

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027627.D
 Acq On : 22 Mar 2022 20:13
 Operator : JC/MD
 Sample : N2028-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-118

Quant Time: Mar 23 01:51:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

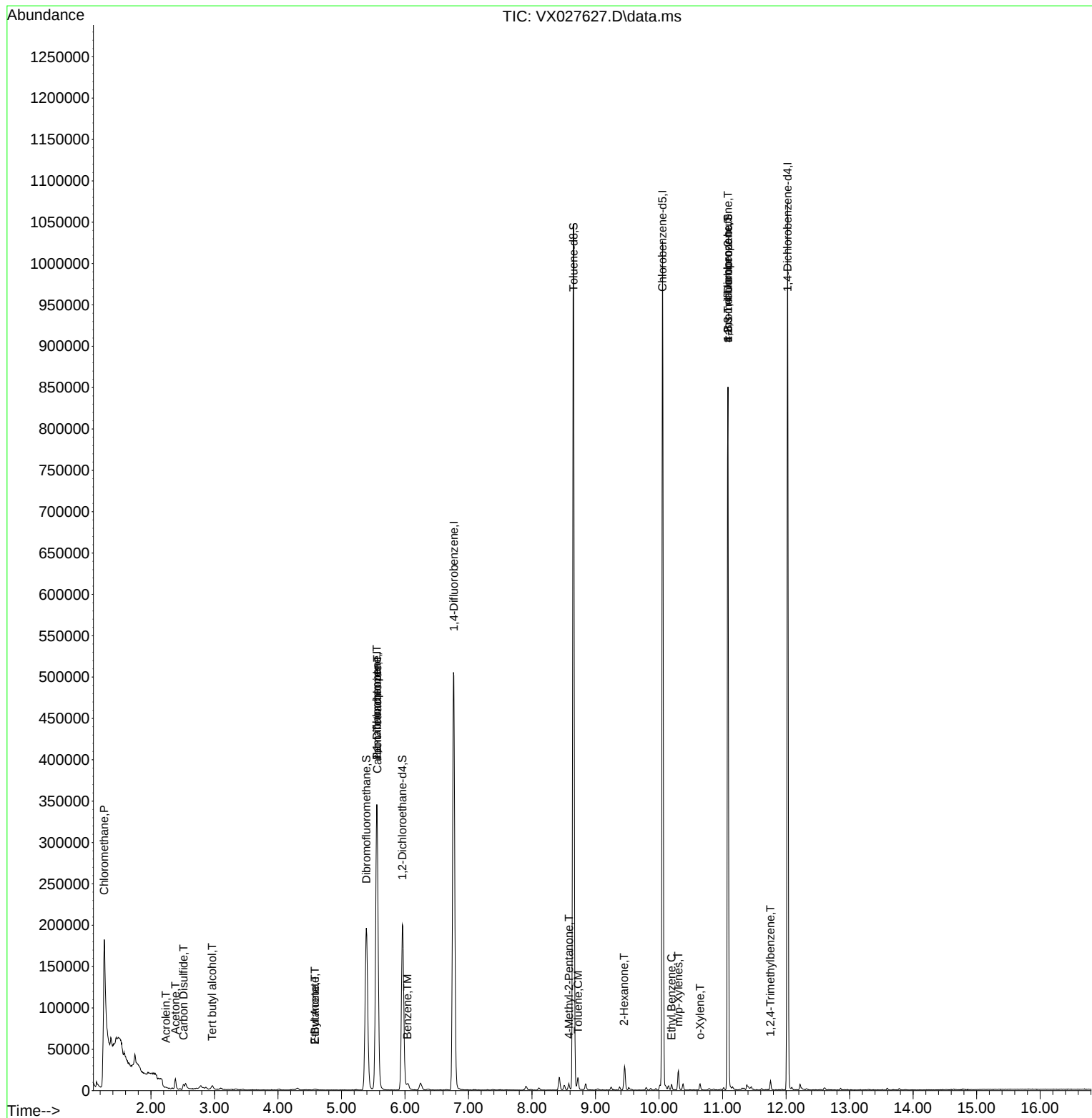
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	354647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	572129	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	504378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	231037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	189607	43.399	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.800%		
35) Dibromofluoromethane	5.391	113	177831	48.311	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.620%		
50) Toluene-d8	8.653	98	659507	47.347	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.700%		
62) 4-Bromofluorobenzene	11.085	95	229162	44.760	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.520%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.264	50	9342	3.091	ug/l #	42
5) Bromomethane	1.611	94	569	Below Cal	#	71
11) Tert butyl alcohol	2.965	59	4870	5.849	ug/l	96
13) Acrolein	2.233	56	204	0.316	ug/l #	63
16) Acetone	2.386	43	13510	7.587	ug/l	100
17) Carbon Disulfide	2.514	76	8397	1.002	ug/l	97
25) 2-Butanone	4.580	43	1890	0.705	ug/l	93
36) 1,1-Dichloropropene	5.556	75	22373	4.448	ug/l #	50
37) Ethyl Acetate	4.580	43	1890	0.377	ug/l #	65
38) Carbon Tetrachloride	5.562	117	33197	5.769	ug/l #	14
40) Benzene	6.037	78	9653	0.669	ug/l #	88
51) 4-Methyl-2-Pentanone	8.580	43	4704	0.913	ug/l	96
52) Toluene	8.726	92	5638	0.583	ug/l	99
59) 2-Hexanone	9.451	43	2549	0.643	ug/l	69
67) Ethyl Benzene	10.195	91	3893	0.219	ug/l #	89
68) m/p-Xylenes	10.305	106	6251	0.894	ug/l	96
69) o-Xylene	10.646	106	1787	0.263	ug/l	94
76) 1,2,3-Trichloropropane	11.085	75	110446	22.855	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	110446	69.411	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	5425	0.384	ug/l	94

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

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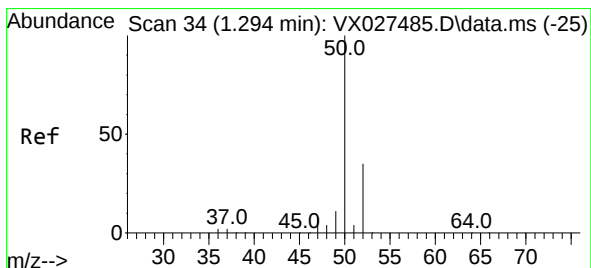
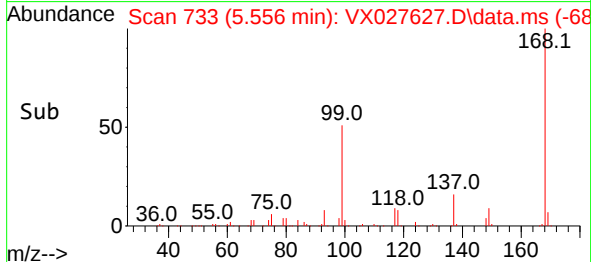
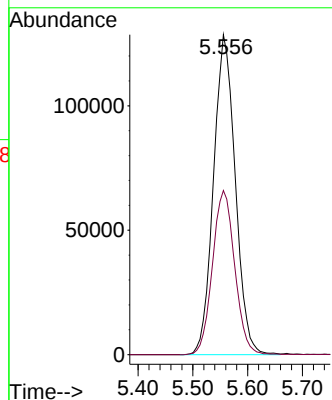
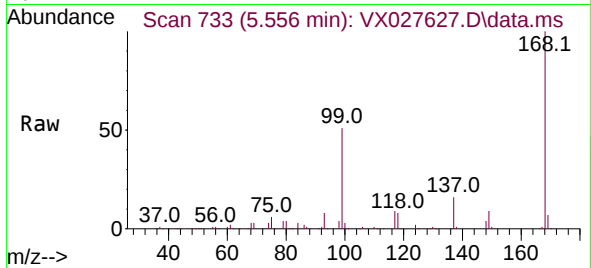




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027627.D
Acq: 22 Mar 2022 20:13

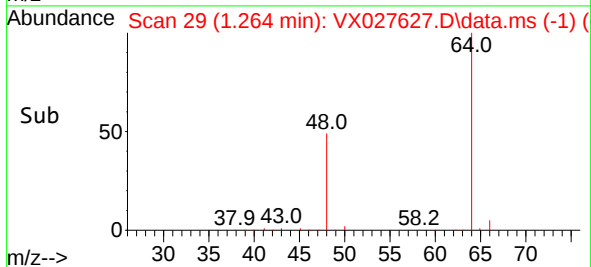
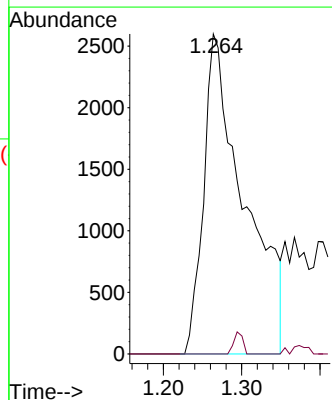
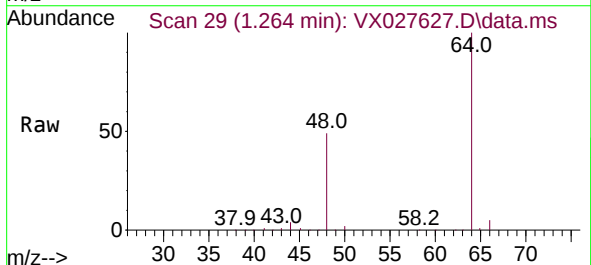
Instrument :
MSVOA_X
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MW-118

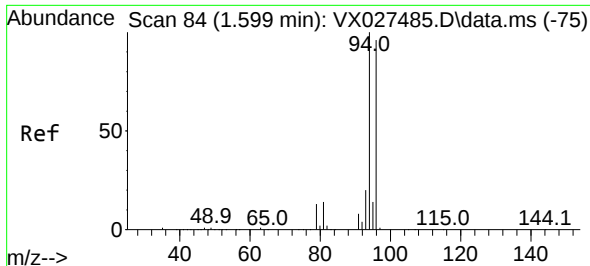
Tgt Ion:168 Resp: 354647
Ion Ratio Lower Upper
168 100
99 51.3 41.7 62.5



#3
Chloromethane
Concen: 3.091 ug/l
RT: 1.264 min Scan# 29
Delta R.T. -0.031 min
Lab File: VX027627.D
Acq: 22 Mar 2022 20:13

Tgt Ion: 50 Resp: 9342
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

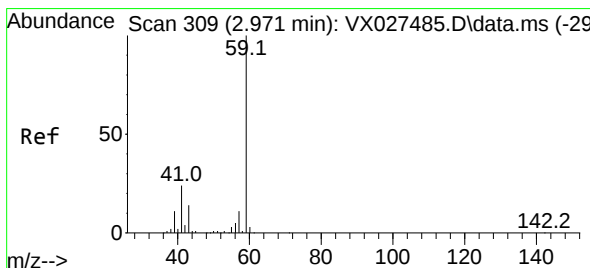
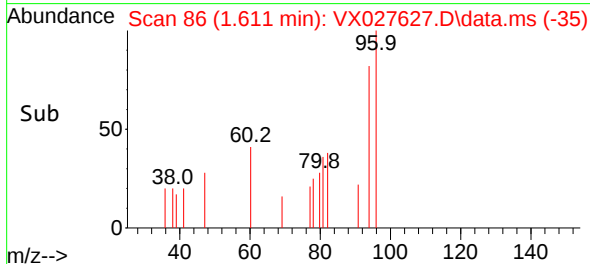
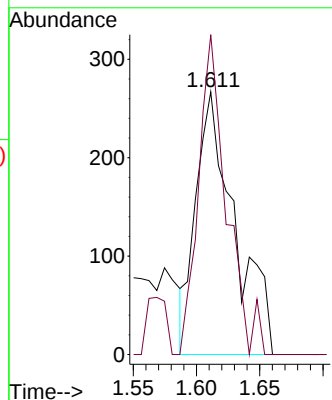
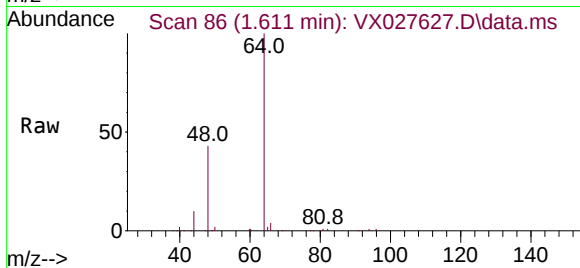




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX027627.D
Acq: 22 Mar 2022 20:13

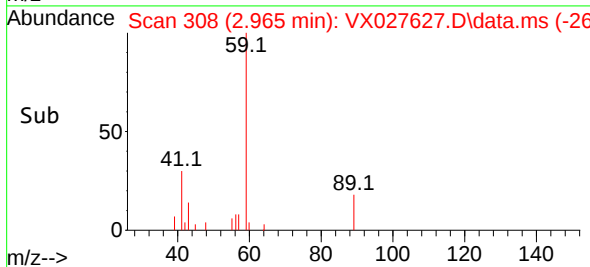
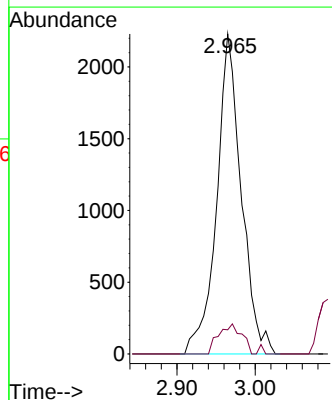
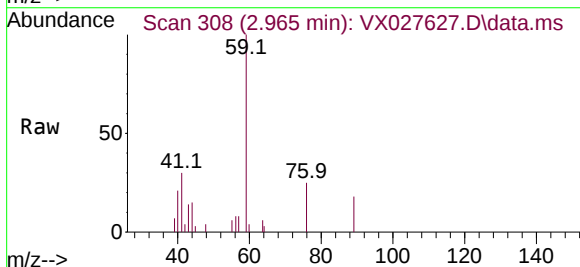
Instrument :
MSVOA_X
ClientSampleId :
MW-118

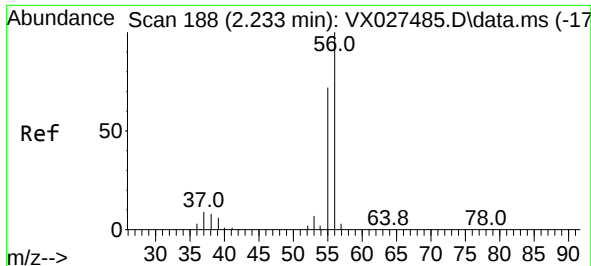
Tgt Ion: 94 Resp: 569
Ion Ratio Lower Upper
94 100
96 121.7 75.3 112.9#



#11
Tert butyl alcohol
Concen: 5.849 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027627.D
Acq: 22 Mar 2022 20:13

Tgt Ion: 59 Resp: 4870
Ion Ratio Lower Upper
59 100
57 8.8 8.3 12.5

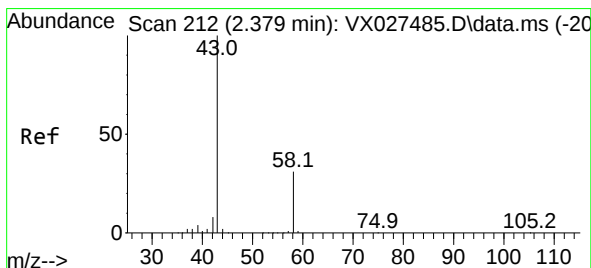
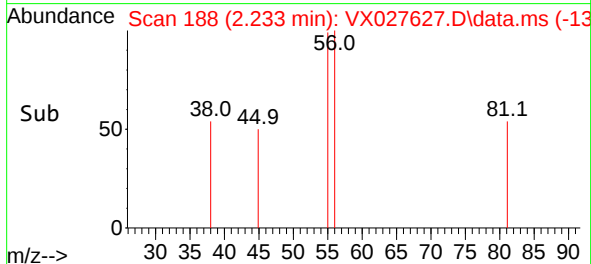
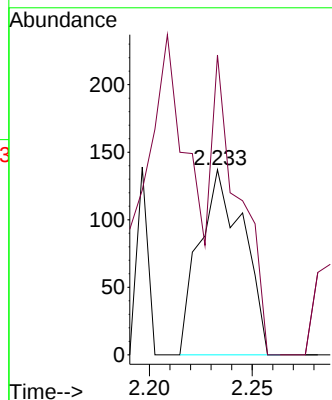
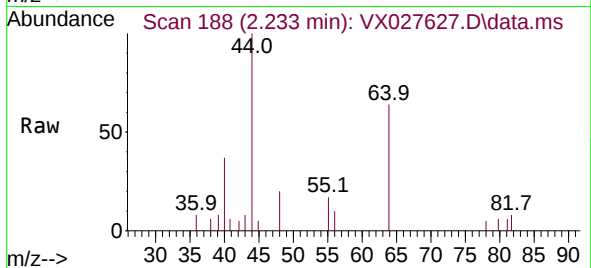




#13
Acrolein
Concen: 0.316 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027627.D
Acq: 22 Mar 2022 20:13

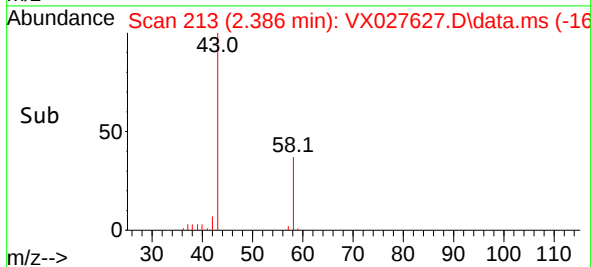
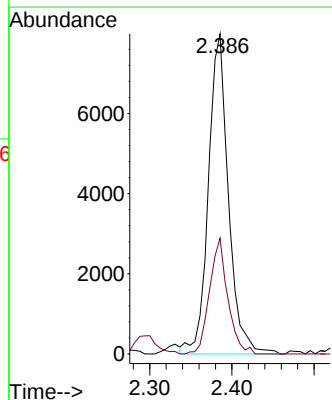
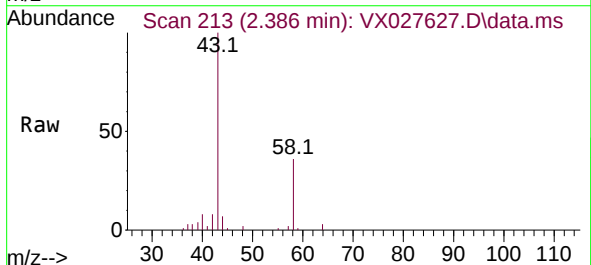
Instrument :
MSVOA_X
ClientSampleId :
MW-118

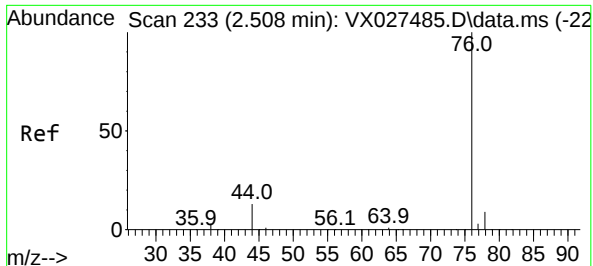
Tgt Ion: 56 Resp: 204
Ion Ratio Lower Upper
56 100
55 99.0 55.0 82.6#



#16
Acetone
Concen: 7.587 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX027627.D
Acq: 22 Mar 2022 20:13

Tgt Ion: 43 Resp: 13510
Ion Ratio Lower Upper
43 100
58 36.2 28.8 43.2

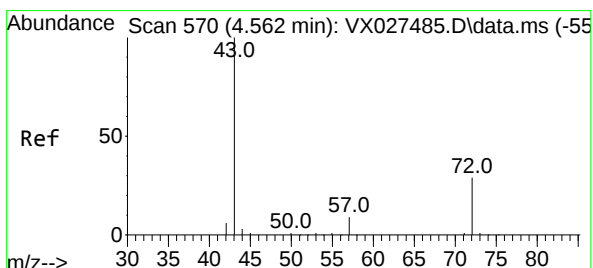
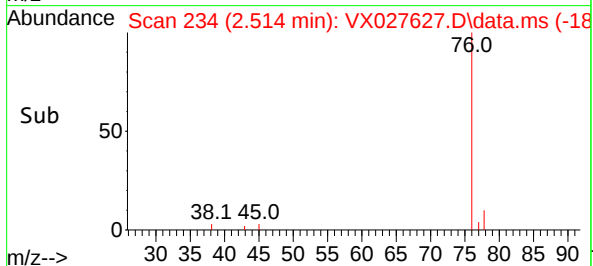
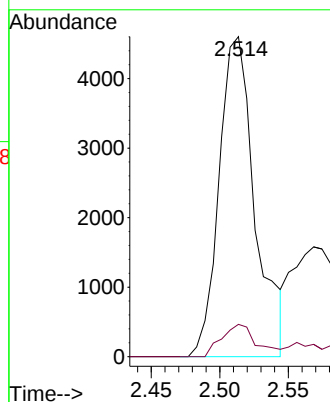
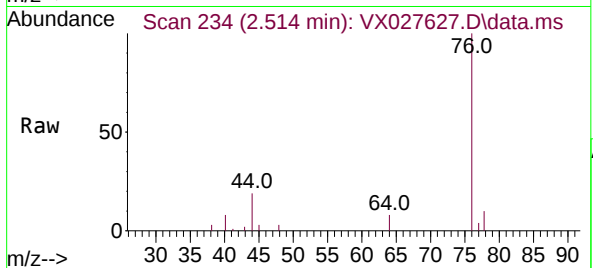




#17
Carbon Disulfide
Concen: 1.002 ug/l
RT: 2.514 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX027627.D
Acq: 22 Mar 2022 20:13

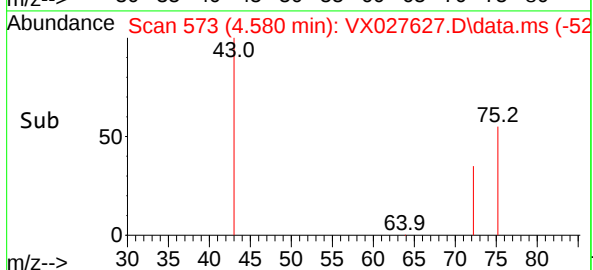
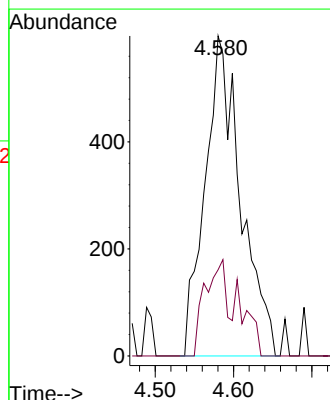
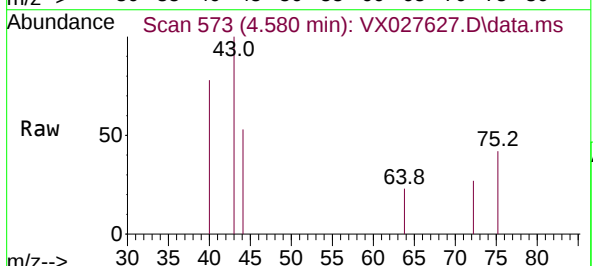
Instrument :
MSVOA_X
ClientSampleId :
MW-118

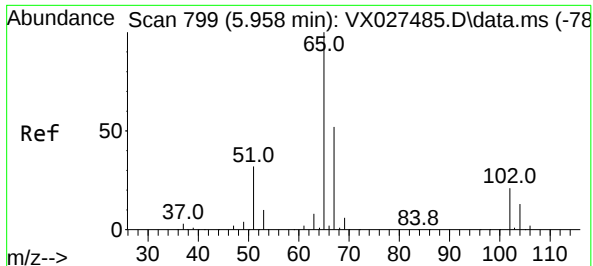
Tgt Ion: 76 Resp: 8397
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8



#25
2-Butanone
Concen: 0.705 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX027627.D
Acq: 22 Mar 2022 20:13

Tgt Ion: 43 Resp: 1890
Ion Ratio Lower Upper
43 100
72 26.9 24.4 36.6





#33

1,2-Dichloroethane-d4

Concen: 43.399 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX027627.D

Acq: 22 Mar 2022 20:13

Instrument :

MSVOA_X

ClientSampleId :

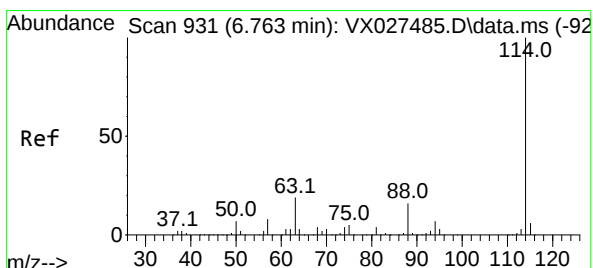
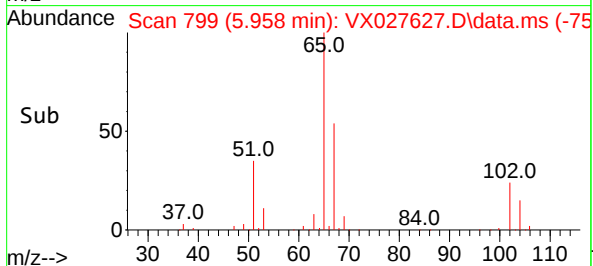
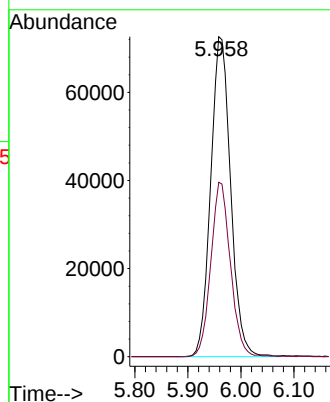
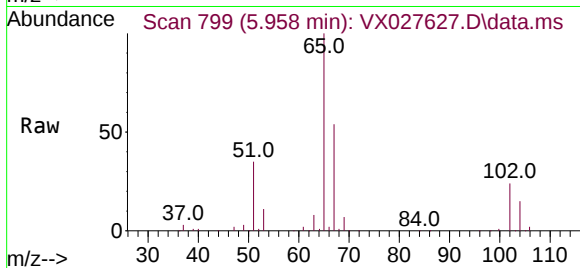
MW-118

Tgt Ion: 65 Resp: 189607

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX027627.D

Acq: 22 Mar 2022 20:13

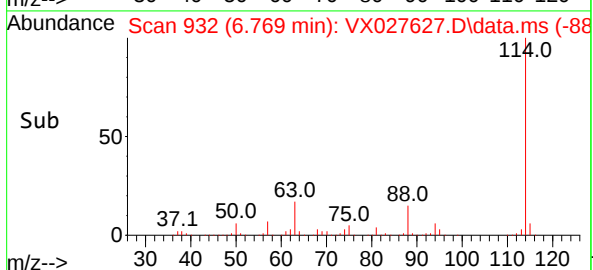
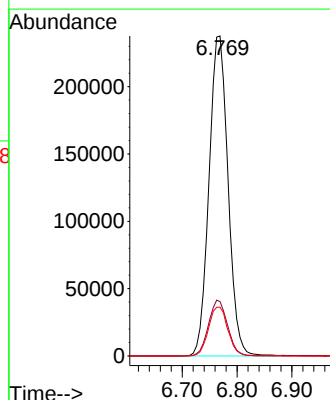
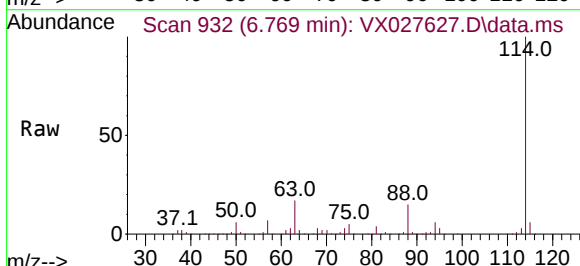
Tgt Ion: 114 Resp: 572129

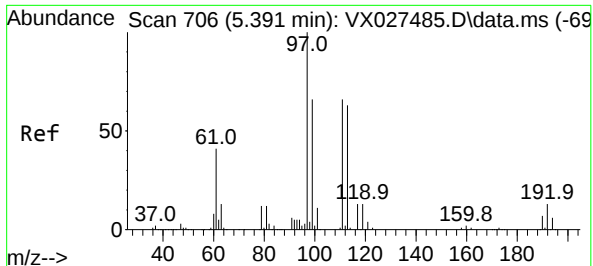
Ion Ratio Lower Upper

114 100

63 17.0 0.0 36.8

88 15.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 48.311 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX027627.D

Acq: 22 Mar 2022 20:13

Instrument :

MSVOA_X

ClientSampleId :

MW-118

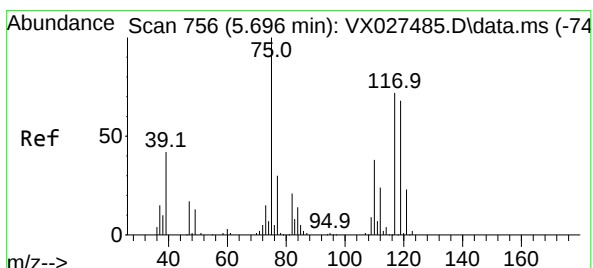
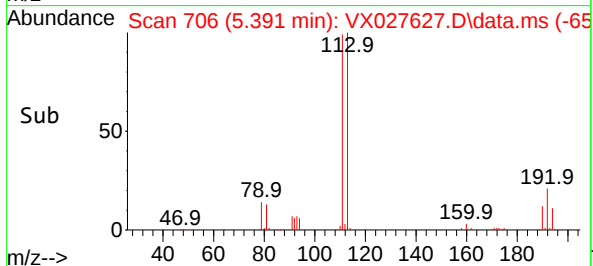
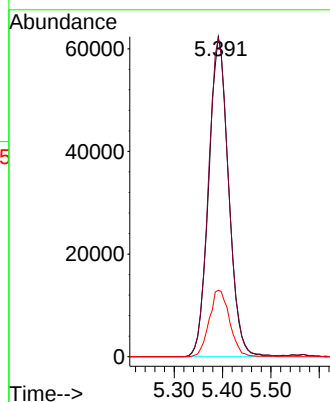
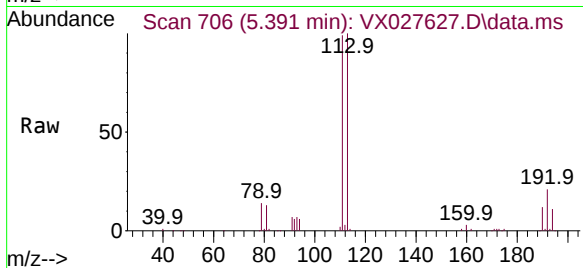
Tgt Ion:113 Resp: 177831

Ion Ratio Lower Upper

113 100

111 100.8 82.8 124.2

192 21.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.448 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX027627.D

Acq: 22 Mar 2022 20:13

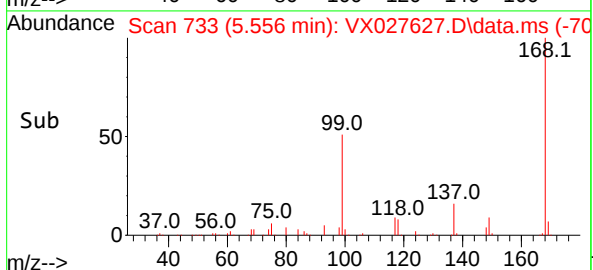
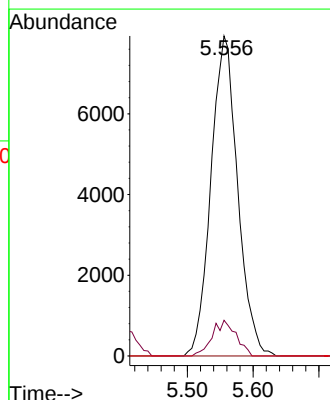
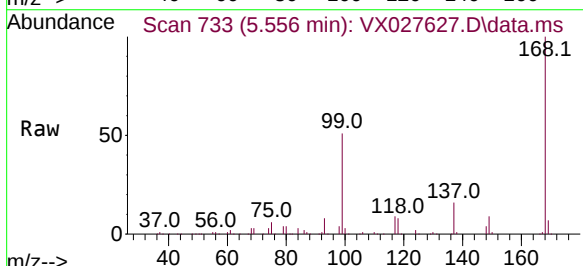
Tgt Ion: 75 Resp: 22373

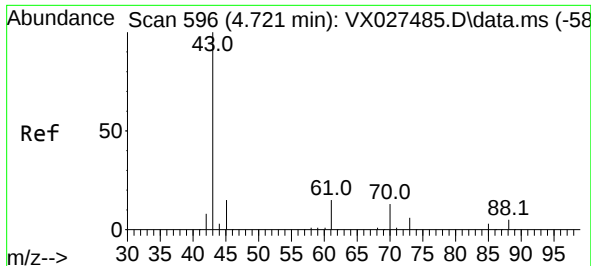
Ion Ratio Lower Upper

75 100

110 10.0 18.3 54.8#

77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.377 ug/l

RT: 4.580 min Scan# 51

Delta R.T. -0.140 min

Lab File: VX027627.D

Acq: 22 Mar 2022 20:13

Instrument :

MSVOA_X

ClientSampleId :

MW-118

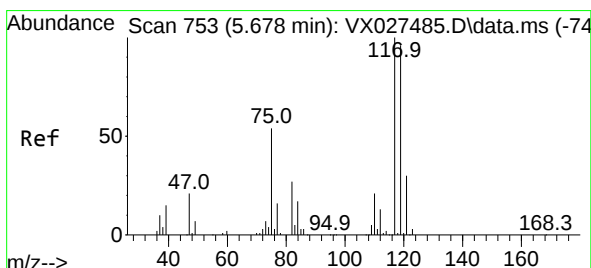
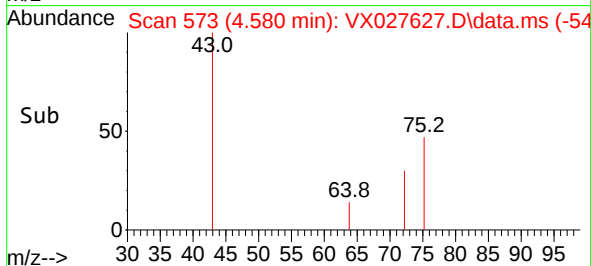
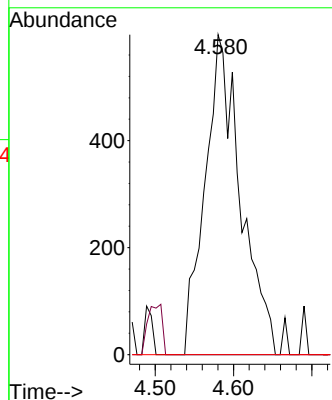
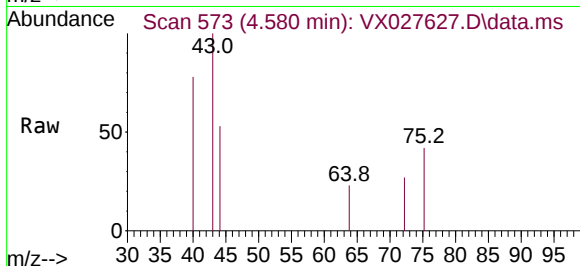
Tgt Ion: 43 Resp: 1890

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 0.0 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 5.769 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.116 min

Lab File: VX027627.D

Acq: 22 Mar 2022 20:13

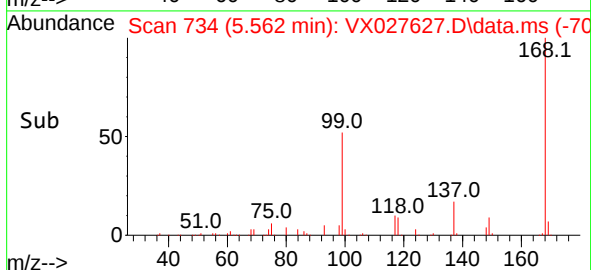
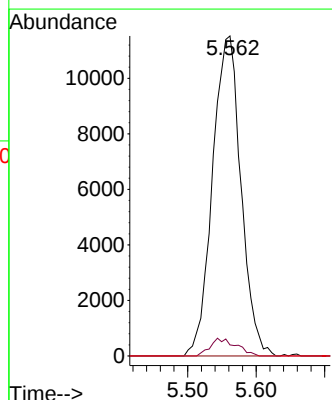
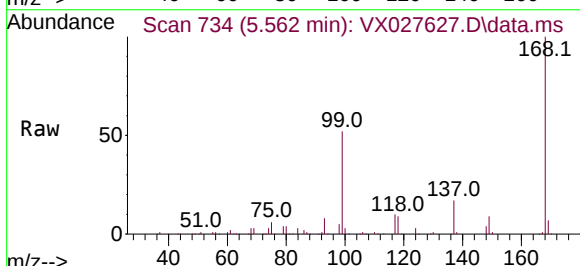
Tgt Ion: 117 Resp: 33197

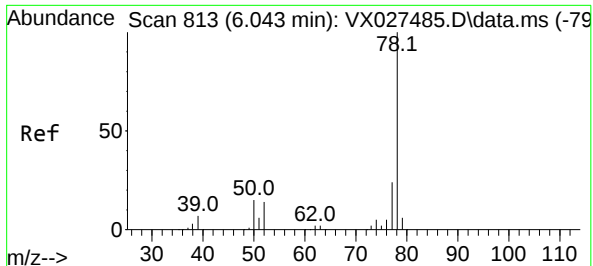
Ion Ratio Lower Upper

117 100

119 3.4 77.3 115.9#

121 0.0 24.2 36.2#

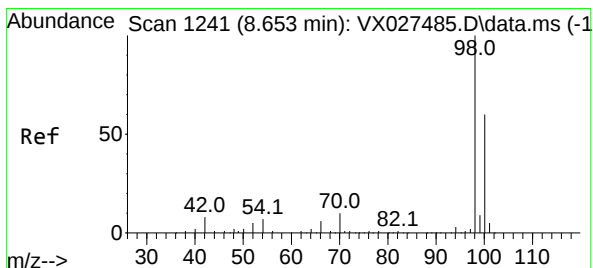
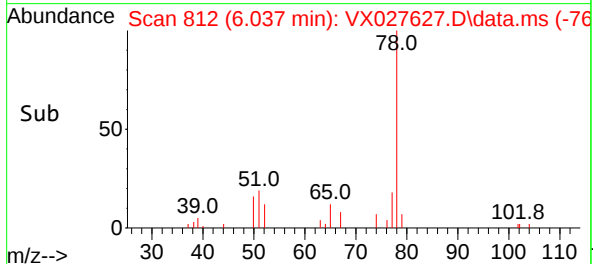
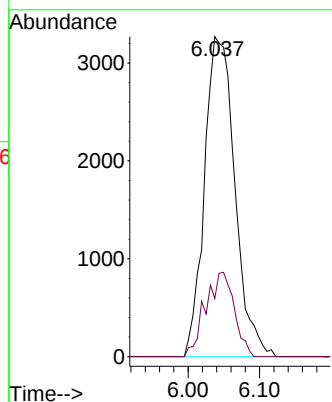
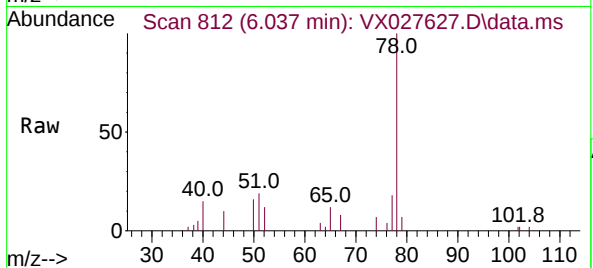




#40
Benzene
Concen: 0.669 ug/l
RT: 6.037 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX027627.D
Acq: 22 Mar 2022 20:13

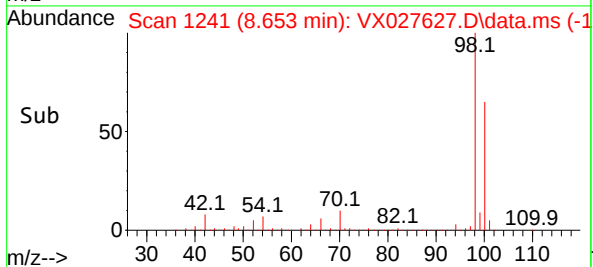
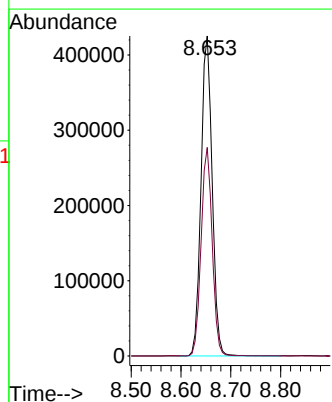
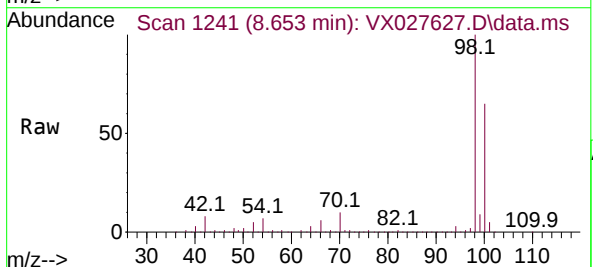
Instrument :
MSVOA_X
ClientSampleId :
MW-118

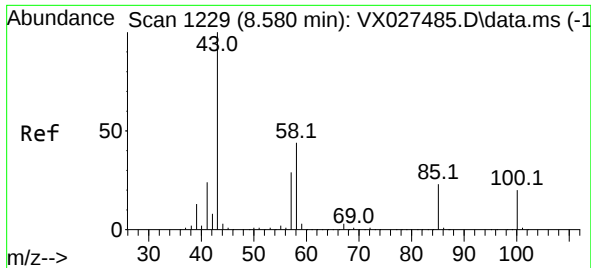
Tgt Ion: 78 Resp: 9653
Ion Ratio Lower Upper
78 100
77 18.1 19.3 28.9#



#50
Toluene-d8
Concen: 47.347 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027627.D
Acq: 22 Mar 2022 20:13

Tgt Ion: 98 Resp: 659507
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

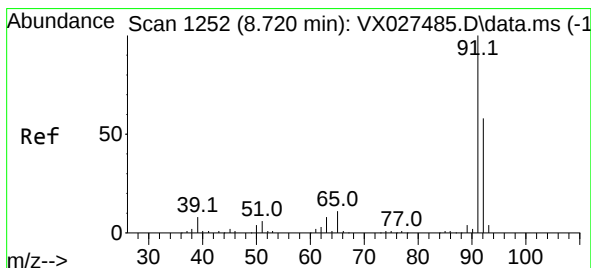
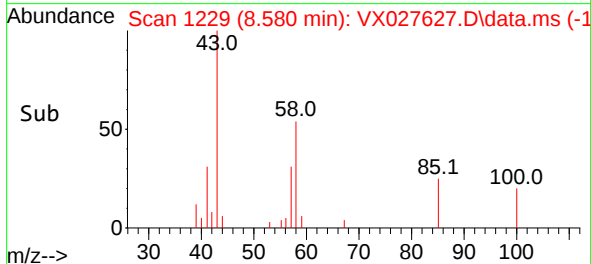
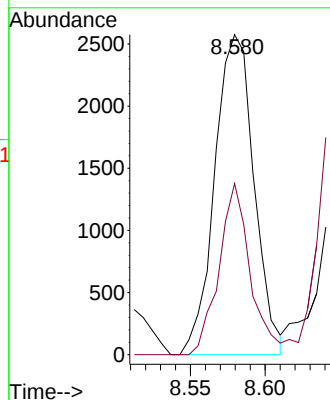
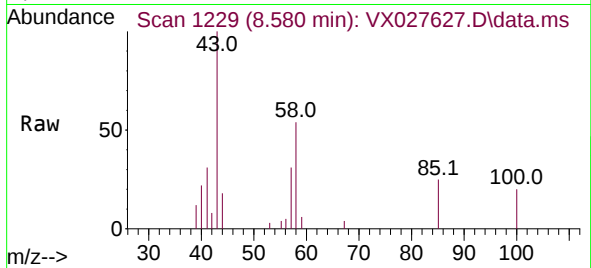




#51
4-Methyl-2-Pentanone
Concen: 0.913 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX027627.D
Acq: 22 Mar 2022 20:13

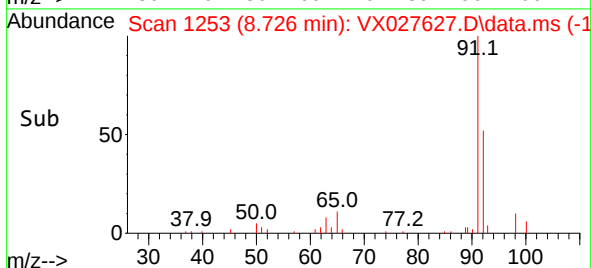
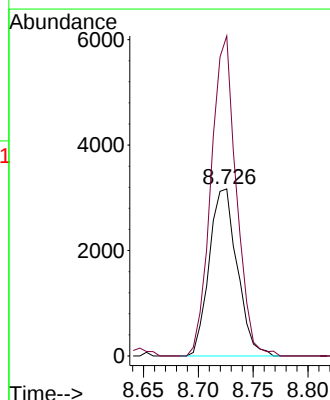
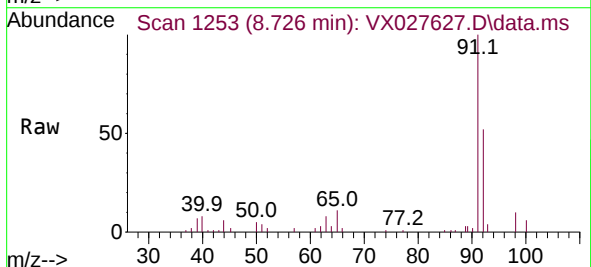
Instrument :
MSVOA_X
ClientSampleId :
MW-118

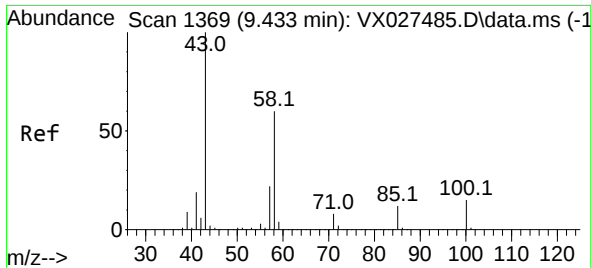
Tgt Ion: 43 Resp: 4704
Ion Ratio Lower Upper
43 100
58 42.4 36.1 54.1



#52
Toluene
Concen: 0.583 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX027627.D
Acq: 22 Mar 2022 20:13

Tgt Ion: 92 Resp: 5638
Ion Ratio Lower Upper
92 100
91 173.0 137.5 206.3





#59

2-Hexanone

Concen: 0.643 ug/l

RT: 9.451 min Scan# 11

Delta R.T. 0.018 min

Lab File: VX027627.D

Acq: 22 Mar 2022 20:13

Instrument :

MSVOA_X

ClientSampleId :

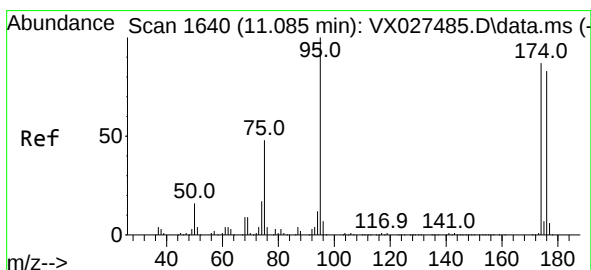
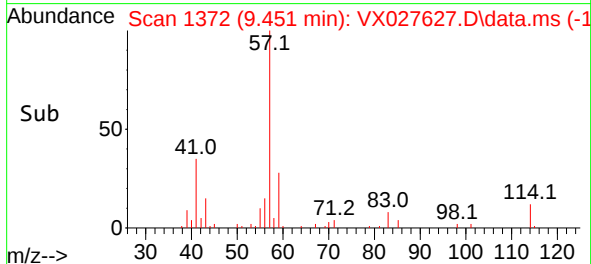
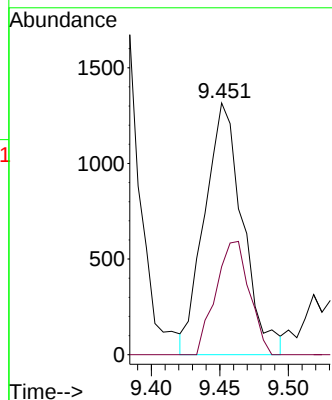
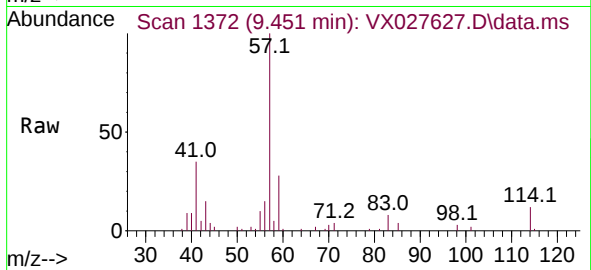
MW-118

Tgt Ion: 43 Resp: 2549

Ion Ratio Lower Upper

43 100

58 39.7 31.9 95.7



#62

4-Bromofluorobenzene

Concen: 44.760 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.000 min

Lab File: VX027627.D

Acq: 22 Mar 2022 20:13

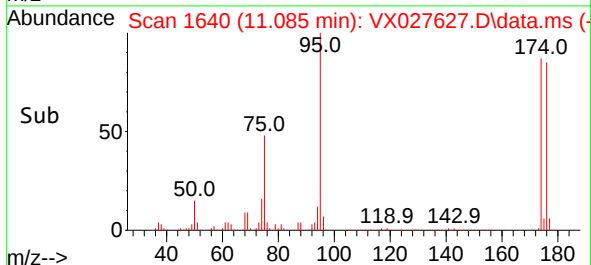
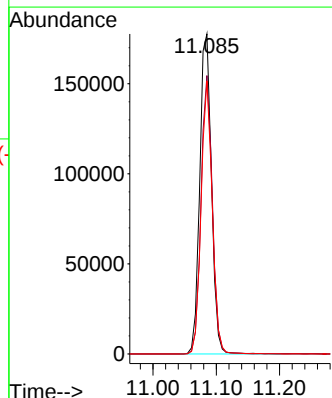
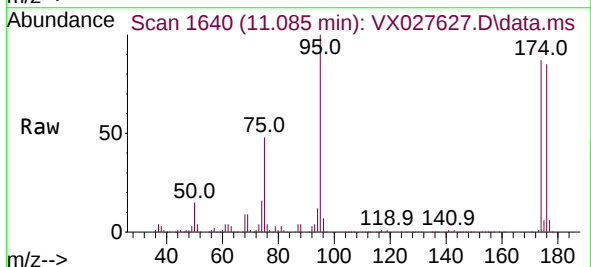
Tgt Ion: 95 Resp: 229162

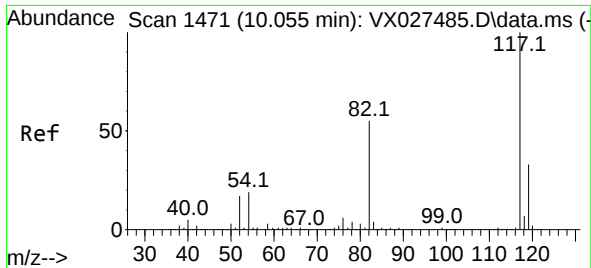
Ion Ratio Lower Upper

95 100

174 84.1 0.0 163.0

176 81.4 0.0 155.0

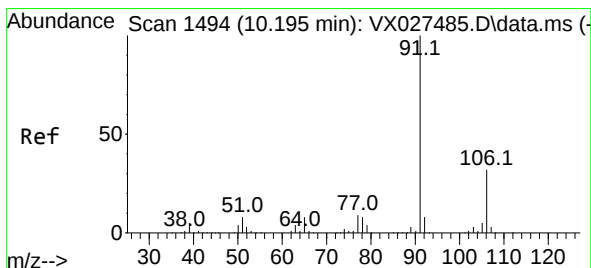
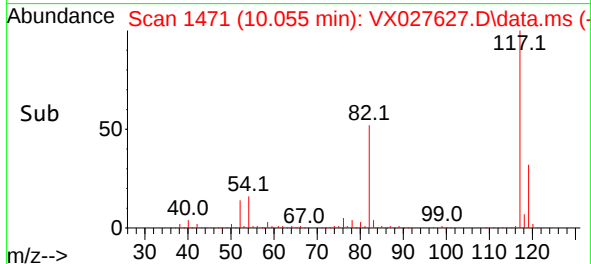
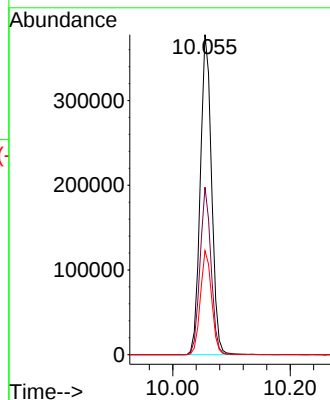
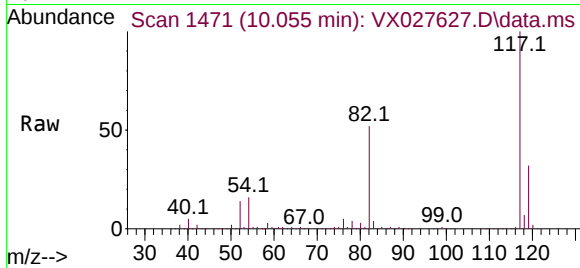




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027627.D
Acq: 22 Mar 2022 20:13

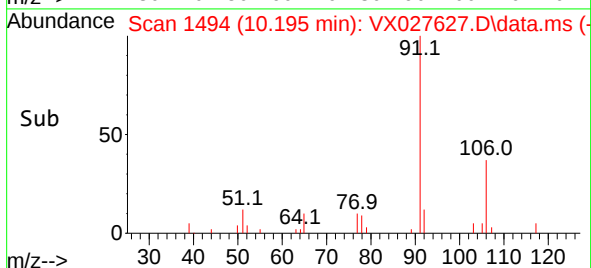
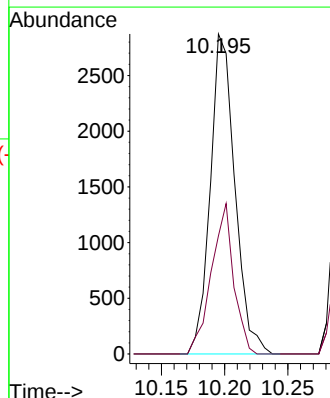
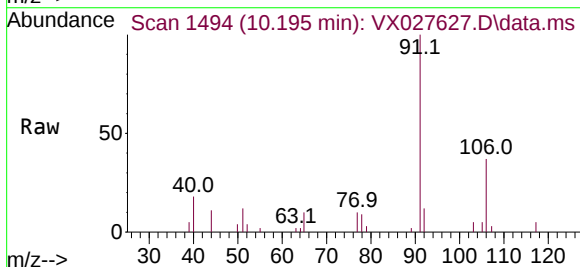
Instrument :
MSVOA_X
ClientSampleId :
MW-118

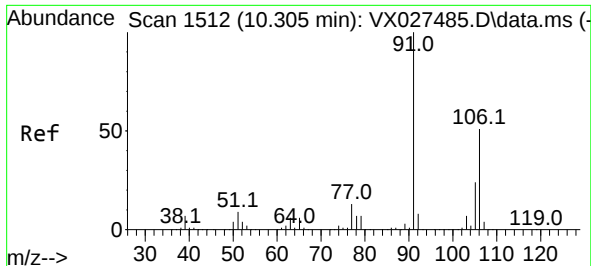
Tgt Ion:117 Resp: 504378
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.8
119 32.5 24.8 37.2



#67
Ethyl Benzene
Concen: 0.219 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX027627.D
Acq: 22 Mar 2022 20:13

Tgt Ion: 91 Resp: 3893
Ion Ratio Lower Upper
91 100
106 36.9 24.6 36.8#

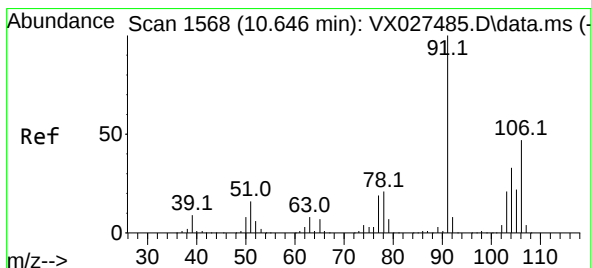
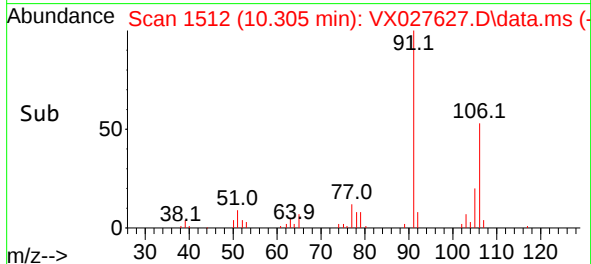
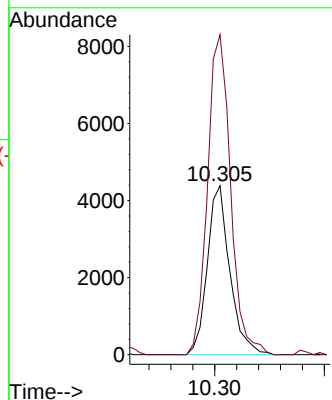
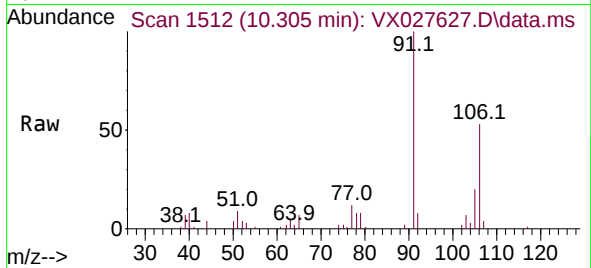




#68
m/p-Xylenes
Concen: 0.894 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027627.D
Acq: 22 Mar 2022 20:13

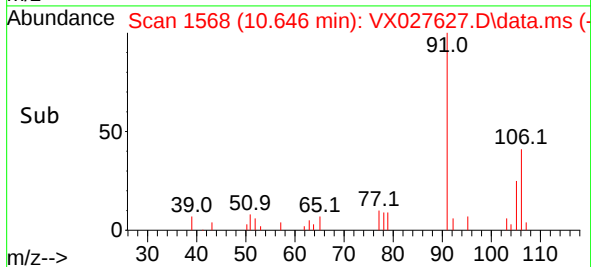
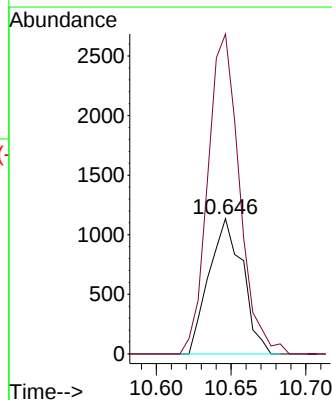
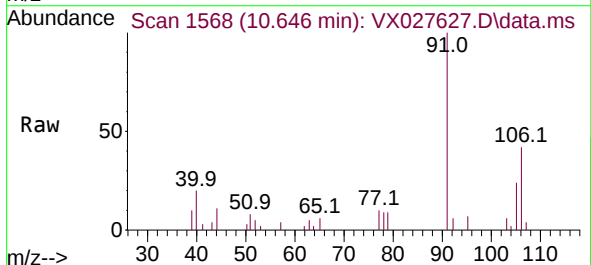
Instrument :
MSVOA_X
ClientSampleId :
MW-118

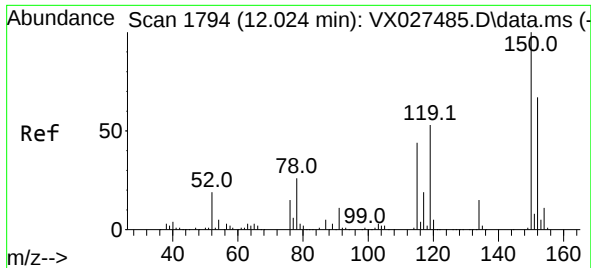
Tgt Ion:106 Resp: 6251
Ion Ratio Lower Upper
106 100
91 194.0 160.4 240.6



#69
o-Xylene
Concen: 0.263 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX027627.D
Acq: 22 Mar 2022 20:13

Tgt Ion:106 Resp: 1787
Ion Ratio Lower Upper
106 100
91 221.4 106.1 318.1

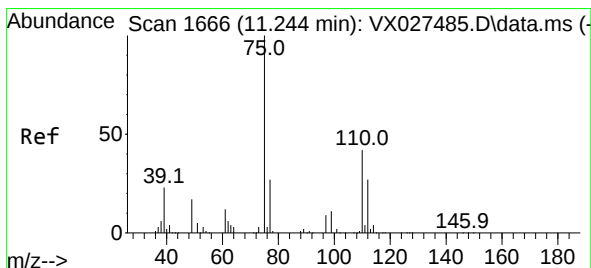
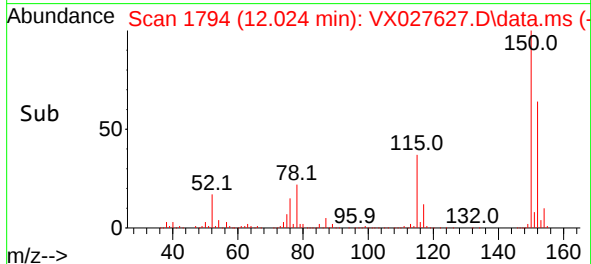
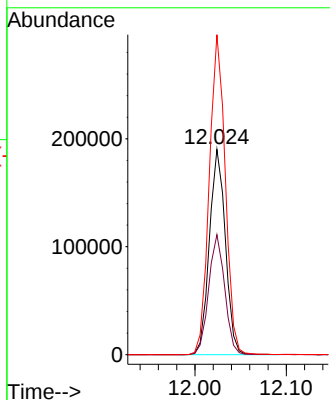
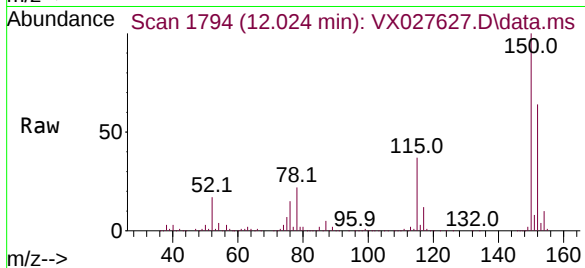




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX027627.D
 Acq: 22 Mar 2022 20:13

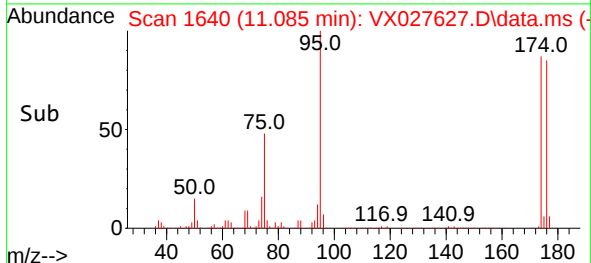
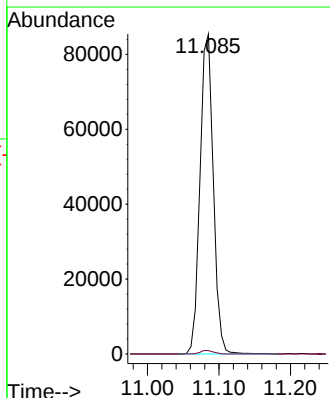
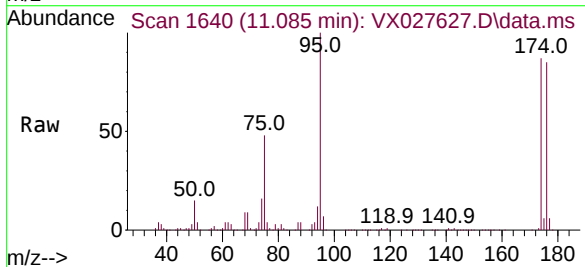
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-118

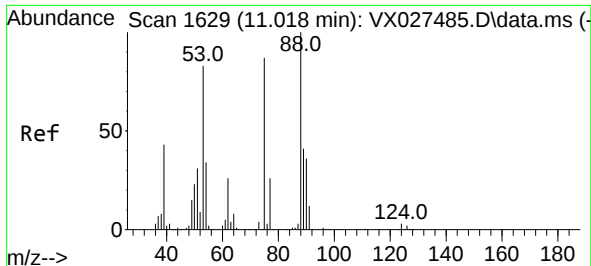
Tgt Ion:152 Resp: 231037
 Ion Ratio Lower Upper
 152 100
 115 58.5 37.5 112.7
 150 155.6 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 22.855 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX027627.D
 Acq: 22 Mar 2022 20:13

Tgt Ion: 75 Resp: 110446
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#

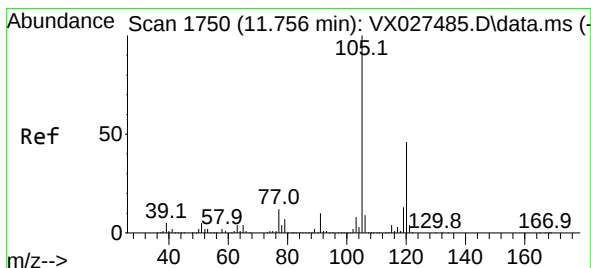
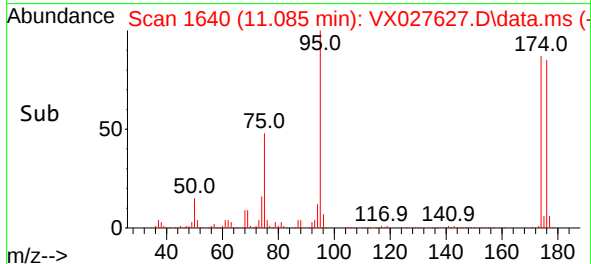
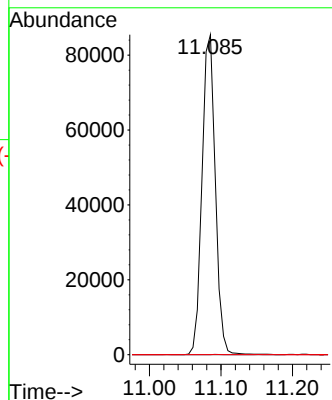
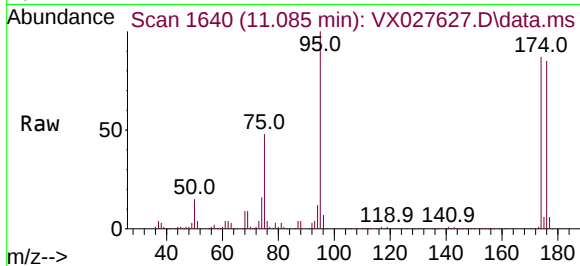




#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.411 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.067 min
 Lab File: VX027627.D
 Acq: 22 Mar 2022 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-118

Tgt Ion: 75 Resp: 110446
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.384 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX027627.D
 Acq: 22 Mar 2022 20:13

Tgt Ion: 105 Resp: 5425
 Ion Ratio Lower Upper
 105 100
 120 41.1 22.6 67.8

