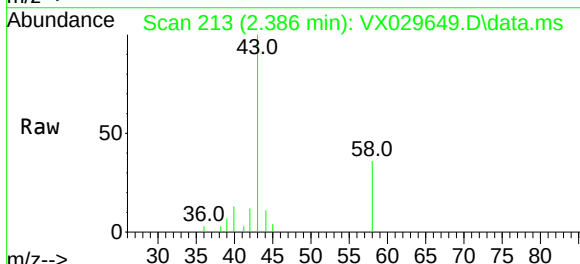
Acq: 21 Jun 2022 08:28

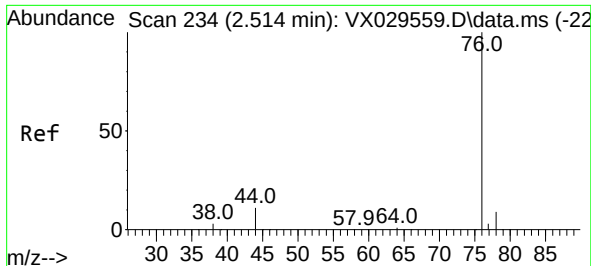
Tgt Ion: 43 Resp: 4721

Ion Ratio Lower Upper

43 100

58 36.4 28.8 43.2





#17

Carbon Disulfide

Concen: 0.258 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX029649.D

Acq: 21 Jun 2022 08:28

Instrument :

MSVOA_X

ClientSampleId :

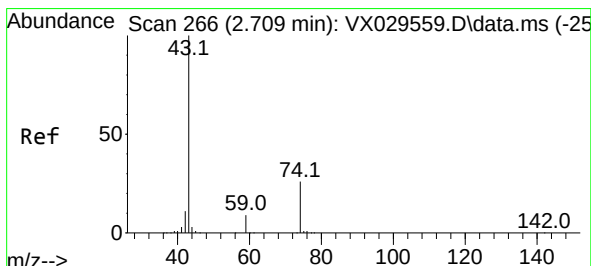
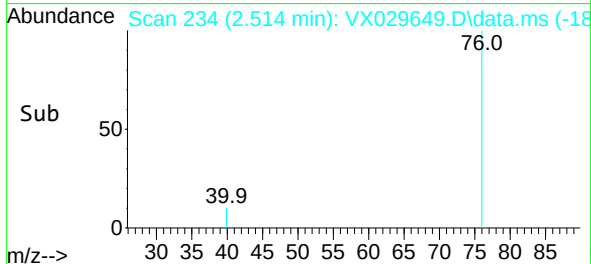
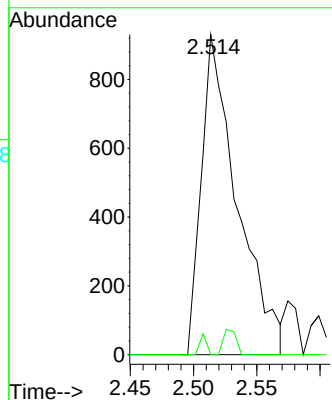
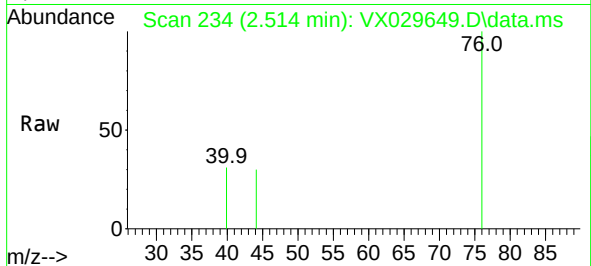
MW-56

Tgt Ion: 76 Resp: 1837

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#18

Methyl Acetate

Concen: 2.441 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.073 min

Lab File: VX029649.D

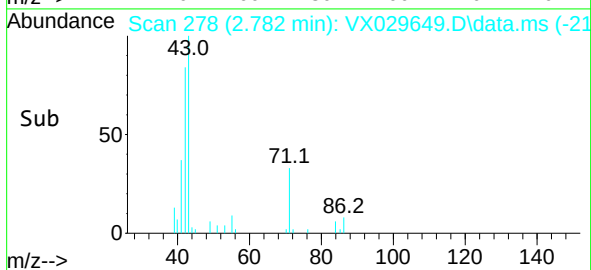
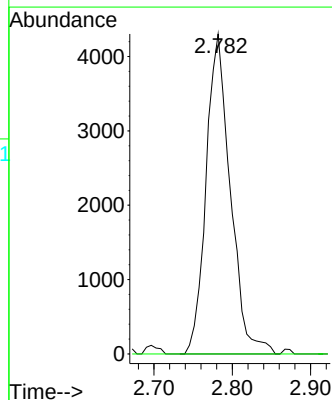
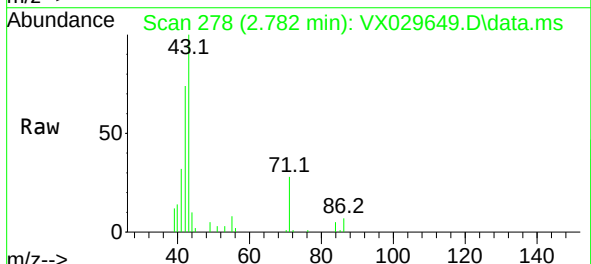
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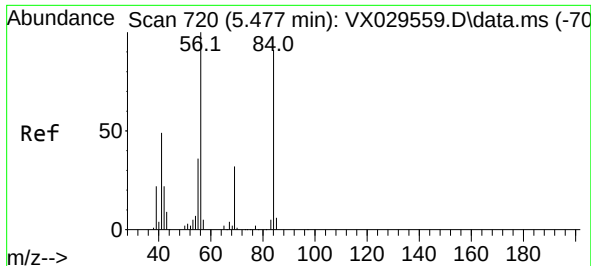
Tgt Ion: 43 Resp: 9247

Ion Ratio Lower Upper

43 100

74 0.0 22.8 34.2#

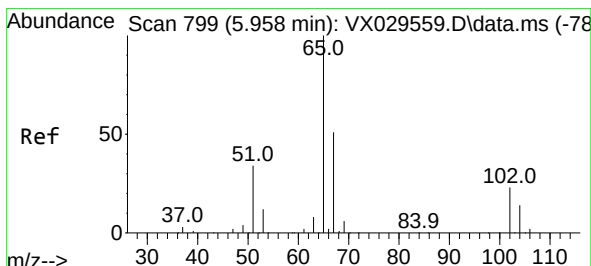
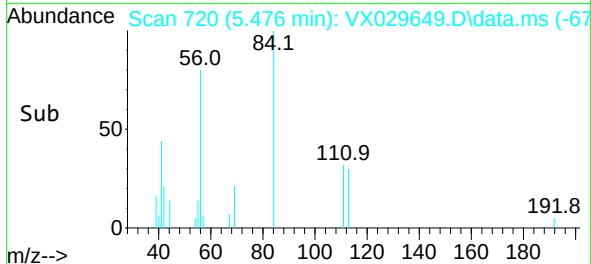
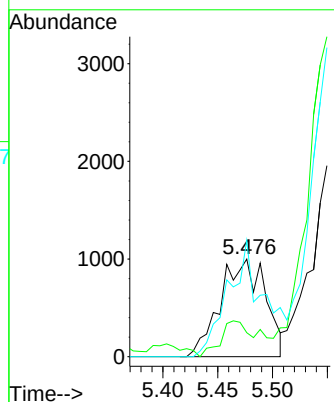
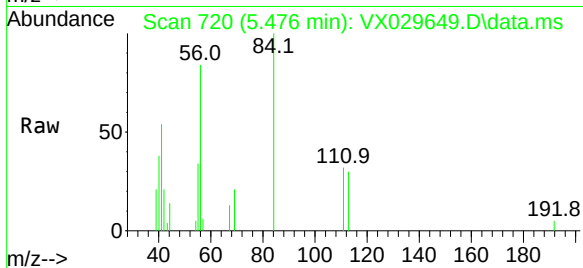




#31
Cyclohexane
Concen: 0.593 ug/l
RT: 5.476 min Scan# 720
Delta R.T. -0.001 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

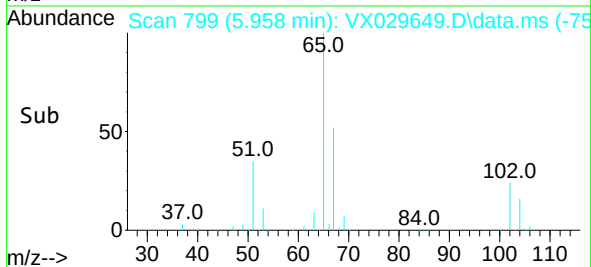
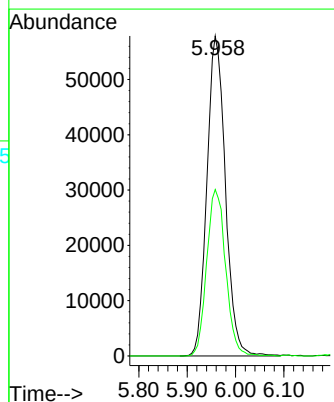
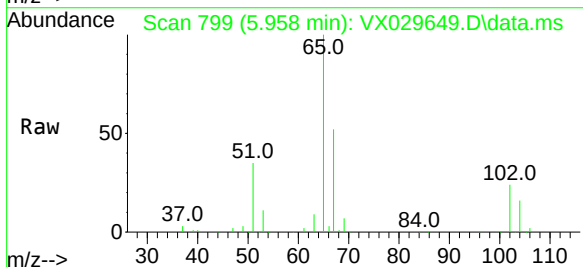
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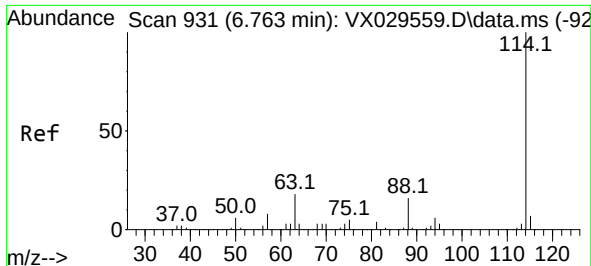
Tgt Ion: 56 Resp: 2860
Ion Ratio Lower Upper
56 100
69 18.0 26.7 40.1#
84 119.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 42.719 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

Tgt Ion: 65 Resp: 153561
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.4

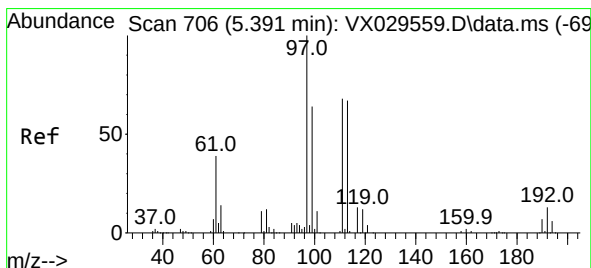
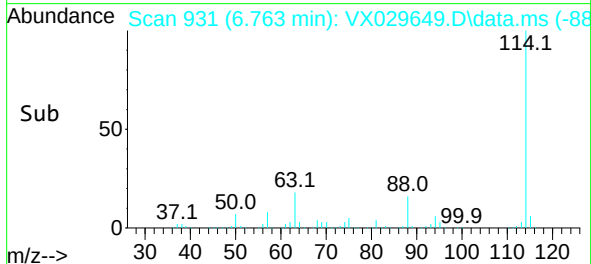
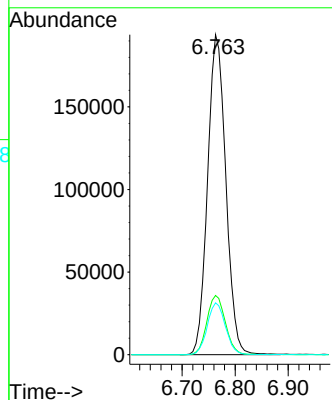
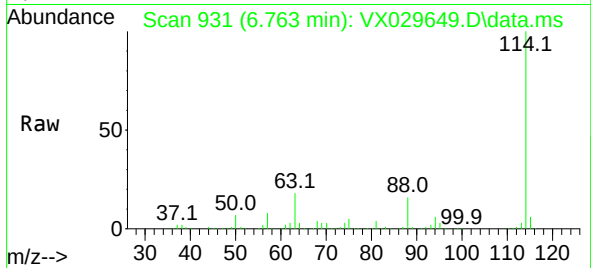




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

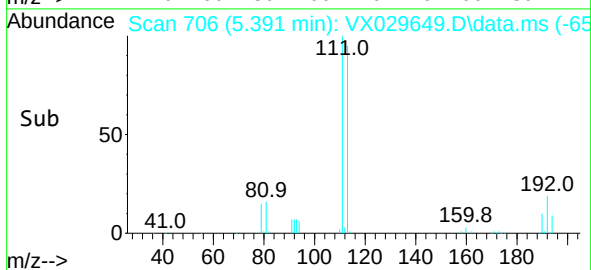
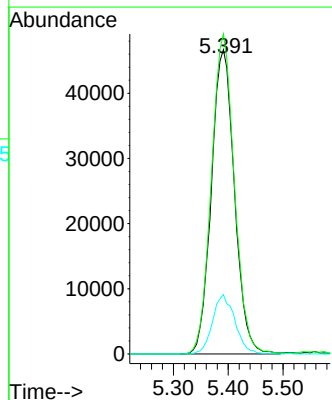
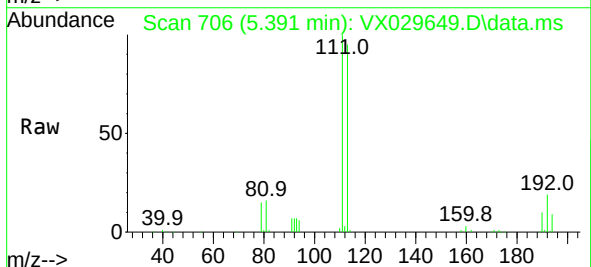
Instrument :
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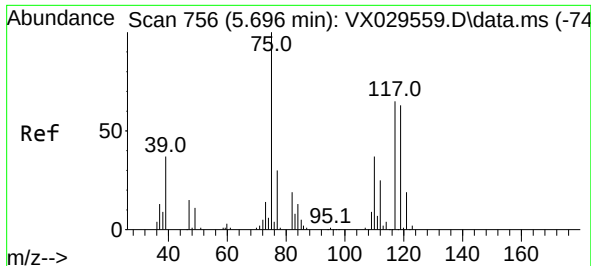
Tgt Ion:114 Resp: 462618
Ion Ratio Lower Upper
114 100
63 18.5 0.0 36.8
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.291 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

Tgt Ion:113 Resp: 136544
Ion Ratio Lower Upper
113 100
111 104.7 82.8 124.2
192 18.8 16.9 25.3

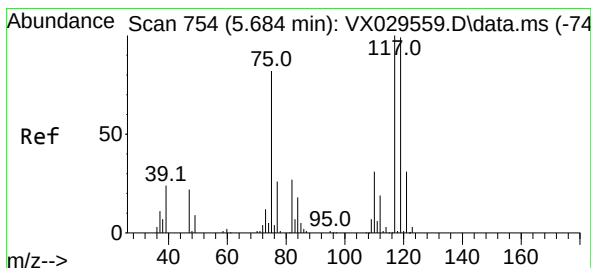
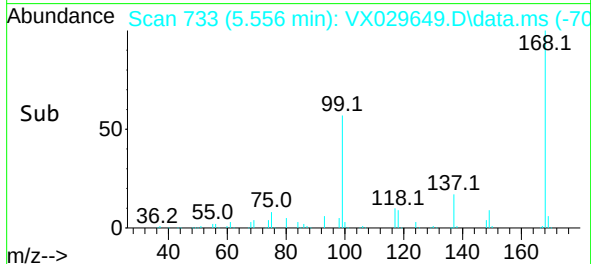
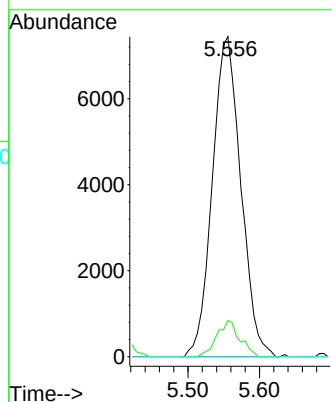
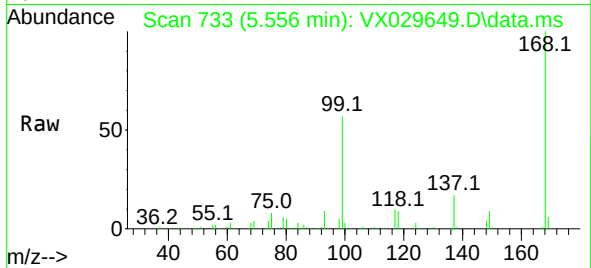




#36
1,1-Dichloropropene
Concen: 5.044 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

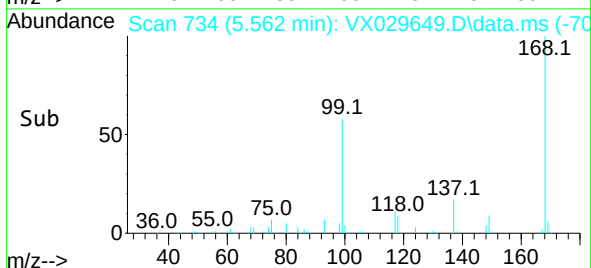
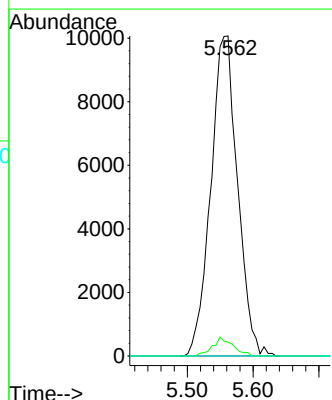
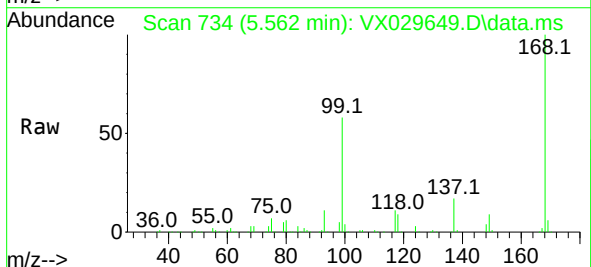
Instrument :
MSVOA_X
ClientSampleId :
MW-56

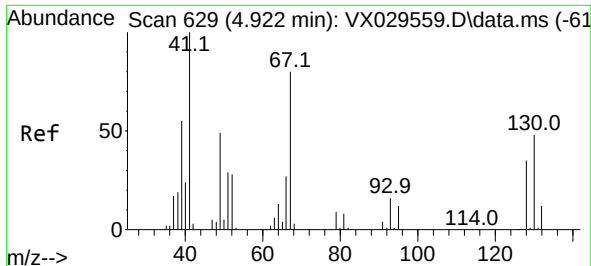
Tgt Ion: 75 Resp: 20583
Ion Ratio Lower Upper
75 100
110 9.0 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 7.120 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

Tgt Ion: 117 Resp: 28571
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#

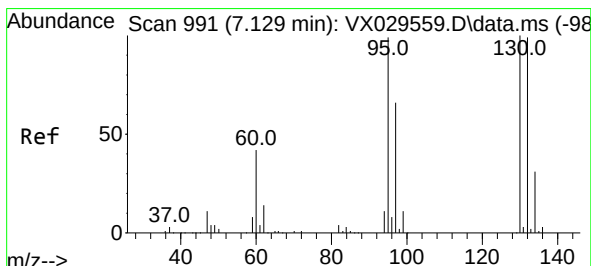
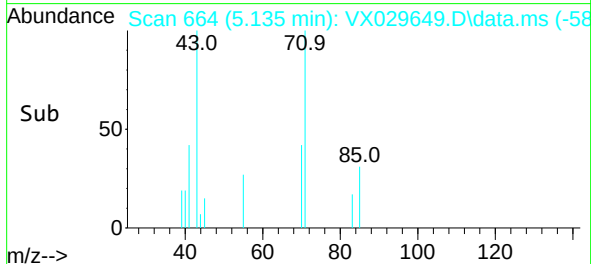
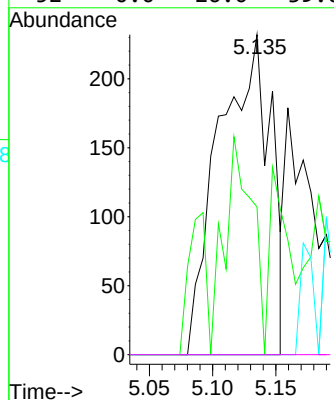
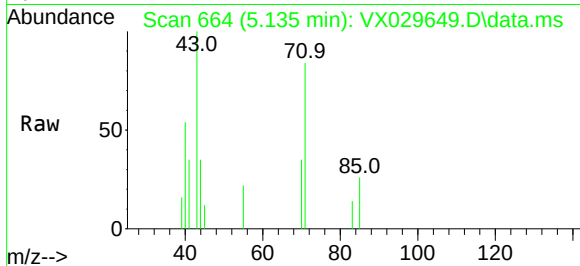




#41
Methacrylonitrile
Concen: 0.302 ug/l
RT: 5.135 min Scan# 61
Delta R.T. 0.213 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

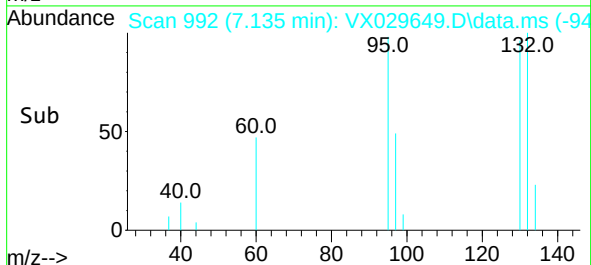
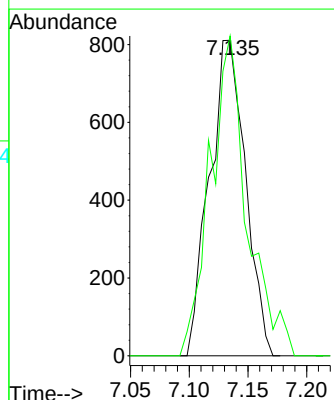
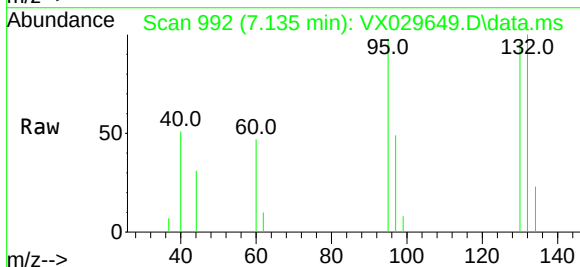
Instrument :
MSVOA_X
ClientSampleId :
MW-56

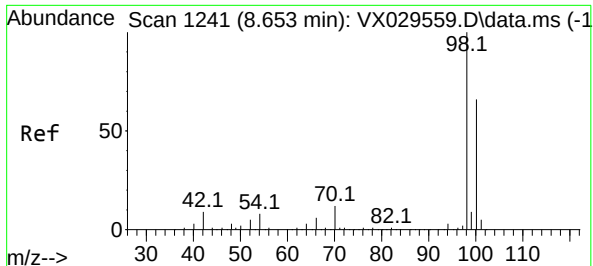
Tgt Ion: 41 Resp: 665
Ion Ratio Lower Upper
41 100
39 20.8 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

Tgt Ion:130 Resp: 1728
Ion Ratio Lower Upper
130 100
95 101.4 0.0 188.8

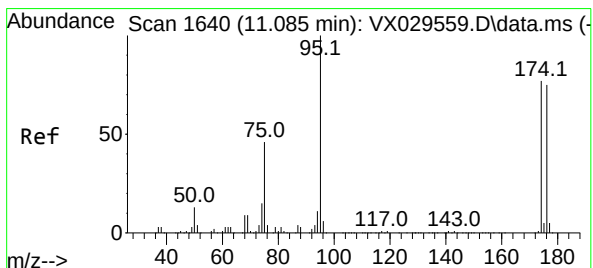
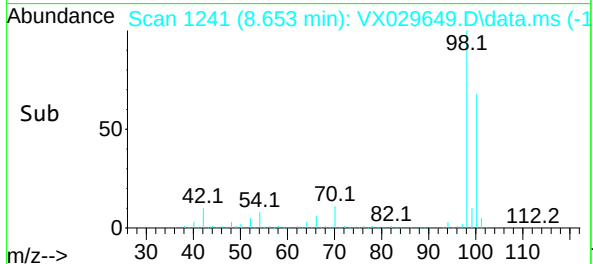
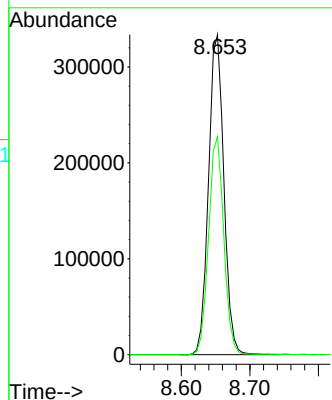
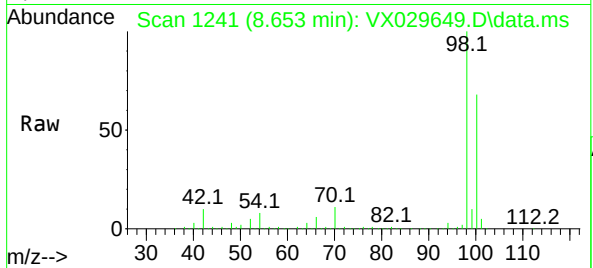




#50
Toluene-d8
Concen: 47.226 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

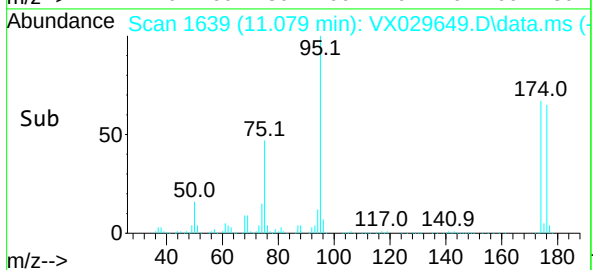
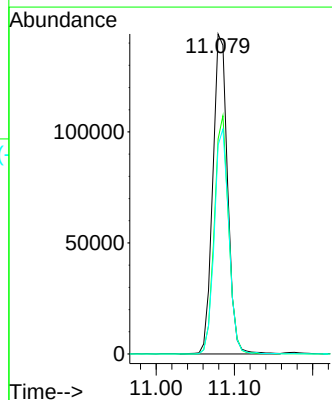
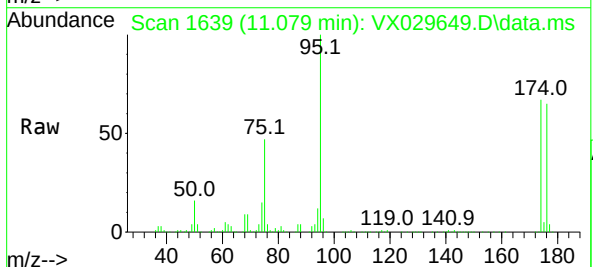
Instrument :
MSVOA_X
ClientSampleId :
MW-56

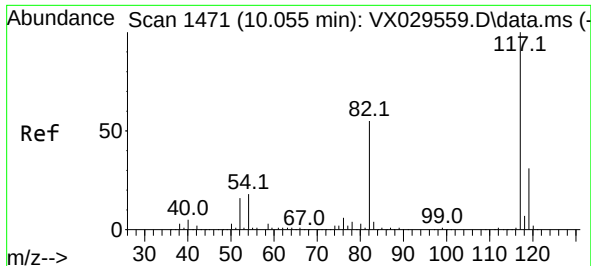
Tgt Ion: 98 Resp: 520137
Ion Ratio Lower Upper
98 100
100 67.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.481 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

Tgt Ion: 95 Resp: 188900
Ion Ratio Lower Upper
95 100
174 71.7 0.0 163.0
176 69.3 0.0 155.0

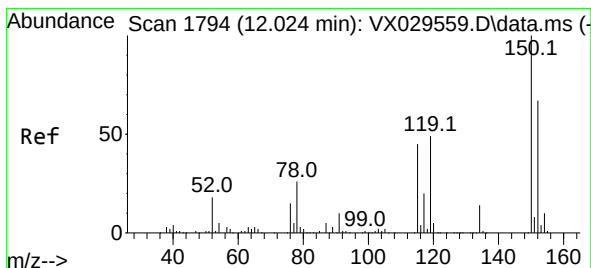
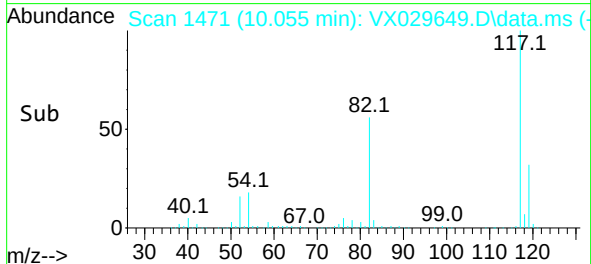
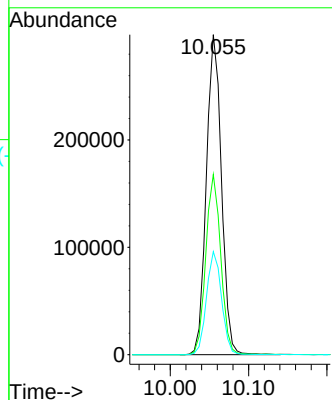
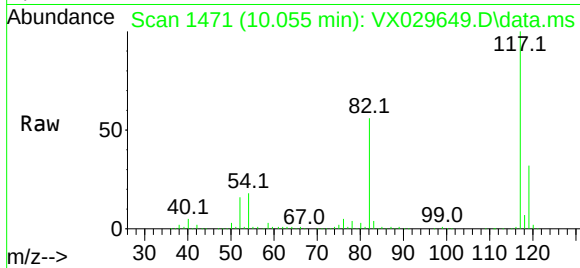




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

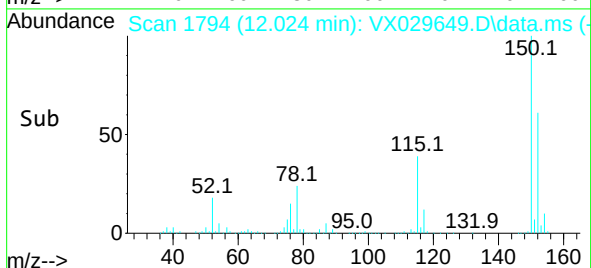
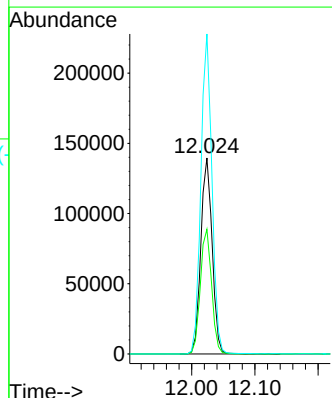
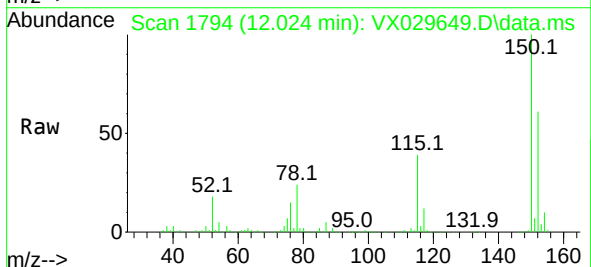
Instrument :
MSVOA_X
ClientSampleId :
MW-56

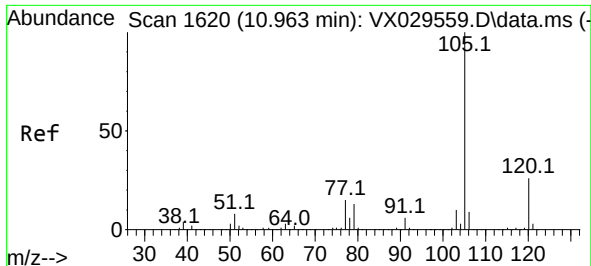
Tgt Ion:117 Resp: 398115
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

Tgt Ion:152 Resp: 174398
Ion Ratio Lower Upper
152 100
115 63.4 37.5 112.7
150 159.1 0.0 338.2

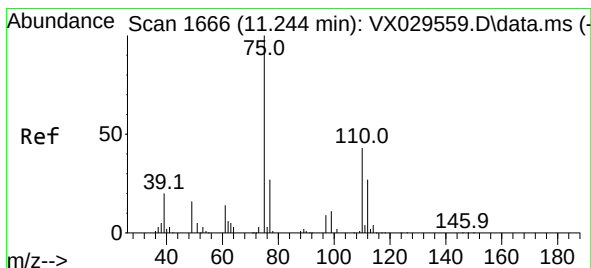
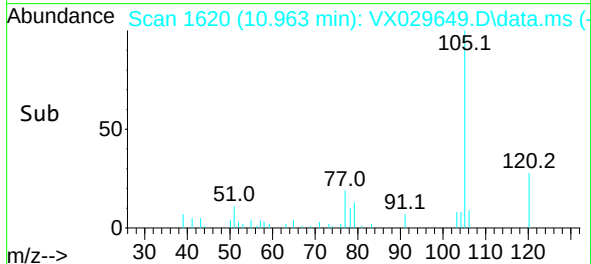
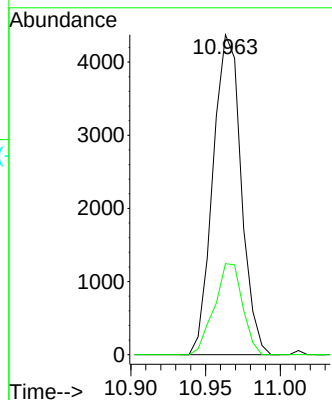
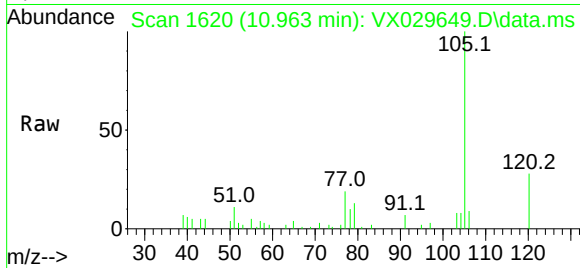




#73
Isopropylbenzene
Concen: 0.439 ug/l
RT: 10.963 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

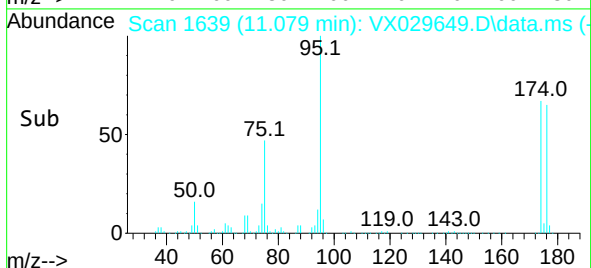
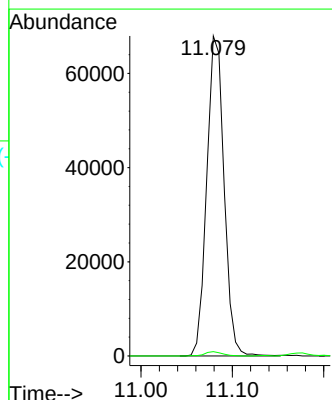
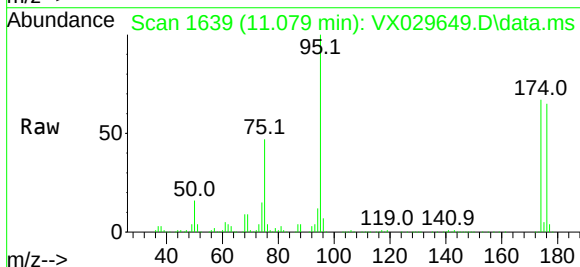
Instrument :
MSVOA_X
ClientSampleId :
MW-56

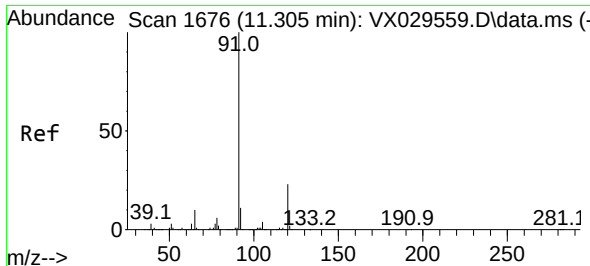
Tgt Ion:105 Resp: 5740
Ion Ratio Lower Upper
105 100
120 28.3 13.5 40.5



#76
1,2,3-Trichloropropane
Concen: 23.478 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

Tgt Ion: 75 Resp: 89198
Ion Ratio Lower Upper
75 100
77 1.4 19.4 58.2#

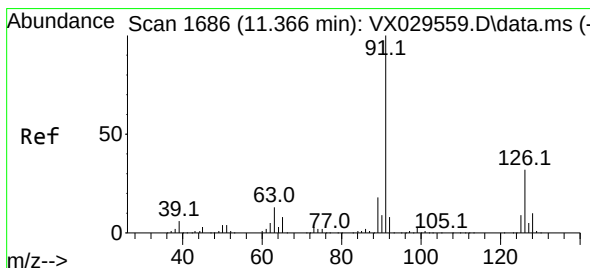
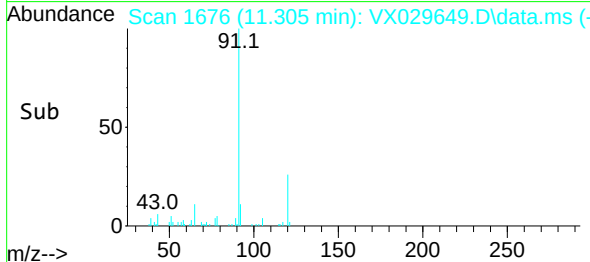
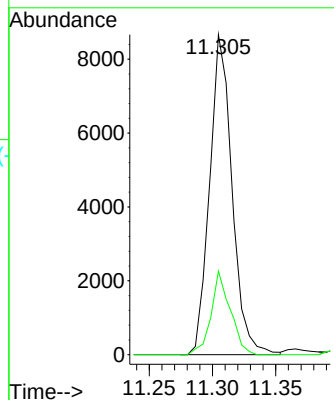
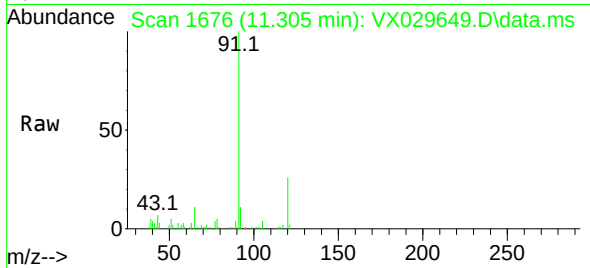




#78
n-propylbenzene
Concen: 0.726 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

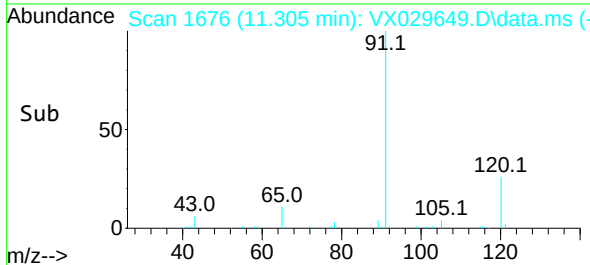
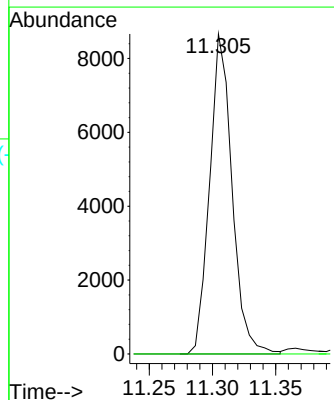
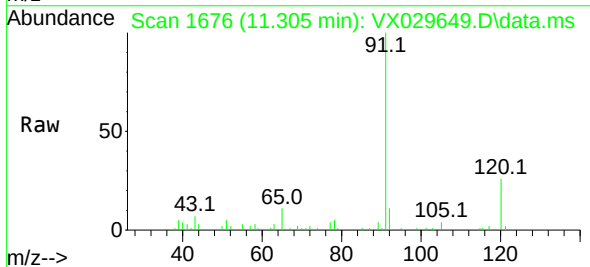
Instrument :
MSVOA_X
ClientSampleId :
MW-56

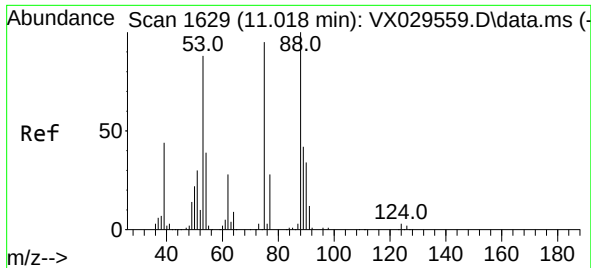
Tgt Ion: 91 Resp: 10698
Ion Ratio Lower Upper
91 100
120 22.4 11.6 34.8



#79
2-Chlorotoluene
Concen: 1.173 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.061 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

Tgt Ion: 91 Resp: 10698
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#

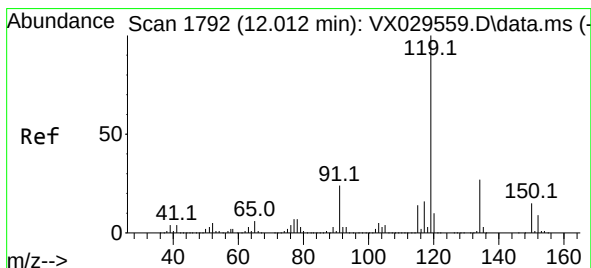
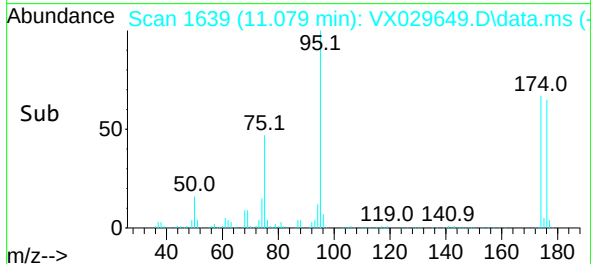
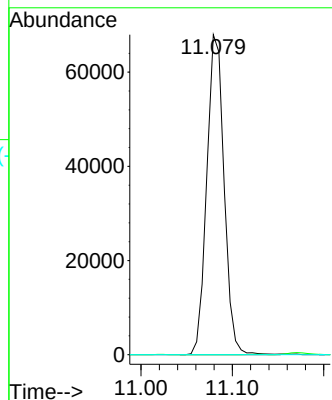
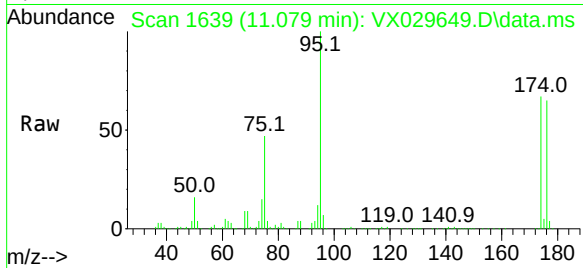




#81
trans-1,4-Dichloro-2-butene
Concen: 78.105 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

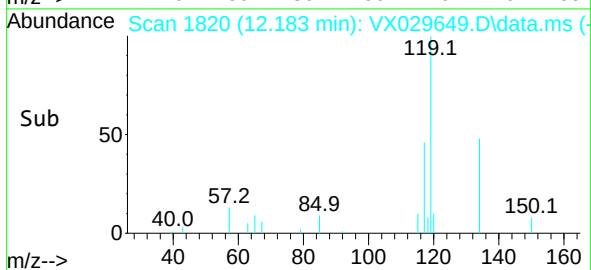
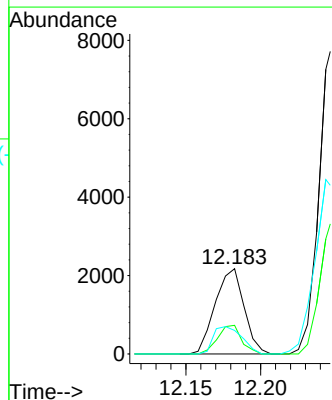
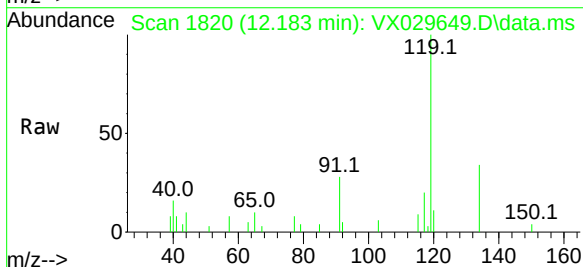
Instrument :
MSVOA_X
ClientSampleId :
MW-56

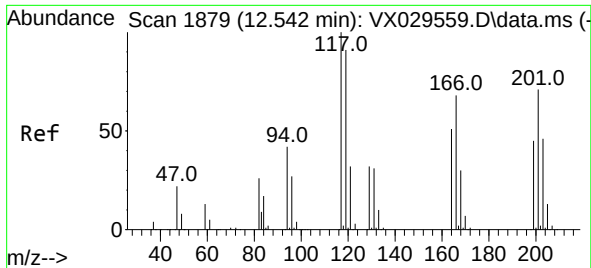
Tgt Ion: 75 Resp: 89198
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#86
p-Isopropyltoluene
Concen: 0.261 ug/l
RT: 12.183 min Scan# 1820
Delta R.T. 0.171 min
Lab File: VX029649.D
Acq: 21 Jun 2022 08:28

Tgt Ion: 119 Resp: 2913
Ion Ratio Lower Upper
119 100
134 28.1 13.0 39.0
91 31.8 11.3 33.9





#90
 Hexachloroethane
 Concen: 0.456 ug/l
 RT: 12.615 min Scan# 11
 Delta R.T. 0.073 min
 Lab File: VX029649.D
 Acq: 21 Jun 2022 08:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-56

Tgt Ion:117 Resp: 728
 Ion Ratio Lower Upper
 117 100
 201 0.0 39.5 118.5#

