

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029573.D
 Acq On : 18 Jun 2022 16:36
 Operator : JC/MD
 Sample : N3325-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17

Quant Time: Jun 20 01:34:47 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	272839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	448460	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	391414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178333	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	153927	42.620	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.240%
35) Dibromofluoromethane	5.391	113	134100	45.885	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.760%
50) Toluene-d8	8.653	98	511706	47.928	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.860%
62) 4-Bromofluorobenzene	11.085	95	190060	47.205	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.400%

Target Compounds				Qvalue		
3) Chloromethane	1.264	50	8676	2.437	ug/l #	42
4) Vinyl Chloride	1.368	62	976	0.298	ug/l #	1
5) Bromomethane	1.624	94	597	0.357	ug/l #	64
6) Chloroethane	1.934	64	1645	1.917	ug/l #	43
10) Methyl Iodide	2.459	142	939	3.288	ug/l #	92
11) Tert butyl alcohol	2.977	59	8183	1.187	ug/l #	72
13) Acrolein	2.221	56	74	0.372	ug/l #	1
15) Acrylonitrile	3.105	53	2027	1.200	ug/l #	36
16) Acetone	2.386	43	7126	4.950	ug/l	93
17) Carbon Disulfide	2.538	76	29361	4.097	ug/l	99
18) Methyl Acetate	2.782	43	31878	8.375	ug/l #	46
19) Methyl tert-butyl Ether	3.111	73	16648	1.735	ug/l #	1
20) Methylene Chloride	2.800	84	746	0.233	ug/l #	47
25) 2-Butanone	4.580	43	2264	0.995	ug/l	91
26) 2,2-Dichloropropane	4.312	77	883	0.214	ug/l #	52
31) Cyclohexane	5.477	56	39535	8.154	ug/l	93
36) 1,1-Dichloropropene	5.562	75	20396	5.156	ug/l #	50
38) Carbon Tetrachloride	5.562	117	27974	7.192	ug/l #	16
39) Methylcyclohexane	7.385	83	47196	9.570	ug/l	96
40) Benzene	6.043	78	327870	27.963	ug/l	98
42) 1,2-Dichloroethane	6.050	62	3164	0.785	ug/l #	73
44) Trichloroethene	7.129	130	2775	Below Cal		81
45) 1,2-Dichloropropane	7.379	63	583	0.203	ug/l #	1
48) Methyl methacrylate	7.659	41	4619	1.494	ug/l #	63
51) 4-Methyl-2-Pentanone	8.580	43	1493	0.367	ug/l #	80
52) Toluene	8.720	92	49004	6.527	ug/l	97
55) 1,1,2-Trichloroethane	9.104	97	5417	1.784	ug/l #	19
56) Ethyl methacrylate	9.098	69	1268	0.276	ug/l #	9
59) 2-Hexanone	9.567	43	932	0.303	ug/l	76
60) Dibromochloromethane	9.275	129	794	0.269	ug/l #	9
64) Tetrachloroethene	9.275	164	713	0.252	ug/l #	93
67) Ethyl Benzene	10.195	91	551577	39.923	ug/l	100
68) m/p-Xylenes	10.305	106	141553	26.272	ug/l	96
69) o-Xylene	10.646	106	322823	60.644	ug/l	98
70) Styrene	10.640	104	16328	1.873	ug/l #	1
73) Isopropylbenzene	10.963	105	86582	6.475	ug/l	98

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

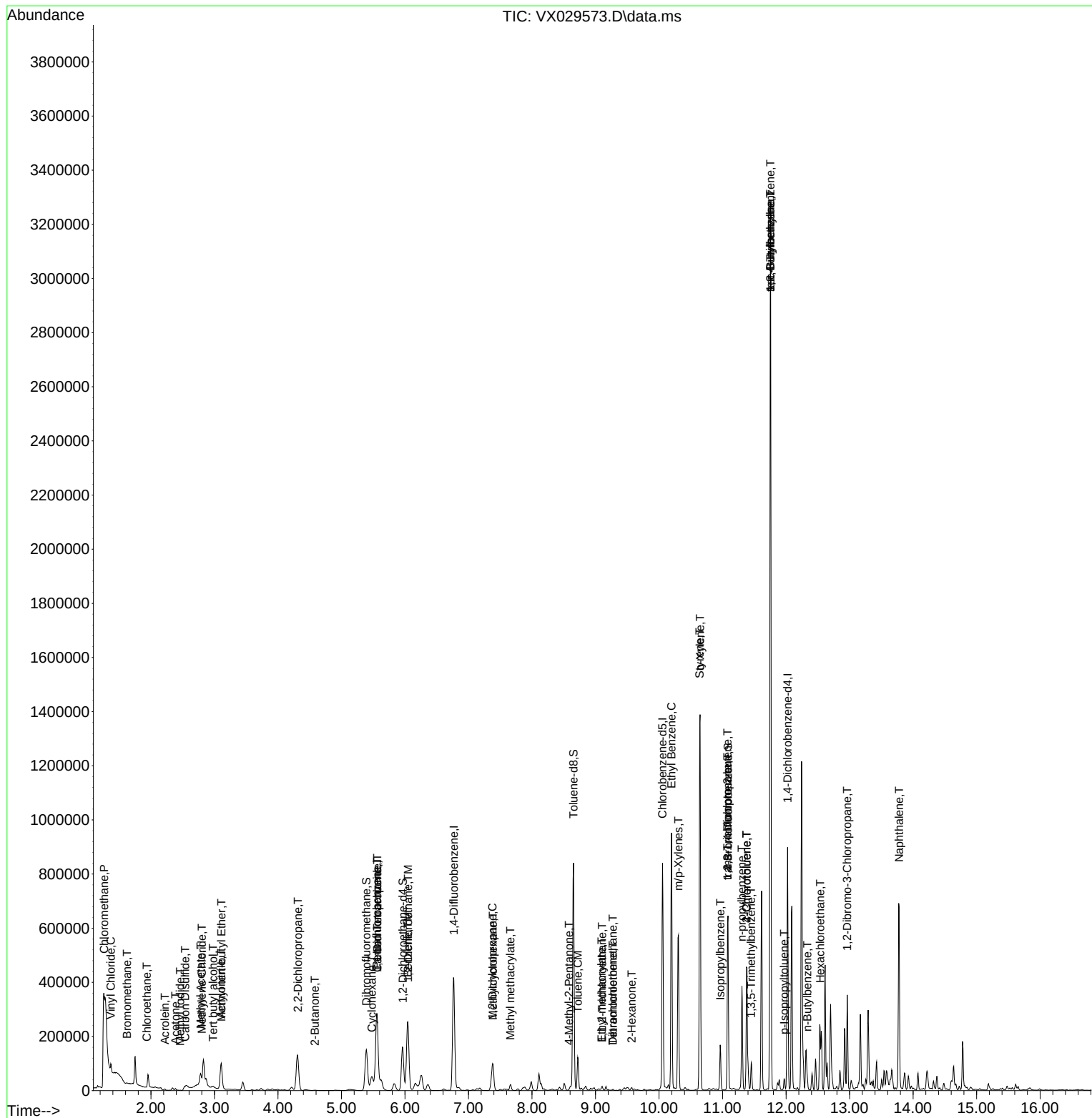
76) 1,2,3-Trichloropropane	11.079	75	90651	23.334	ug/l #	38
78) n-propylbenzene	11.305	91	233703	15.519	ug/l	100
79) 2-Chlorotoluene	11.378	91	33047	3.544	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.451	105	45624	4.052	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	90651	77.625	ug/l #	15
82) 4-Chlorotoluene	11.378	91	33047	3.108	ug/l #	46
83) tert-Butylbenzene	11.756	119	175516	15.986	ug/l #	54
84) 1,2,4-Trimethylbenzene	11.756	105	1447405	128.877	ug/l	100
85) sec-Butylbenzene	11.756	105	1447405	106.369	ug/l #	56
86) p-Isopropyltoluene	11.969	119	17944	1.575	ug/l	96
89) n-Butylbenzene	12.335	91	28959	3.012	ug/l #	68
90) Hexachloroethane	12.536	117	11474	7.033	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.963	75	1100	1.148	ug/l #	1
95) Naphthalene	13.780	128	444364	35.523	ug/l	100

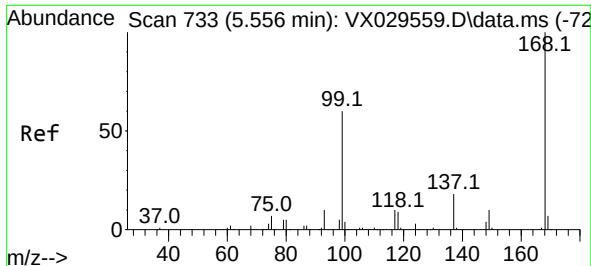
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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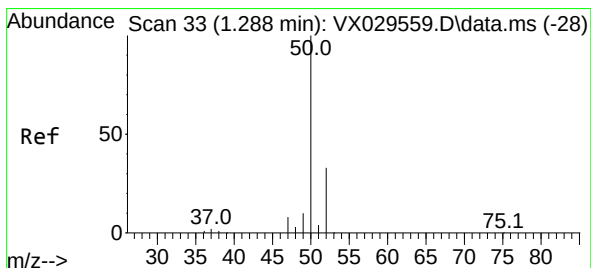
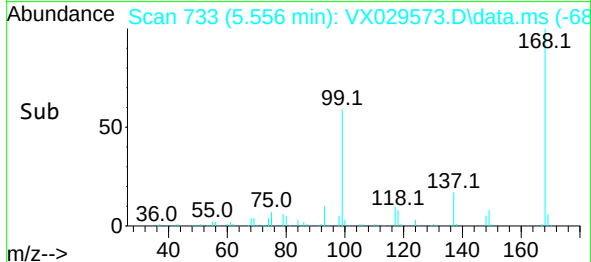
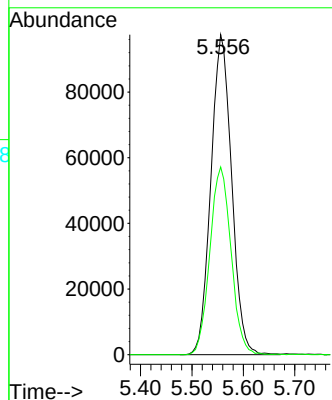
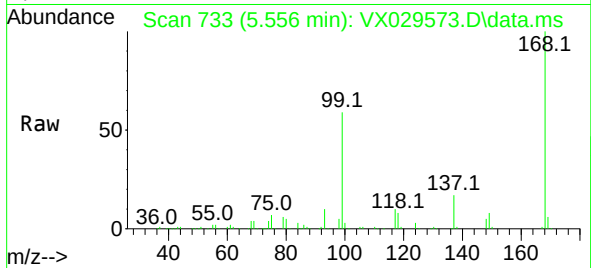




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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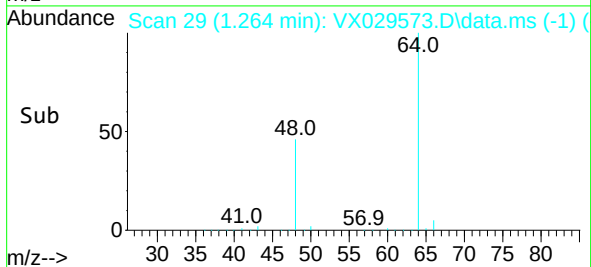
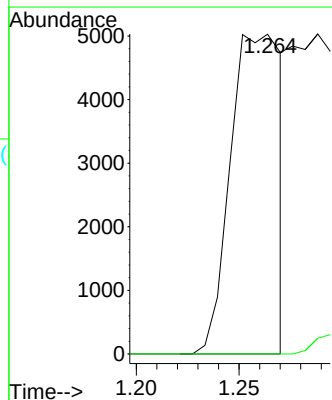
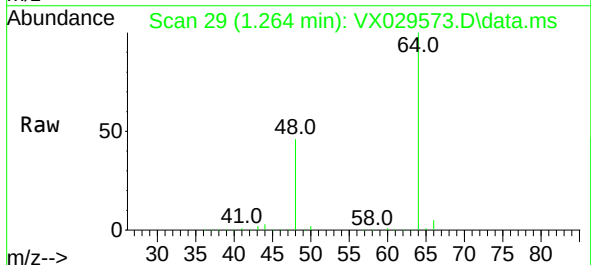
Instrument :
MSVOA_X
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MW-17

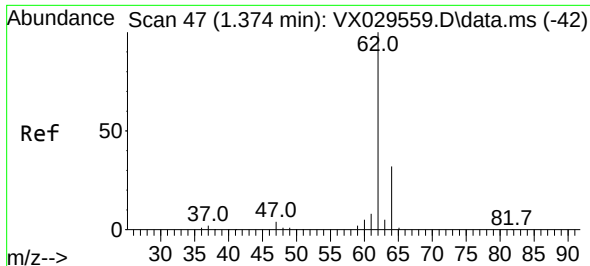
Tgt Ion:168 Resp: 272839
Ion Ratio Lower Upper
168 100
99 58.6 41.7 62.5



#3
Chloromethane
Concen: 2.437 ug/l
RT: 1.264 min Scan# 29
Delta R.T. -0.024 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

Tgt Ion: 50 Resp: 8676
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

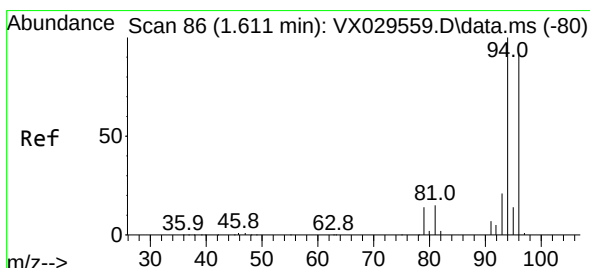
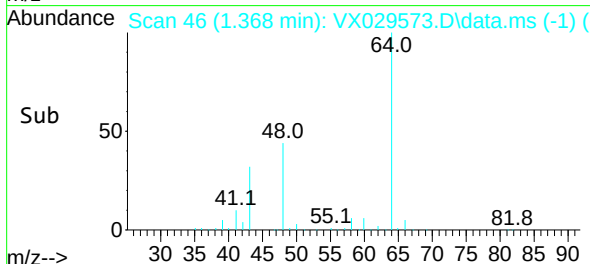
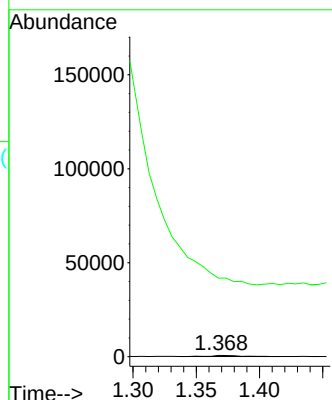
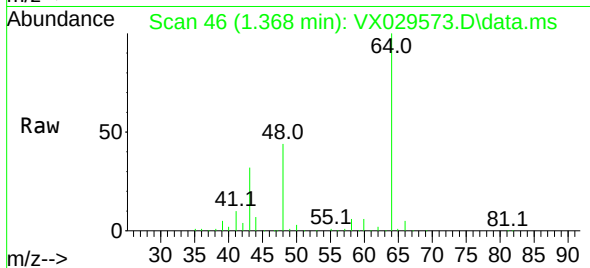




#4
 Vinyl Chloride
 Concen: 0.298 ug/l
 RT: 1.368 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX029573.D
 Acq: 18 Jun 2022 16:36

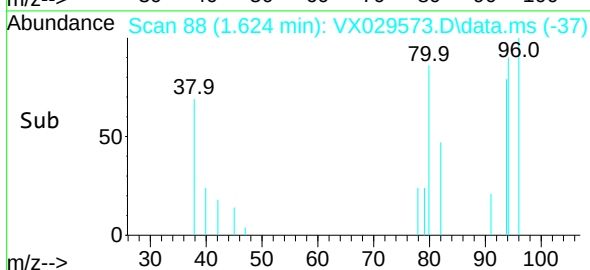
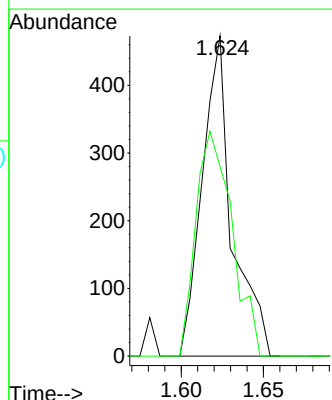
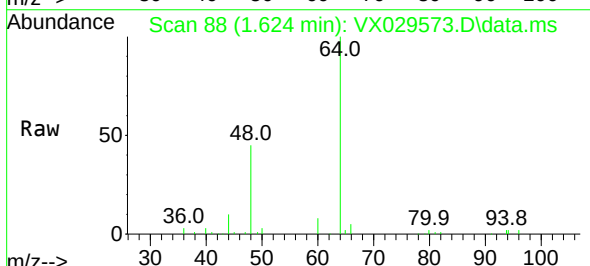
Instrument :
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 MW-17

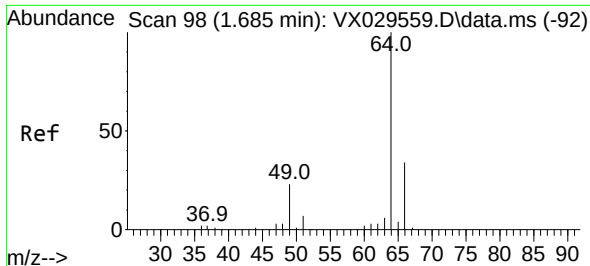
Tgt Ion: 62 Resp: 976
 Ion Ratio Lower Upper
 62 100
 64 562.2 25.5 38.3#



#5
 Bromomethane
 Concen: 0.357 ug/l
 RT: 1.624 min Scan# 88
 Delta R.T. 0.013 min
 Lab File: VX029573.D
 Acq: 18 Jun 2022 16:36

Tgt Ion: 94 Resp: 597
 Ion Ratio Lower Upper
 94 100
 96 59.2 75.3 112.9#

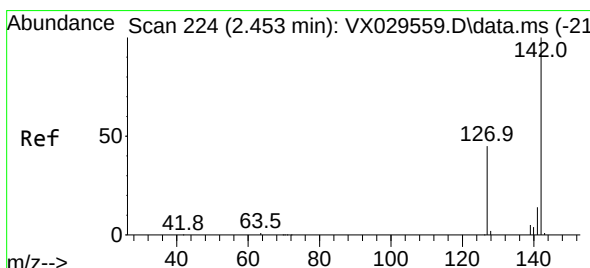
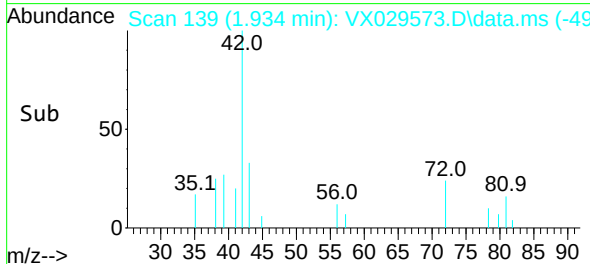
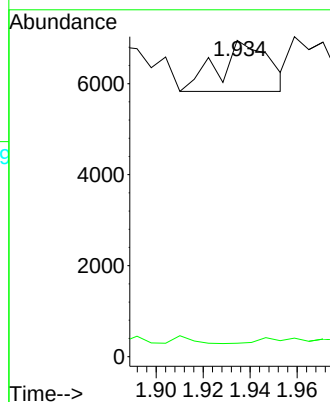
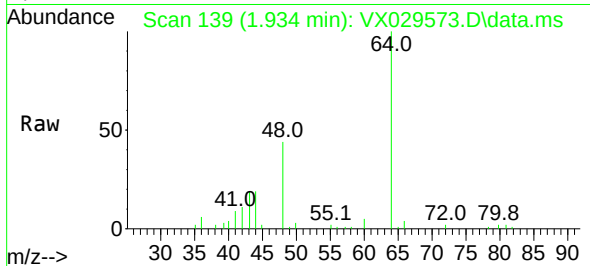




#6
Chloroethane
Concen: 1.917 ug/l
RT: 1.934 min Scan# 11
Delta R.T. 0.249 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

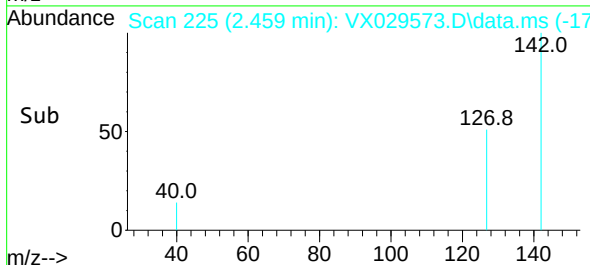
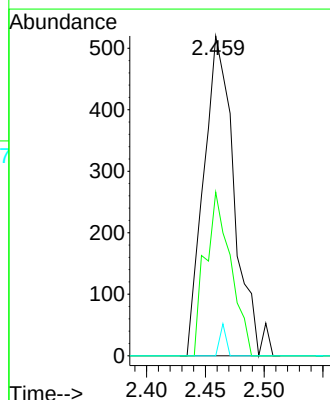
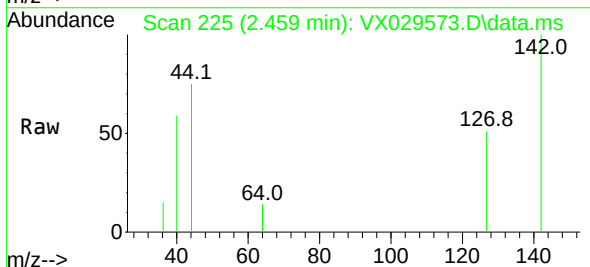
Instrument :
MSVOA_X
ClientSampleId :
MW-17

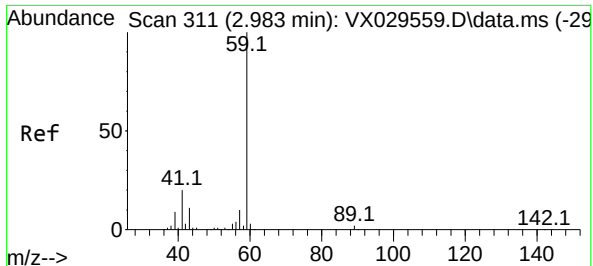
Tgt Ion: 64 Resp: 1645
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 3.288 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

Tgt Ion: 142 Resp: 939
Ion Ratio Lower Upper
142 100
127 42.6 33.9 50.9
141 2.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 1.187 ug/l

RT: 2.977 min Scan# 311

Delta R.T. -0.006 min

Lab File: VX029573.D

Acq: 18 Jun 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

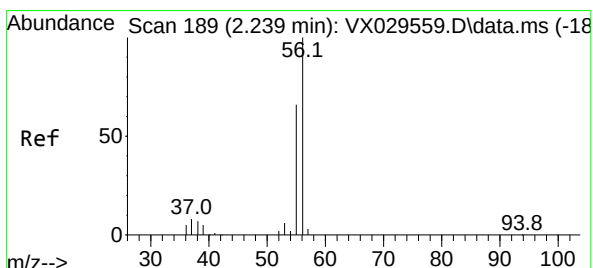
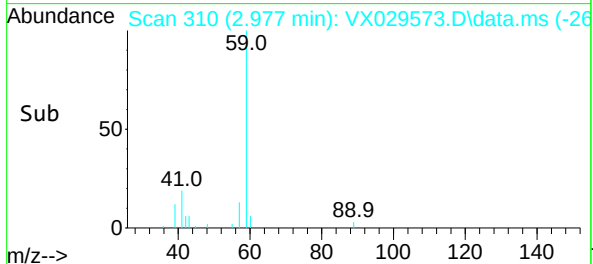
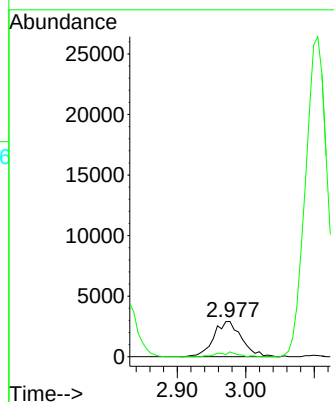
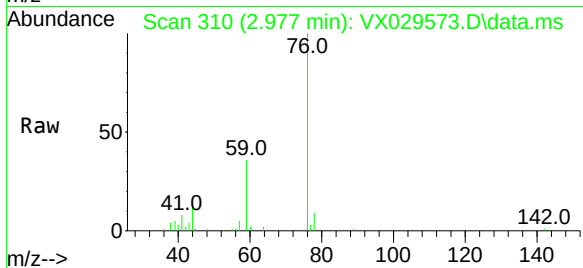
MW-17

Tgt Ion: 59 Resp: 8183

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: 0.372 ug/l

RT: 2.221 min Scan# 186

Delta R.T. -0.018 min

Lab File: VX029573.D

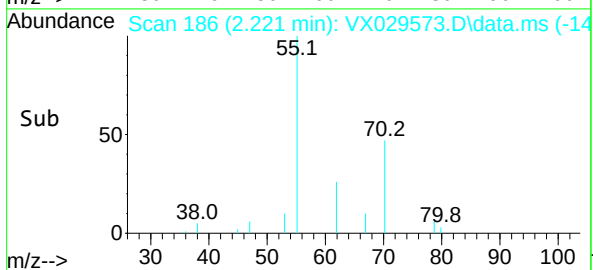
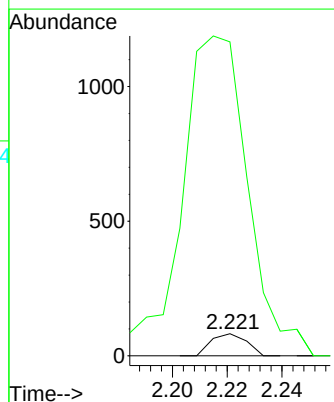
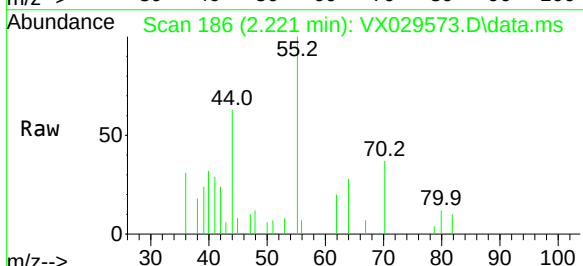
Acq: 18 Jun 2022 16:36

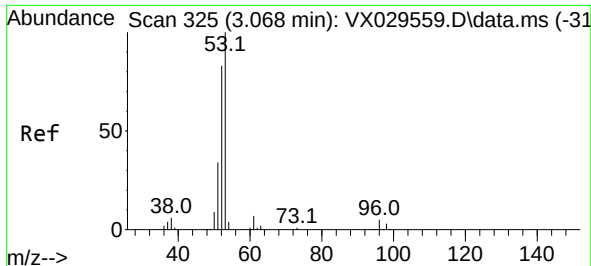
Tgt Ion: 56 Resp: 74

Ion Ratio Lower Upper

56 100

55 2643.2 55.0 82.6#





#15

Acrylonitrile

Concen: 1.200 ug/l

RT: 3.105 min Scan# 31

Delta R.T. 0.037 min

Lab File: VX029573.D

Acq: 18 Jun 2022 16:36

Instrument :

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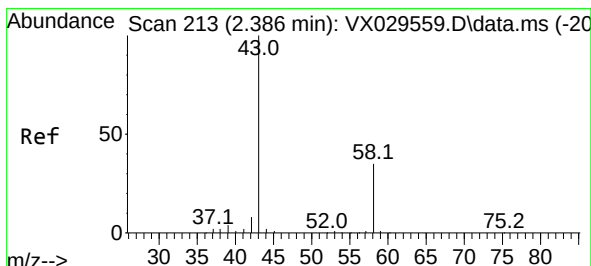
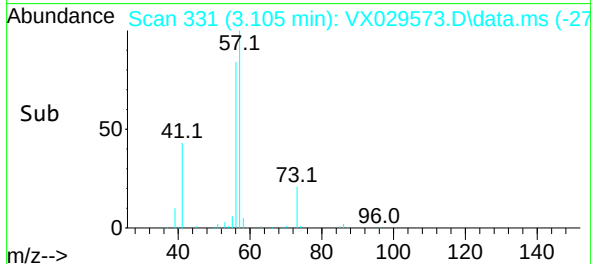
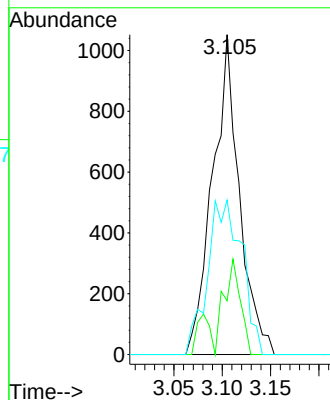
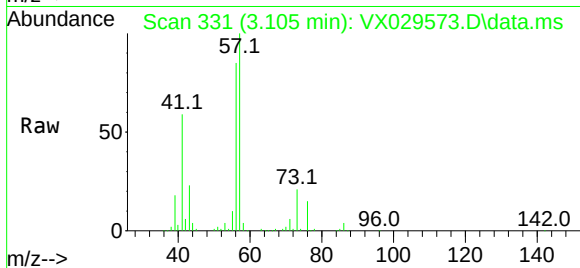
Tgt Ion: 53 Resp: 2027

Ion Ratio Lower Upper

53 100

52 18.2 65.7 98.5#

51 62.0 28.4 42.6#



#16

Acetone

Concen: 4.950 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX029573.D

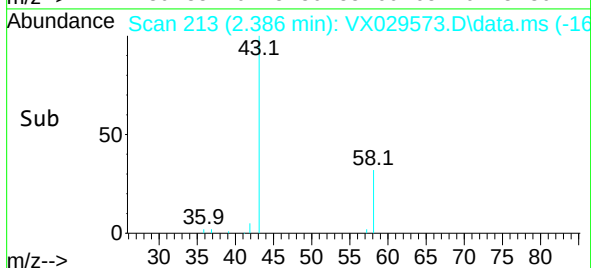
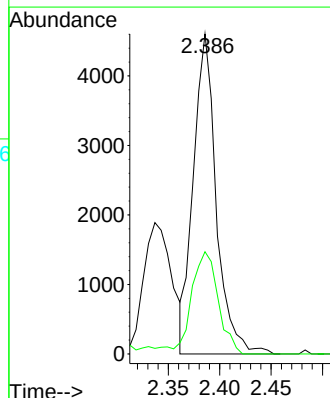
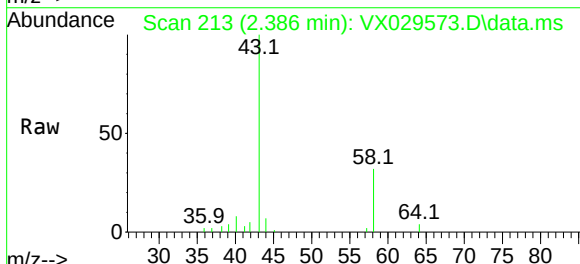
Acq: 18 Jun 2022 16:36

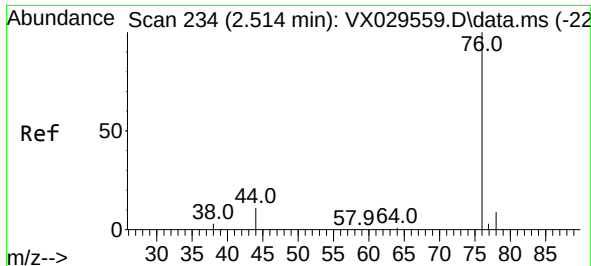
Tgt Ion: 43 Resp: 7126

Ion Ratio Lower Upper

43 100

58 31.9 28.8 43.2

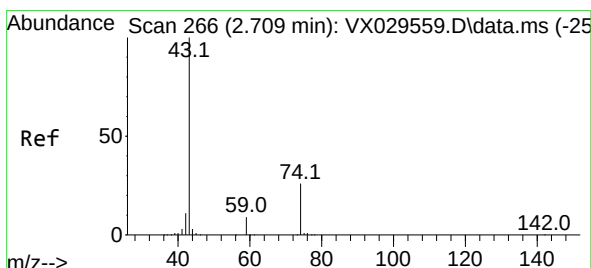
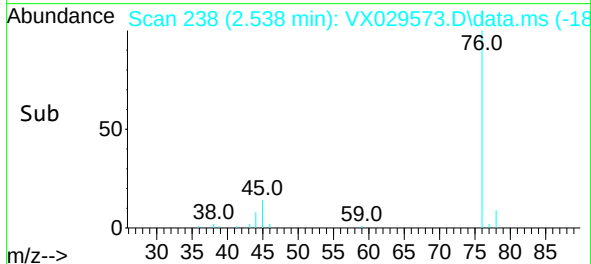
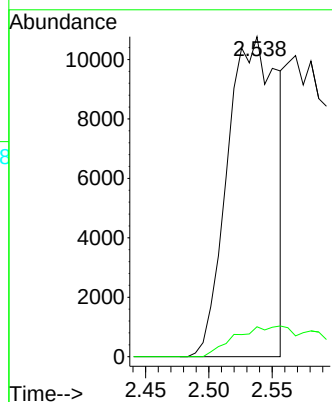
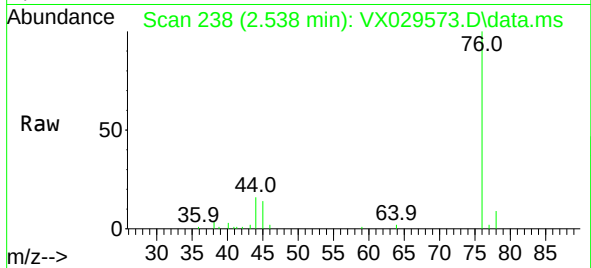




#17
Carbon Disulfide
Concen: 4.097 ug/l
RT: 2.538 min Scan# 21
Delta R.T. 0.024 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

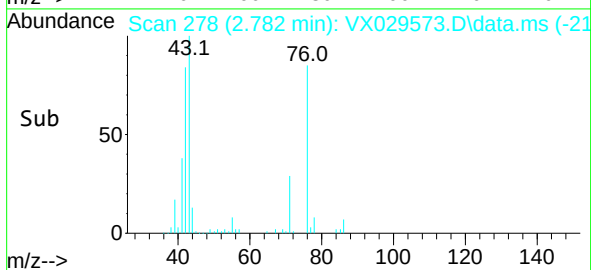
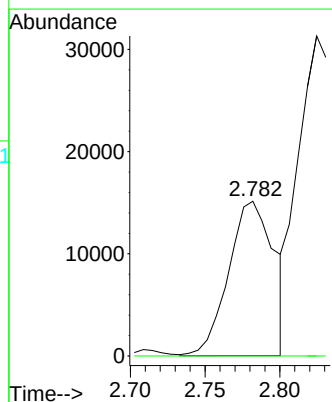
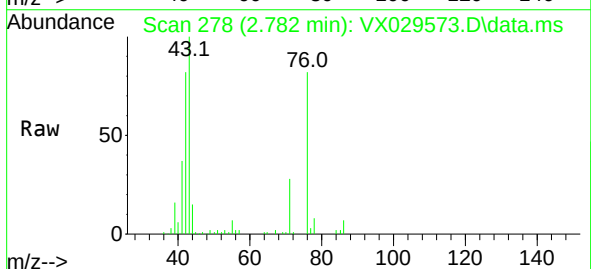
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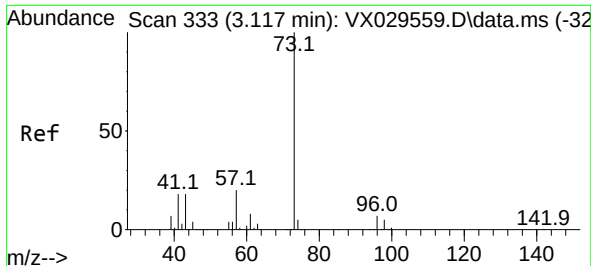
Tgt Ion: 76 Resp: 29361
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 8.375 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.073 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

Tgt Ion: 43 Resp: 31878
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#





#19

Methyl tert-butyl Ether

Concen: 1.735 ug/l

RT: 3.111 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX029573.D

Acq: 18 Jun 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

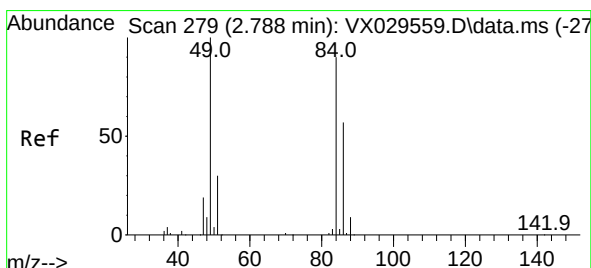
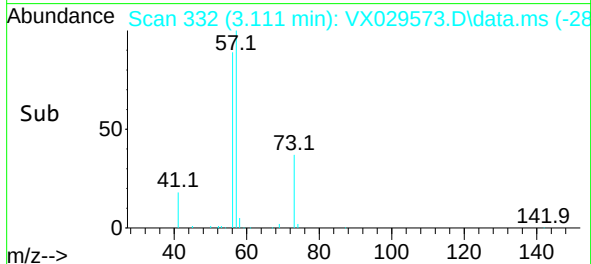
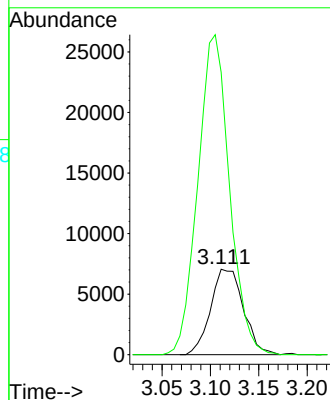
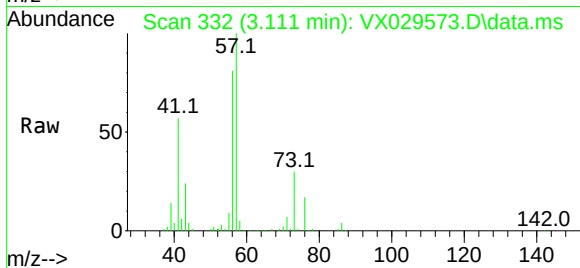
MW-17

Tgt Ion: 73 Resp: 16648

Ion Ratio Lower Upper

73 100

57 330.7 16.8 25.2#



#20

Methylene Chloride

Concen: 0.233 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX029573.D

Acq: 18 Jun 2022 16:36

Tgt Ion: 84 Resp: 746

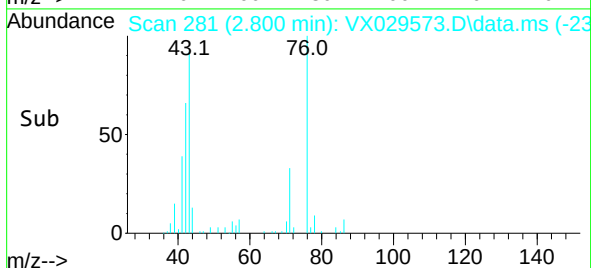
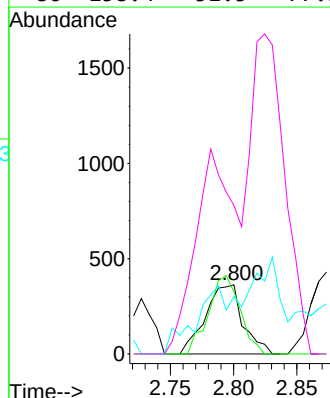
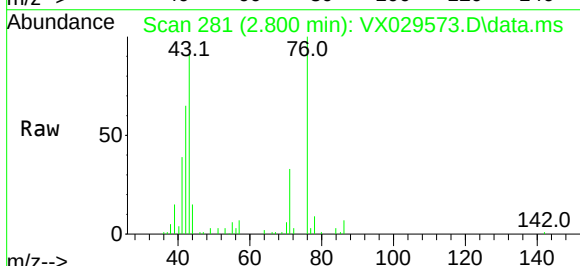
Ion Ratio Lower Upper

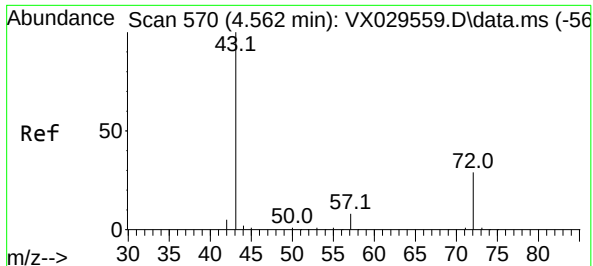
84 100

49 89.8 85.5 128.3

51 55.9 26.6 39.8#

86 158.4 51.5 77.3#





#25

2-Butanone

Concen: 0.995 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX029573.D

Acq: 18 Jun 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

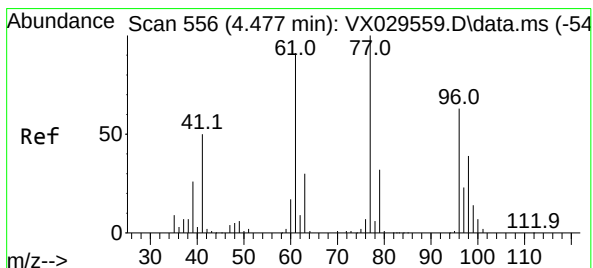
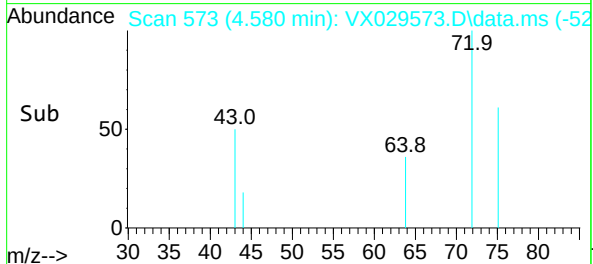
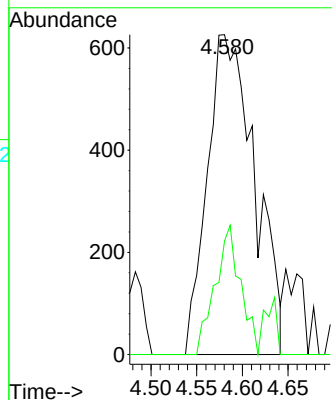
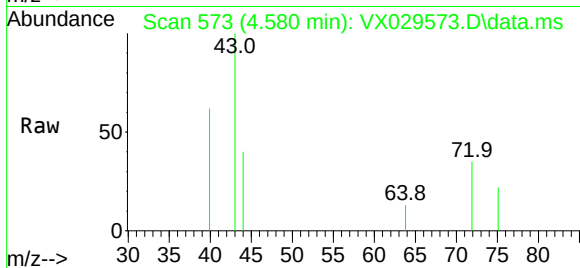
MW-17

Tgt Ion: 43 Resp: 2264

Ion Ratio Lower Upper

43 100

72 35.5 24.4 36.6



#26

2,2-Dichloropropane

Concen: 0.214 ug/l

RT: 4.312 min Scan# 529

Delta R.T. -0.165 min

Lab File: VX029573.D

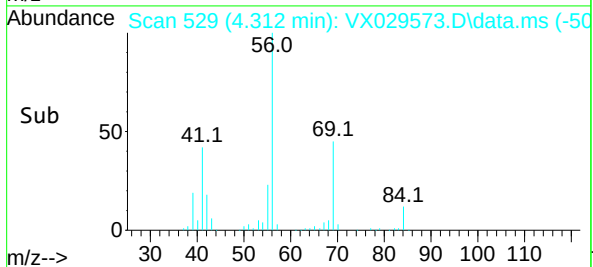
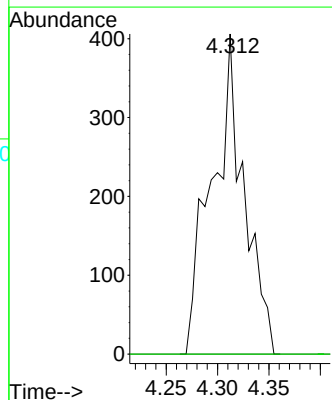
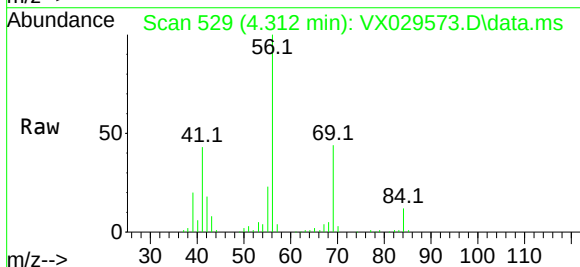
Acq: 18 Jun 2022 16:36

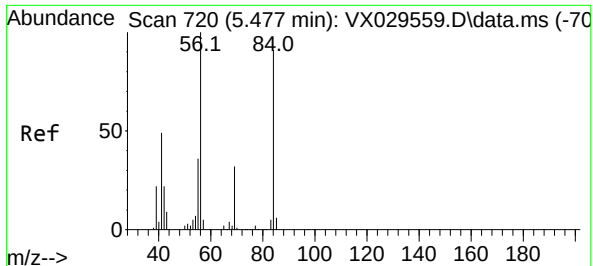
Tgt Ion: 77 Resp: 883

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#

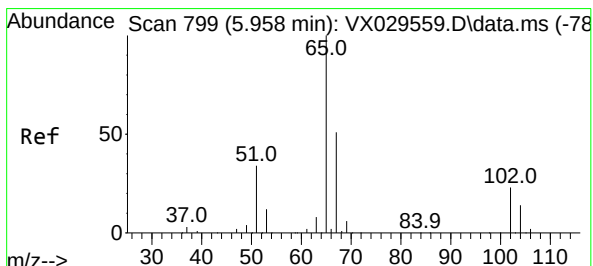
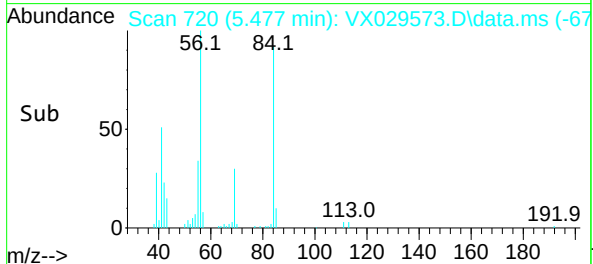
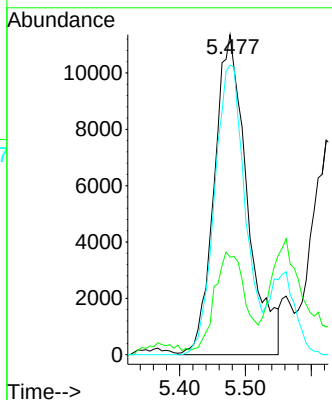
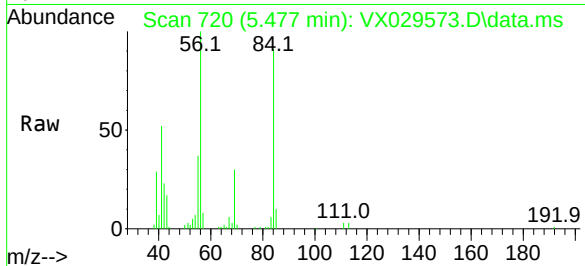




#31
Cyclohexane
Concen: 8.154 ug/l
RT: 5.477 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

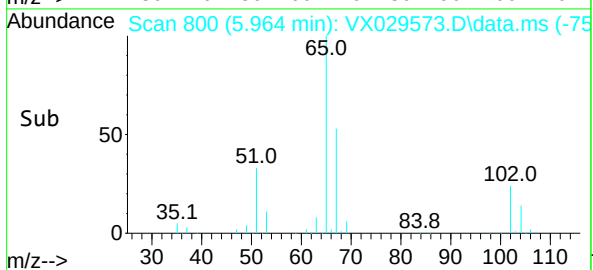
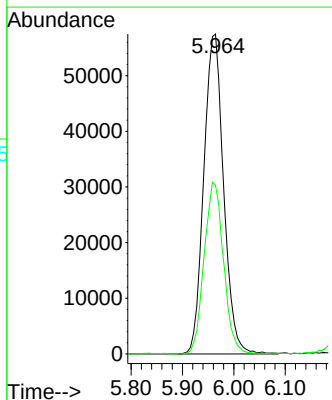
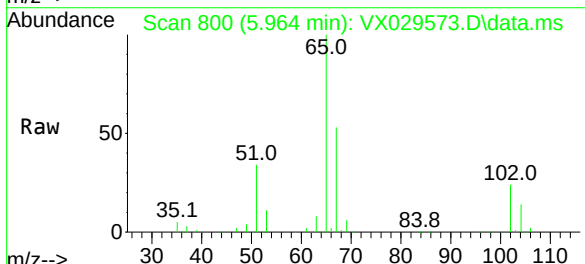
Instrument :
MSVOA_X
ClientSampleId :
MW-17

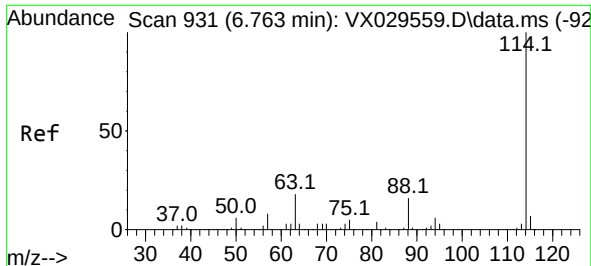
Tgt Ion: 56 Resp: 39535
Ion Ratio Lower Upper
56 100
69 27.6 26.7 40.1
84 90.9 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 42.620 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

Tgt Ion: 65 Resp: 153927
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.4

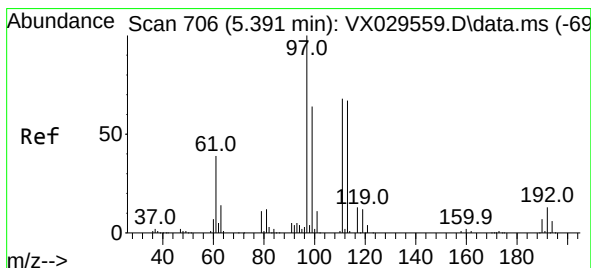
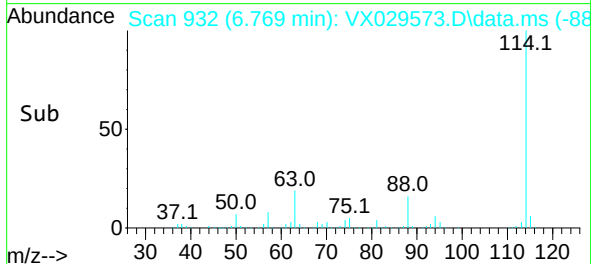
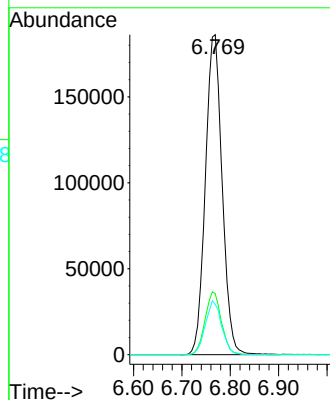
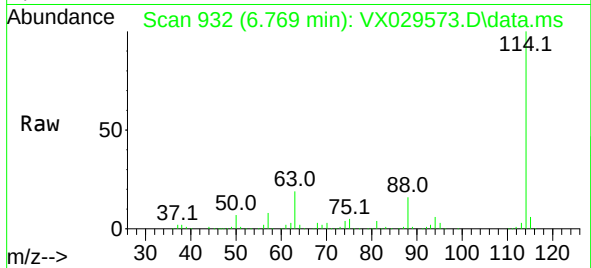




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

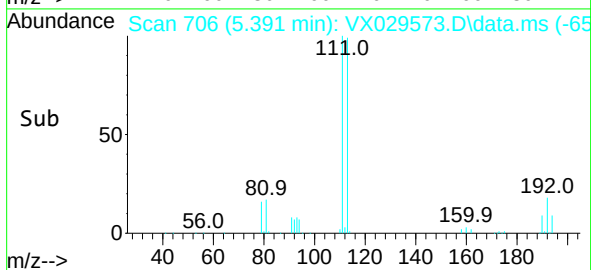
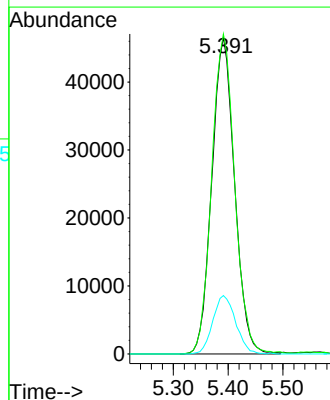
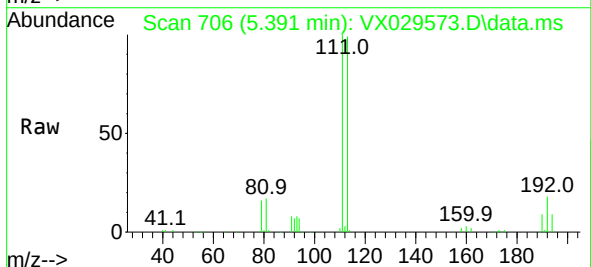
Instrument :
MSVOA_X
ClientSampleId :
MW-17

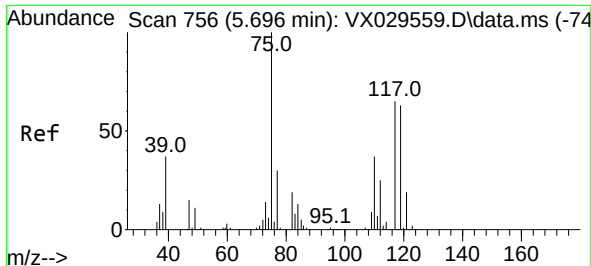
Tgt Ion:114 Resp: 448460
Ion Ratio Lower Upper
114 100
63 19.1 0.0 36.8
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.885 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

Tgt Ion:113 Resp: 134100
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 18.5 16.9 25.3

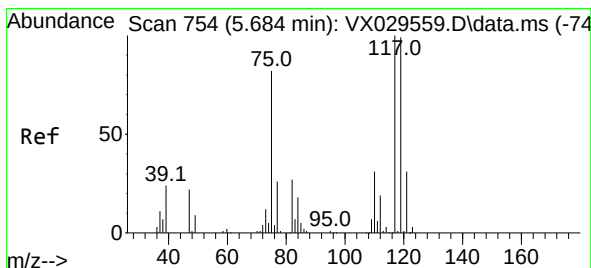
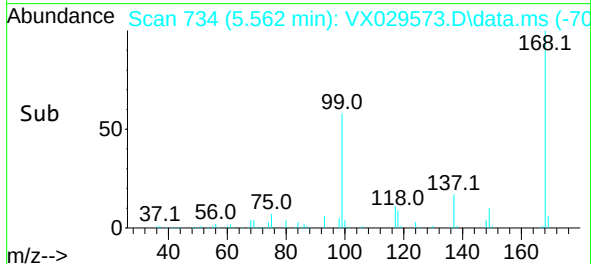
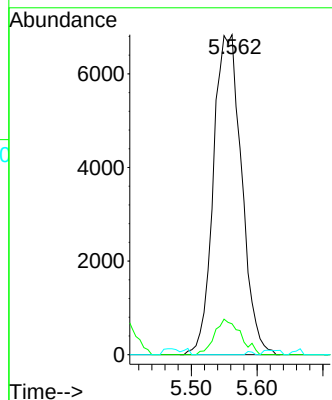
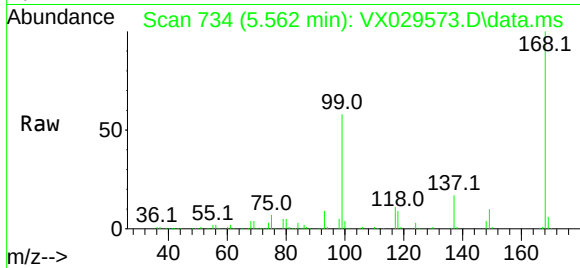




#36
1,1-Dichloropropene
Concen: 5.156 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.134 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

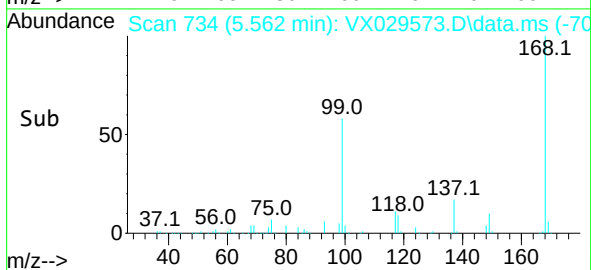
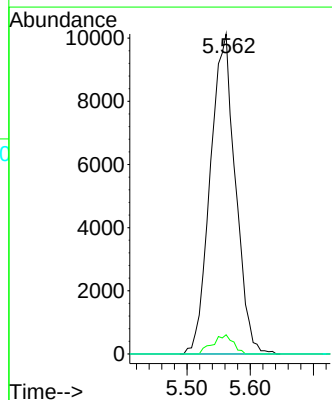
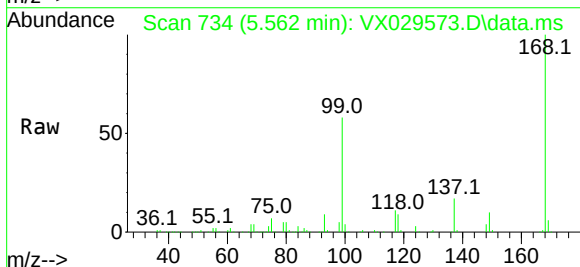
Instrument :
MSVOA_X
ClientSampleId :
MW-17

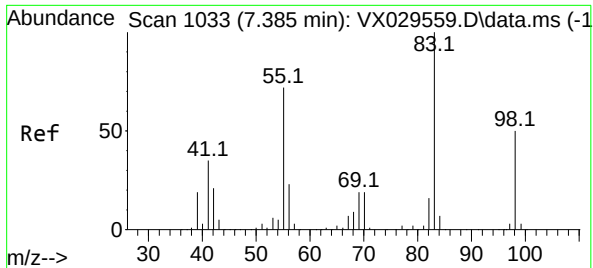
Tgt Ion: 75 Resp: 20396
Ion Ratio Lower Upper
75 100
110 10.2 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 7.192 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

Tgt Ion: 117 Resp: 27974
Ion Ratio Lower Upper
117 100
119 6.0 77.3 115.9#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 9.570 ug/l

RT: 7.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029573.D

Acq: 18 Jun 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

MW-17

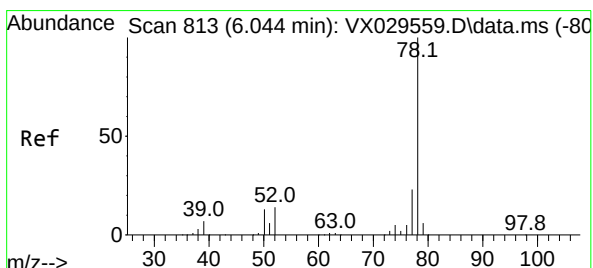
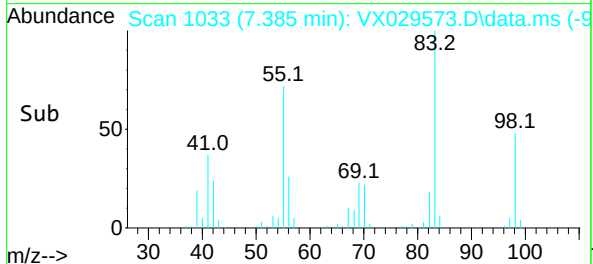
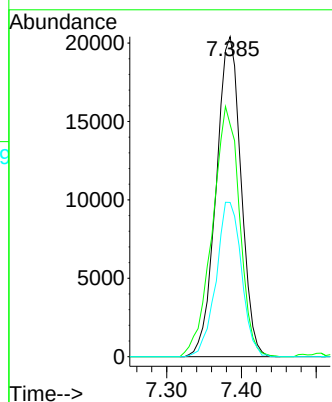
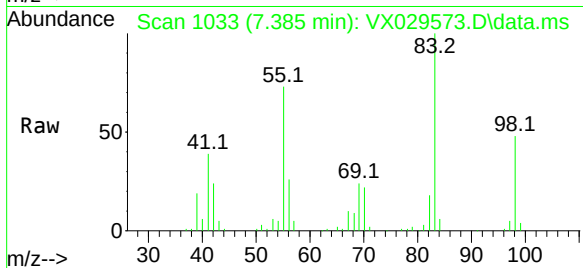
Tgt Ion: 83 Resp: 47196

Ion Ratio Lower Upper

83 100

55 72.6 54.6 81.8

98 48.2 37.4 56.2



#40

Benzene

Concen: 27.963 ug/l

RT: 6.043 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX029573.D

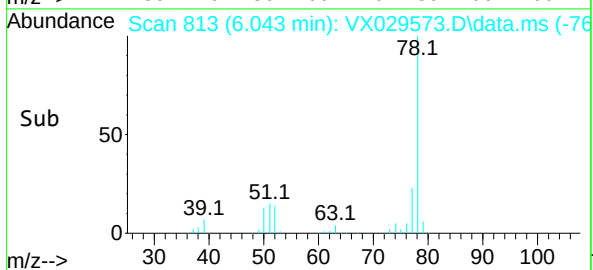
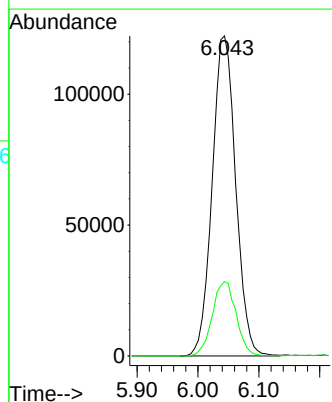
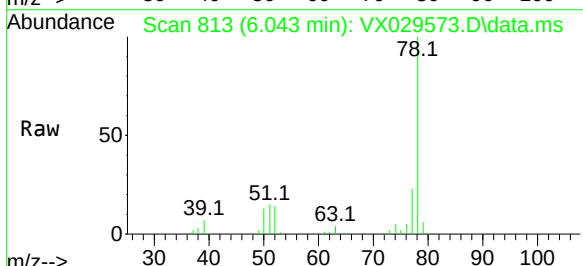
Acq: 18 Jun 2022 16:36

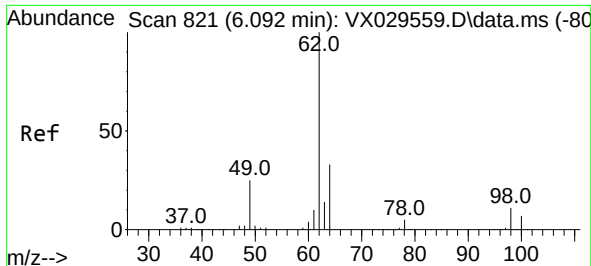
Tgt Ion: 78 Resp: 327870

Ion Ratio Lower Upper

78 100

77 23.2 19.3 28.9





#42

1,2-Dichloroethane

Concen: 0.785 ug/l

RT: 6.050 min Scan# 81

Delta R.T. -0.042 min

Lab File: VX029573.D

Acq: 18 Jun 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

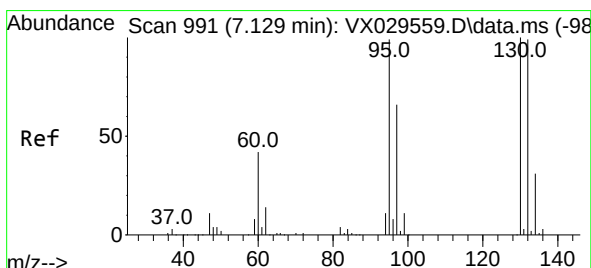
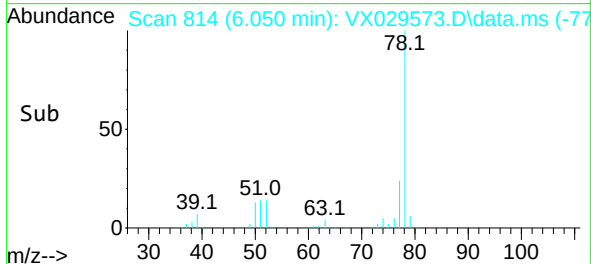
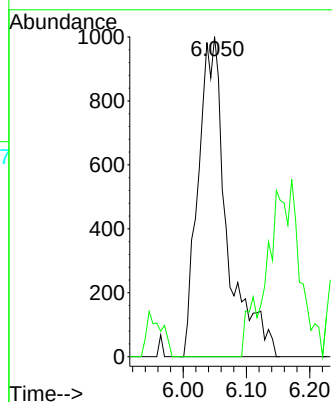
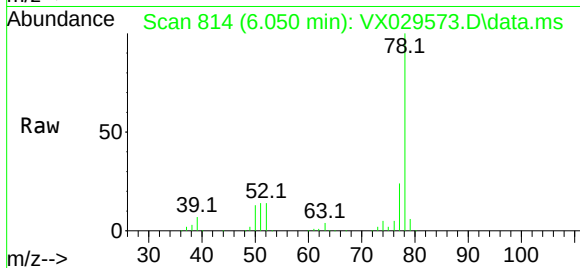
MW-17

Tgt Ion: 62 Resp: 3164

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.4



#44

Trichloroethene

Concen: Below Cal

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX029573.D

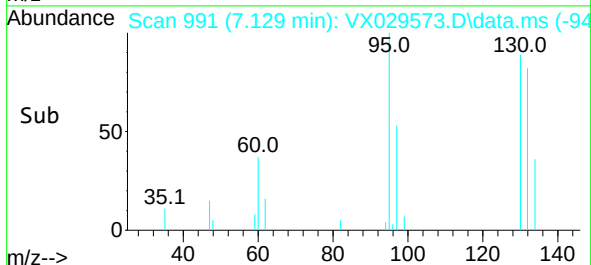
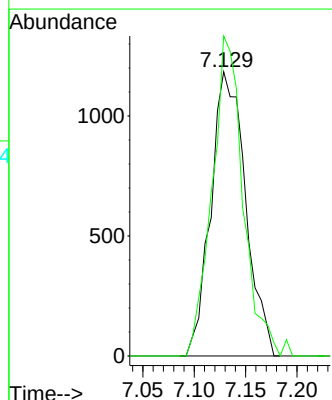
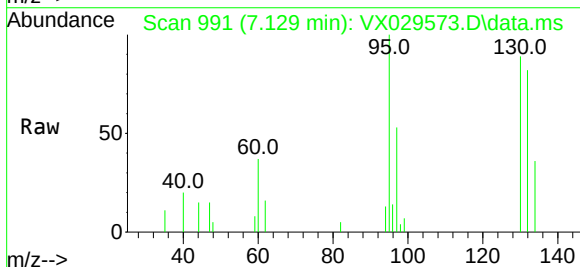
Acq: 18 Jun 2022 16:36

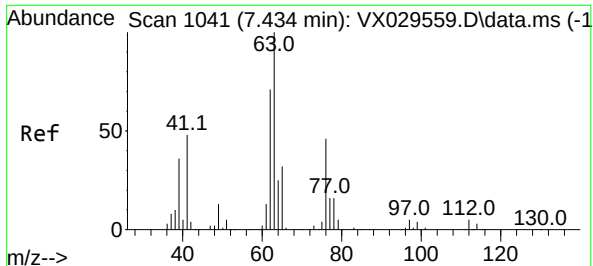
Tgt Ion:130 Resp: 2775

Ion Ratio Lower Upper

130 100

95 112.6 0.0 188.8





#45

1,2-Dichloropropane

Concen: 0.203 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.055 min

Lab File: VX029573.D

Acq: 18 Jun 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

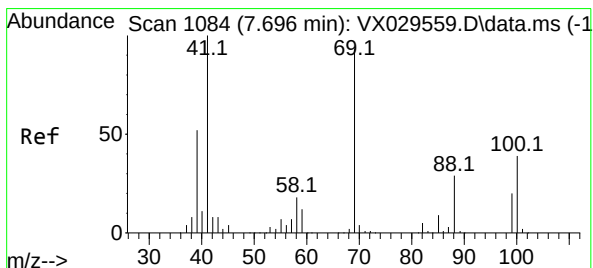
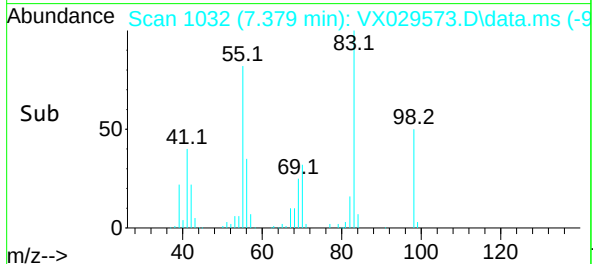
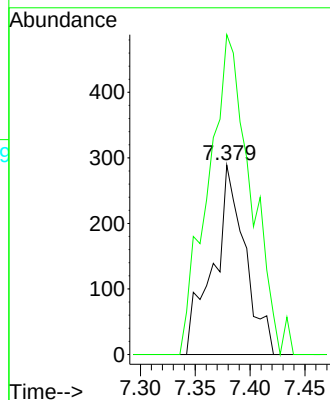
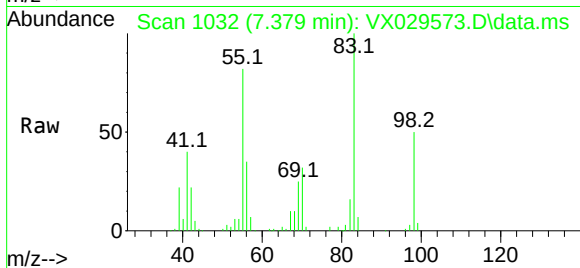
MW-17

Tgt Ion: 63 Resp: 583

Ion Ratio Lower Upper

63 100

65 168.9 25.8 38.6#



#48

Methyl methacrylate

Concen: 1.494 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.037 min

Lab File: VX029573.D

Acq: 18 Jun 2022 16:36

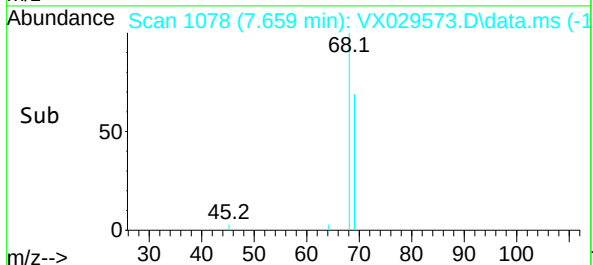
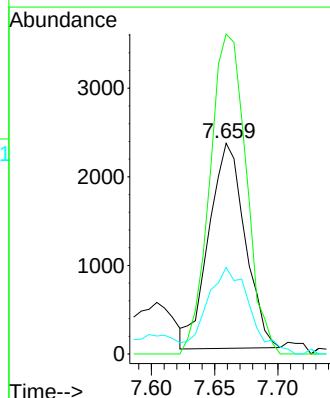
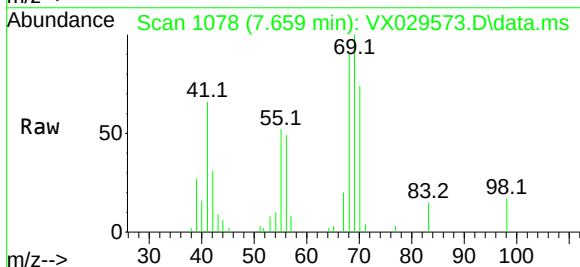
Tgt Ion: 41 Resp: 4619

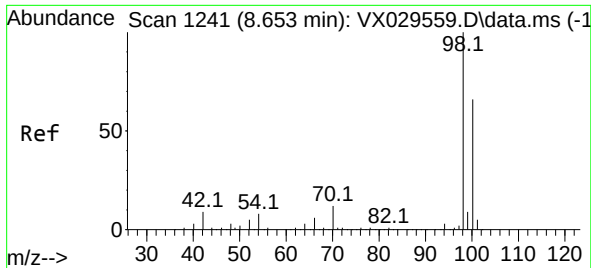
Ion Ratio Lower Upper

41 100

69 156.7 82.5 123.7#

39 49.8 43.8 65.8

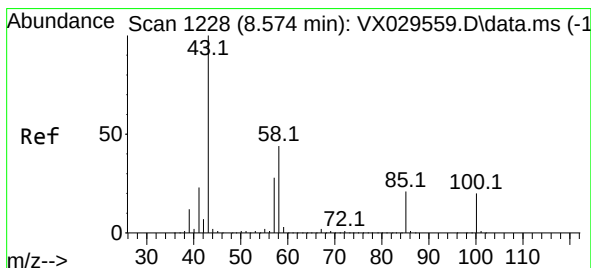
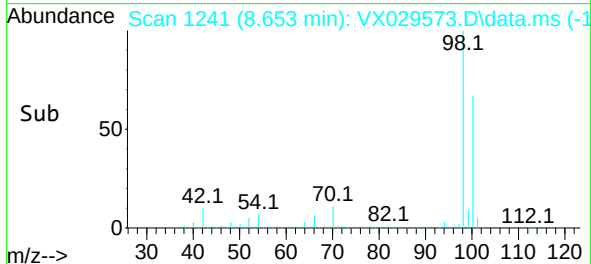
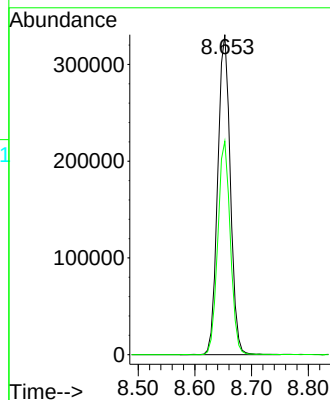
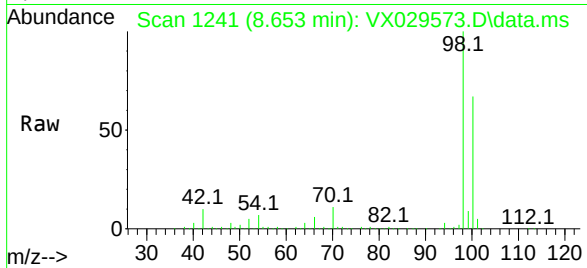




#50
Toluene-d8
Concen: 47.928 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

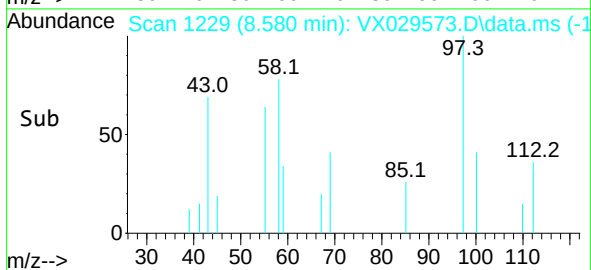
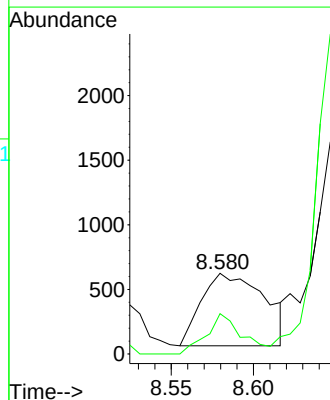
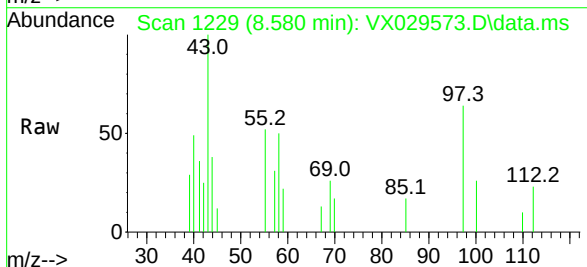
Instrument :
MSVOA_X
ClientSampleId :
MW-17

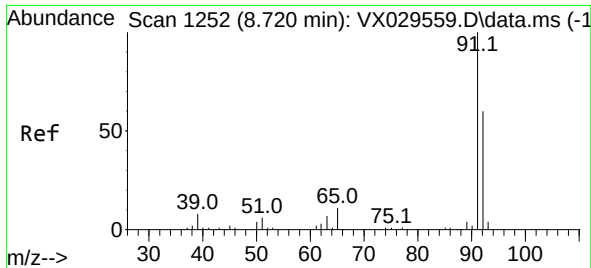
Tgt Ion: 98 Resp: 511706
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.367 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

Tgt Ion: 43 Resp: 1493
Ion Ratio Lower Upper
43 100
58 31.8 36.1 54.1#





#52

Toluene

Concen: 6.527 ug/l

RT: 8.720 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VX029573.D

Acq: 18 Jun 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

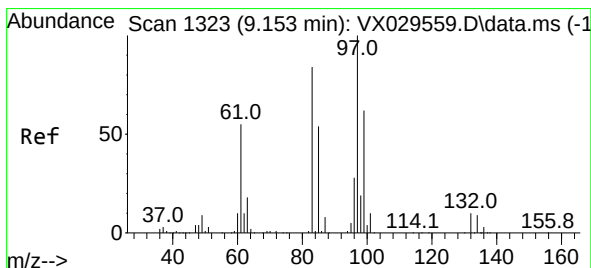
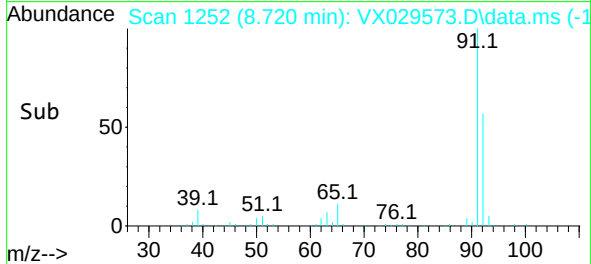
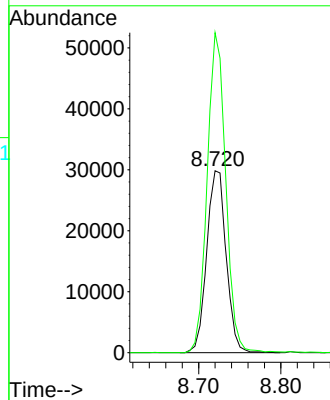
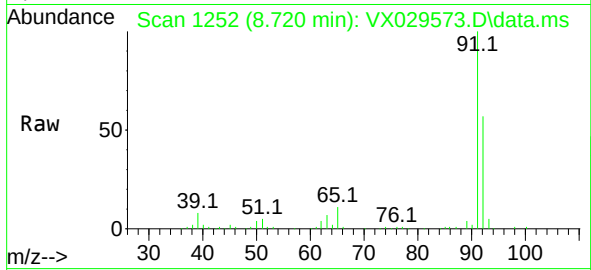
MW-17

Tgt Ion: 92 Resp: 49004

Ion Ratio Lower Upper

92 100

91 167.7 137.5 206.3



#55

1,1,2-Trichloroethane

Concen: 1.784 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.049 min

Lab File: VX029573.D

Acq: 18 Jun 2022 16:36

Tgt Ion: 97 Resp: 5417

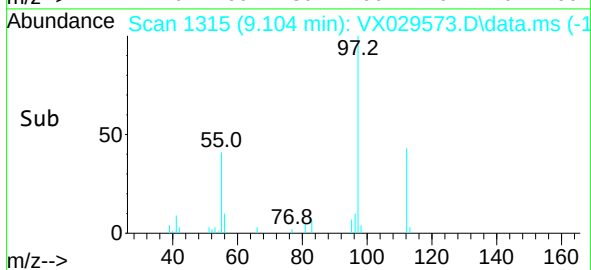
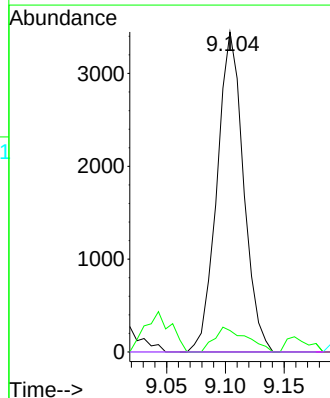
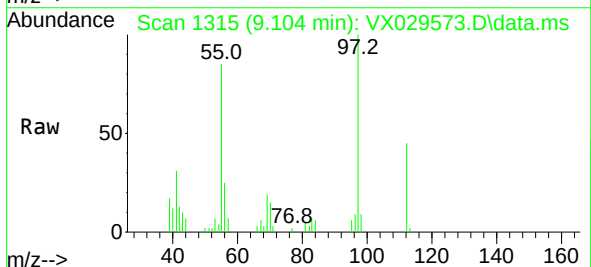
Ion Ratio Lower Upper

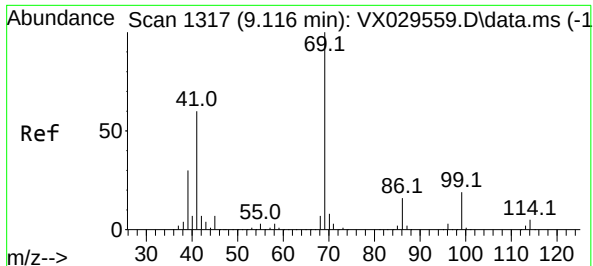
97 100

83 6.7 66.2 99.4#

85 0.0 42.9 64.3#

99 0.0 49.0 73.6#





#56

Ethyl methacrylate

Concen: 0.276 ug/l

RT: 9.098 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX029573.D

Acq: 18 Jun 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

MW-17

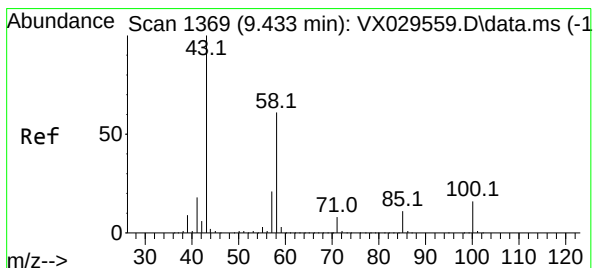
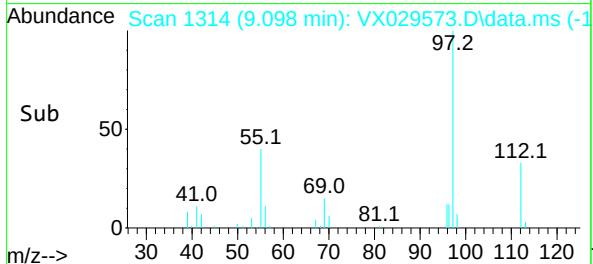
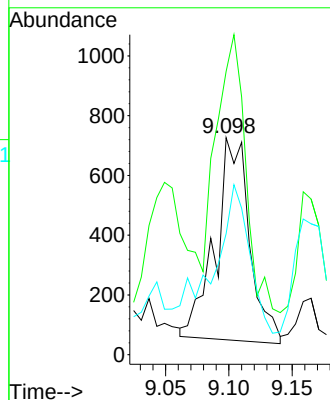
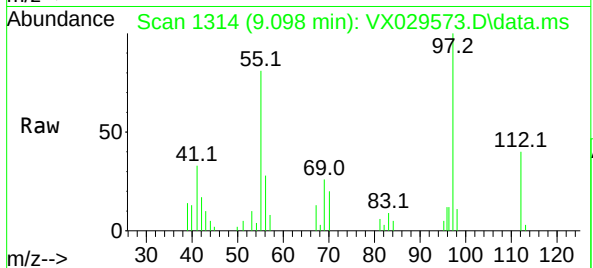
Tgt Ion: 69 Resp: 1268

Ion Ratio Lower Upper

69 100

41 118.8 43.8 65.6#

39 78.1 22.2 33.2#



#59

2-Hexanone

Concen: 0.303 ug/l

RT: 9.567 min Scan# 1391

Delta R.T. 0.134 min

Lab File: VX029573.D

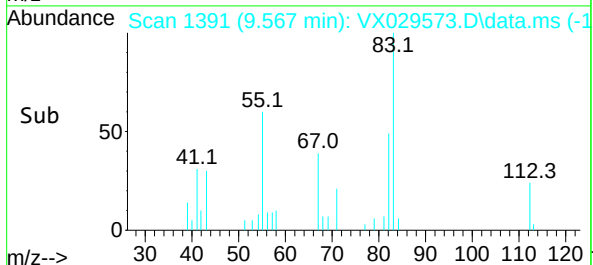
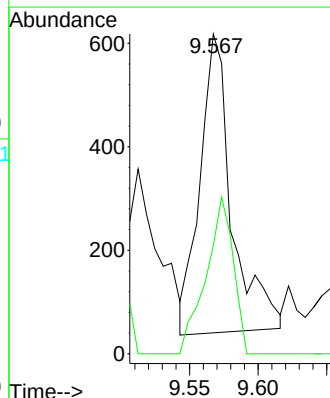
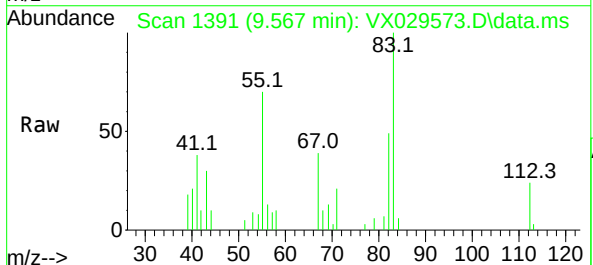
Acq: 18 Jun 2022 16:36

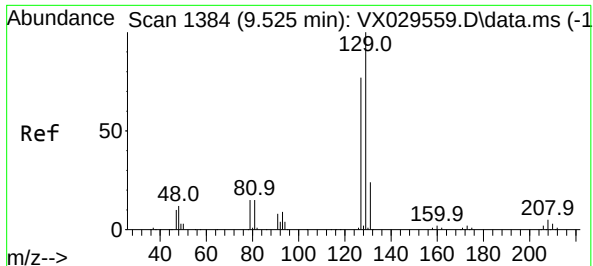
Tgt Ion: 43 Resp: 932

Ion Ratio Lower Upper

43 100

58 44.7 31.9 95.7

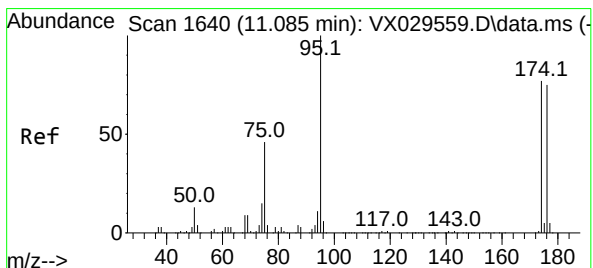
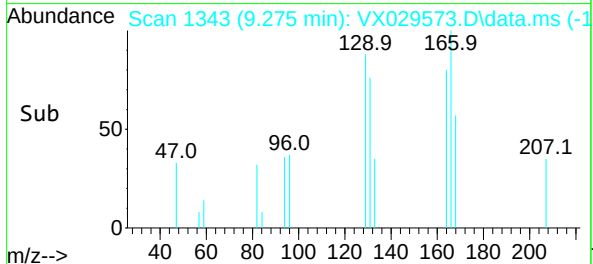
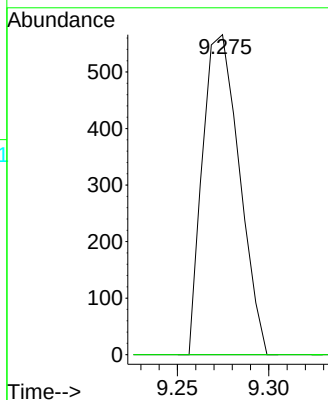
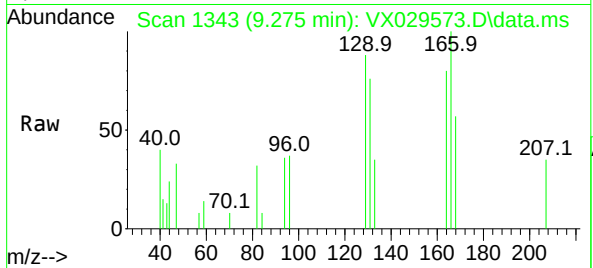




#60
Dibromochloromethane
Concen: 0.269 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

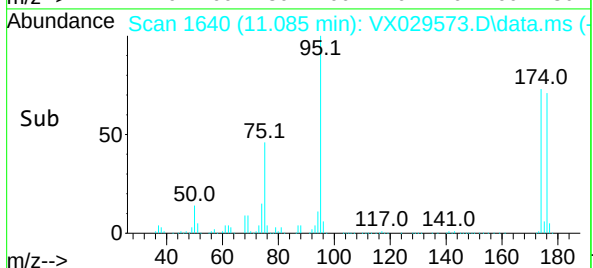
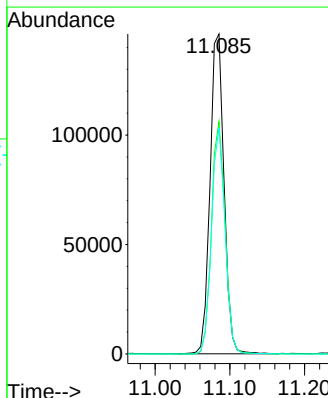
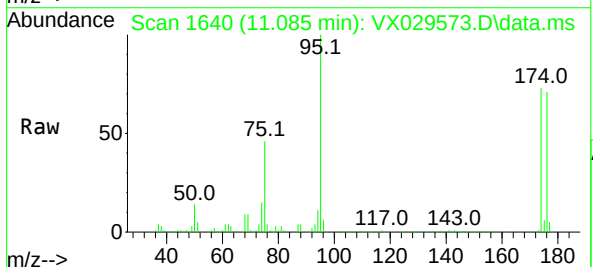
Instrument :
MSVOA_X
ClientSampleId :
MW-17

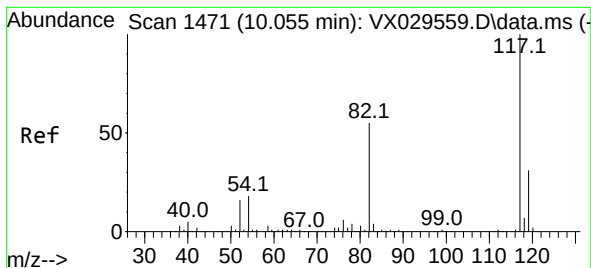
Tgt Ion:129 Resp: 794
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#



#62
4-Bromofluorobenzene
Concen: 47.205 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

Tgt Ion: 95 Resp: 190060
Ion Ratio Lower Upper
95 100
174 70.9 0.0 163.0
176 68.3 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: VX029573.D

Acq: 18 Jun 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

MW-17

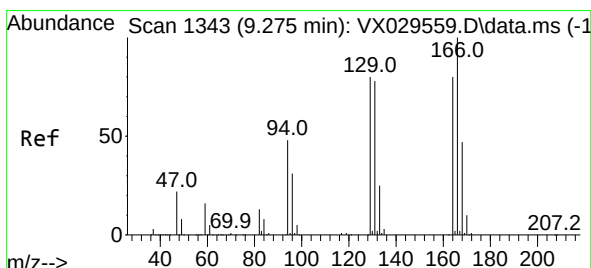
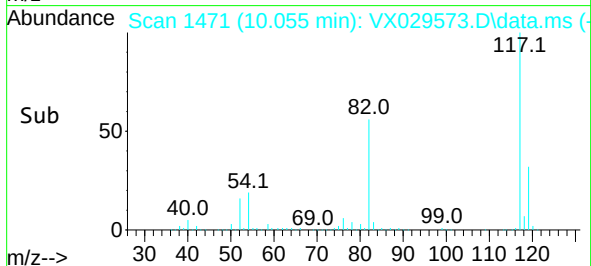
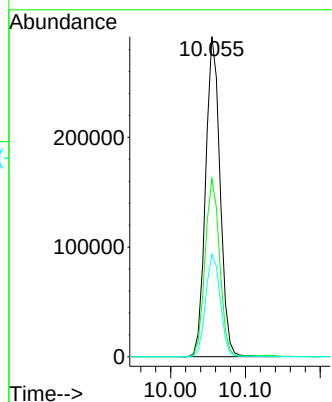
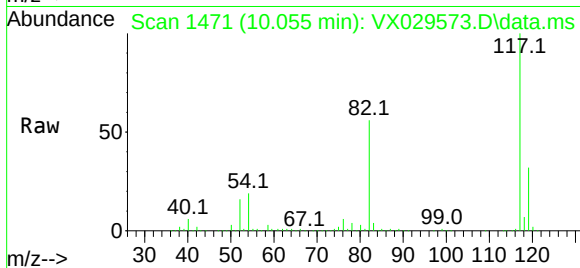
Tgt Ion:117 Resp: 391414

Ion Ratio Lower Upper

117 100

82 55.6 41.8 62.8

119 32.0 24.8 37.2



#64

Tetrachloroethene

Concen: 0.252 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX029573.D

Acq: 18 Jun 2022 16:36

Tgt Ion:164 Resp: 713

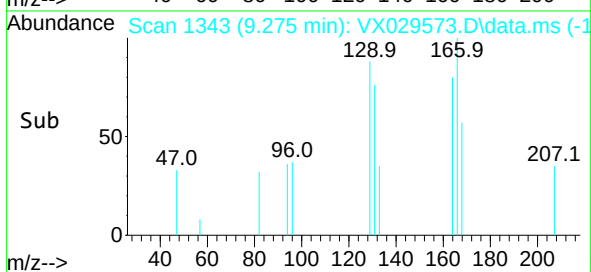
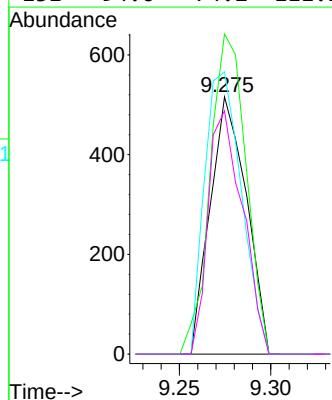
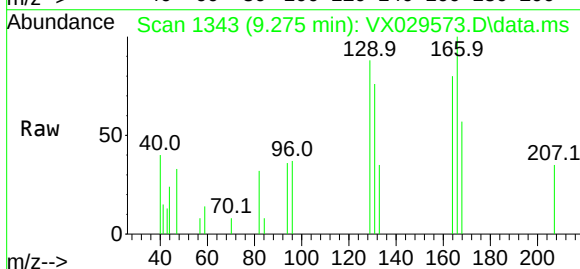
Ion Ratio Lower Upper

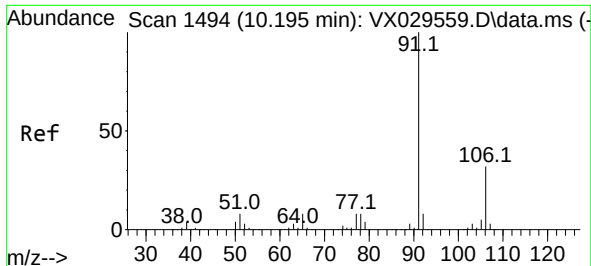
164 100

166 124.4 101.2 151.8

129 109.7 73.0 109.4

131 94.6 74.2 111.2

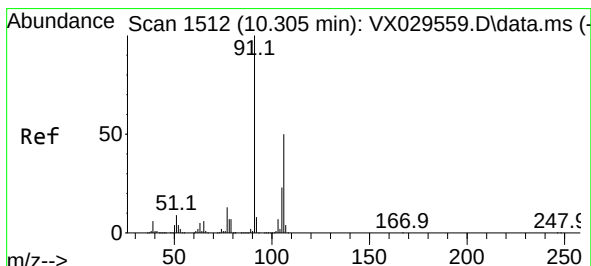
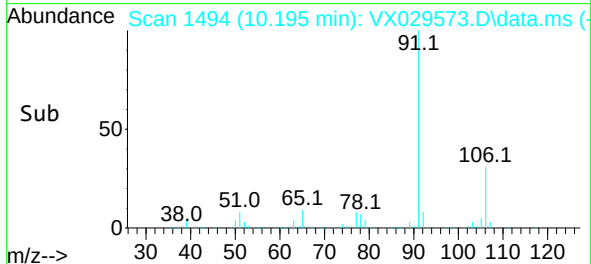
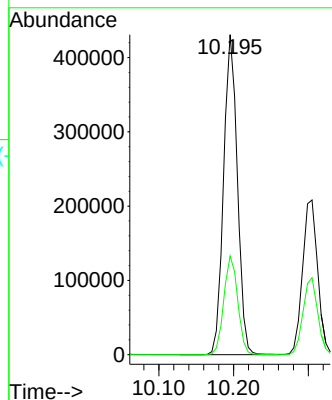
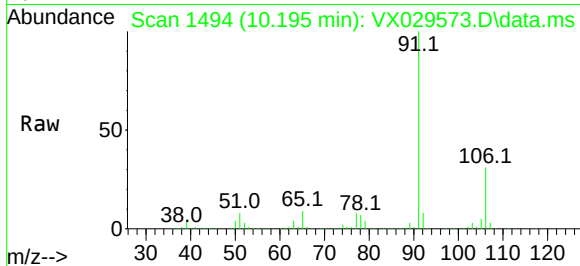




#67
Ethyl Benzene
Concen: 39.923 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

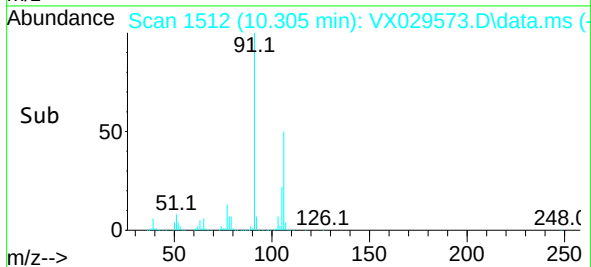
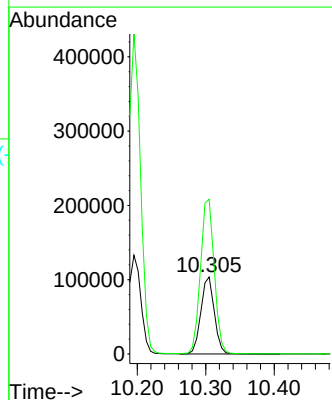
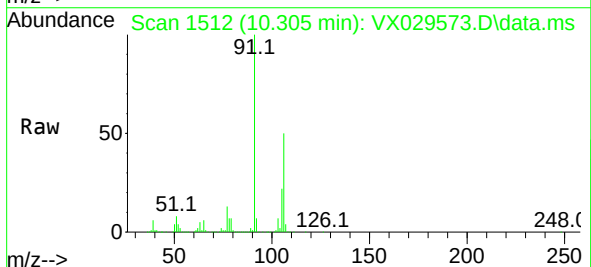
Instrument :
MSVOA_X
ClientSampleId :
MW-17

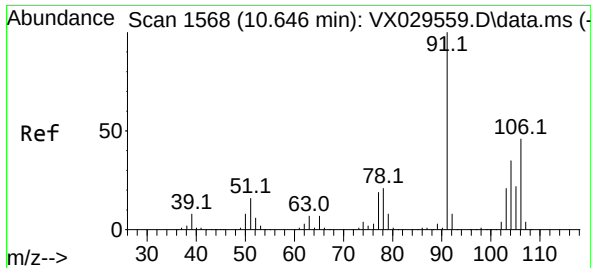
Tgt Ion: 91 Resp: 551577
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8



#68
m/p-Xylenes
Concen: 26.272 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

Tgt Ion: 106 Resp: 141553
Ion Ratio Lower Upper
106 100
91 205.9 160.4 240.6

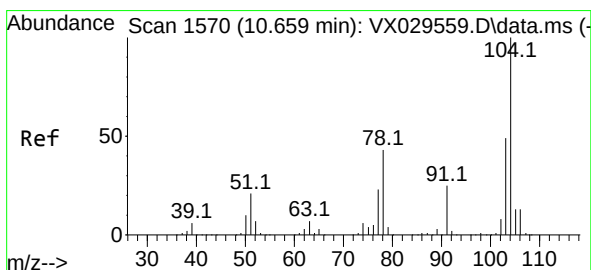
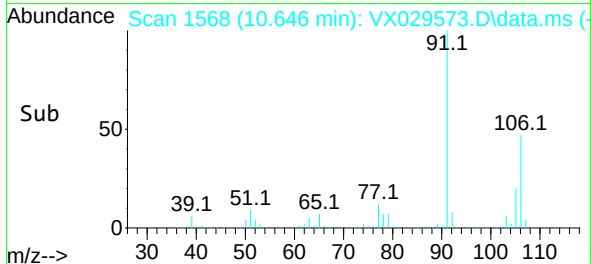
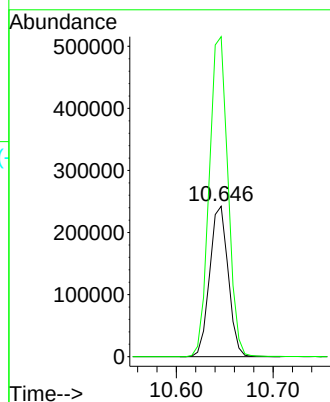
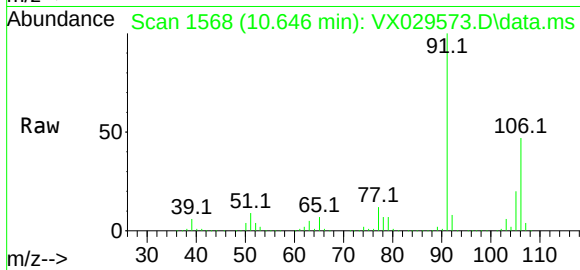




#69
o-Xylene
Concen: 60.644 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

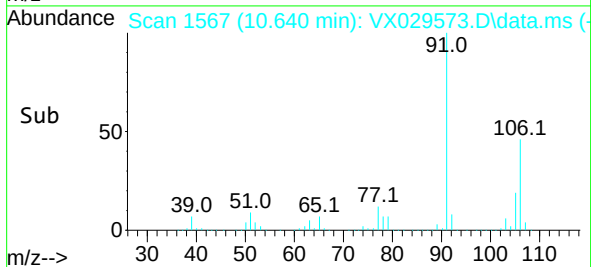
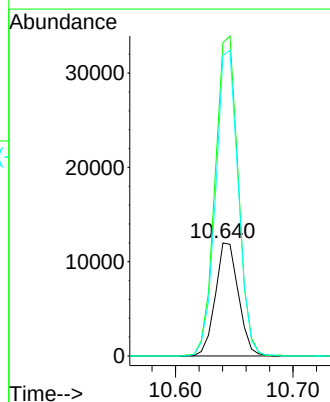
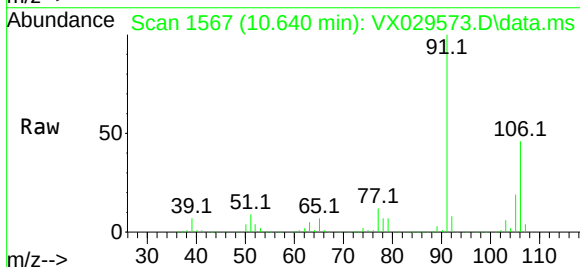
Instrument :
MSVOA_X
ClientSampleId :
MW-17

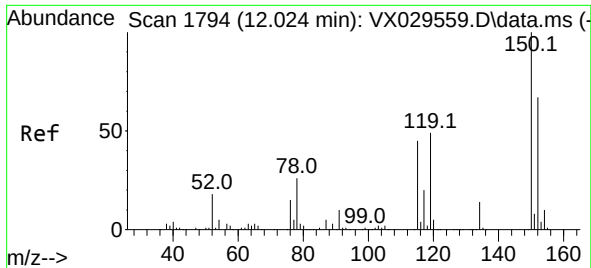
Tgt Ion:106 Resp: 322823
Ion Ratio Lower Upper
106 100
91 215.9 106.1 318.1



#70
Styrene
Concen: 1.873 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.019 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

Tgt Ion:104 Resp: 16328
Ion Ratio Lower Upper
104 100
78 283.8 38.6 57.8#
103 266.7 43.8 65.8#

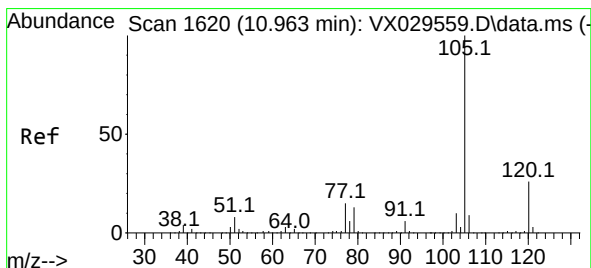
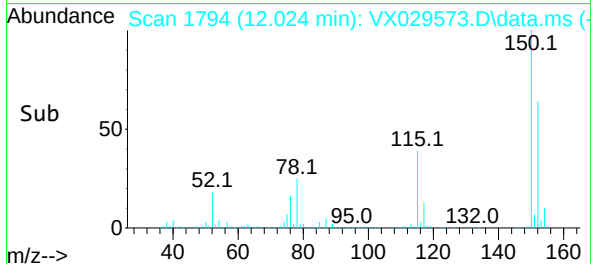
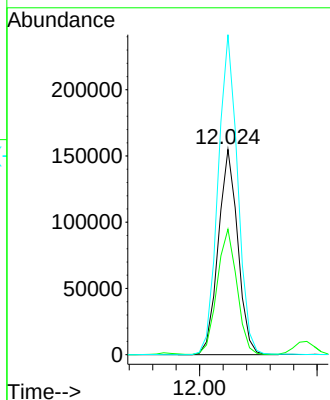
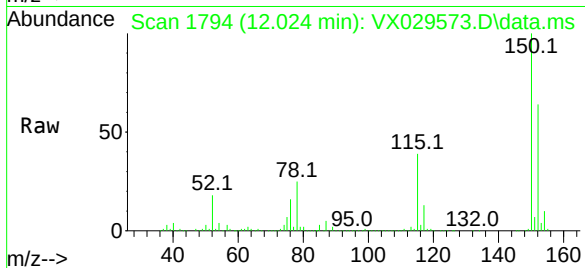




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

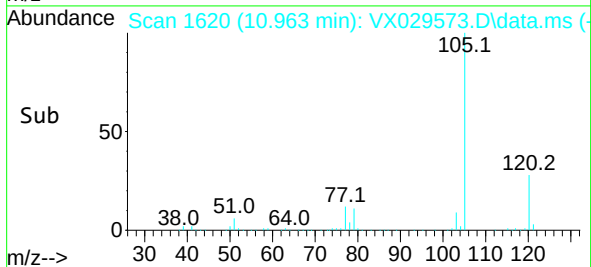
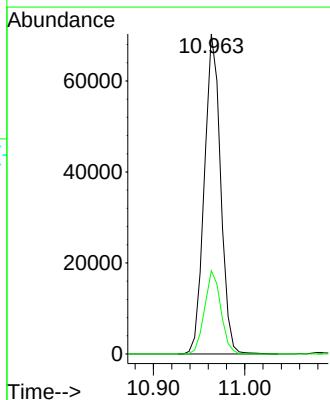
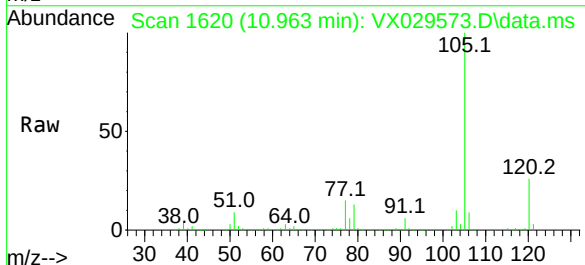
Instrument :
MSVOA_X
ClientSampleId :
MW-17

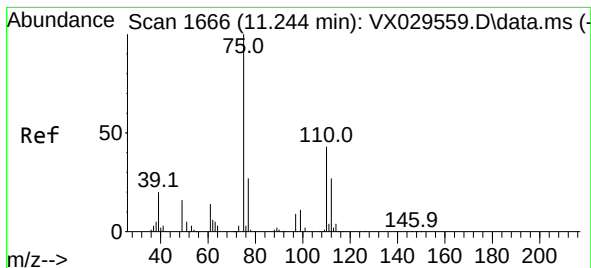
Tgt Ion:152 Resp: 178333
Ion Ratio Lower Upper
152 100
115 62.0 37.5 112.7
150 156.9 0.0 338.2



#73
Isopropylbenzene
Concen: 6.475 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

Tgt Ion:105 Resp: 86582
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.5





#76

1,2,3-Trichloropropane

Concen: 23.334 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX029573.D

Acq: 18 Jun 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

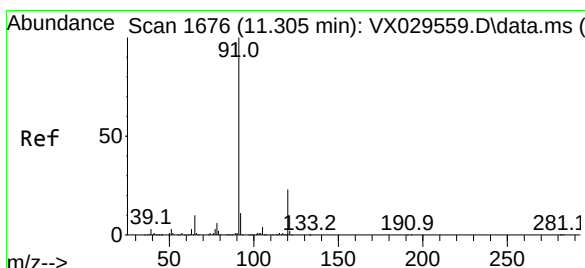
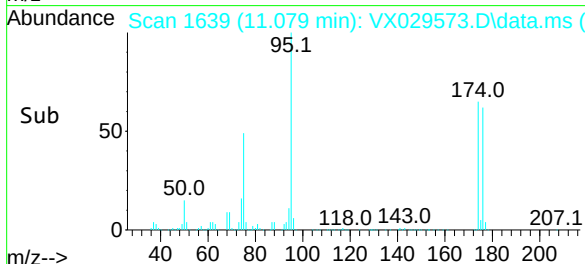
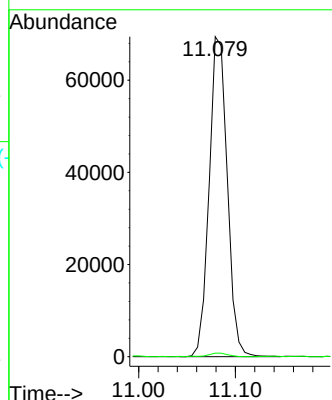
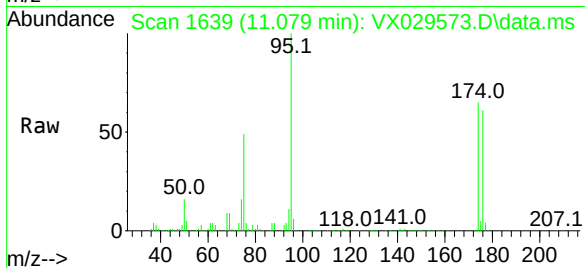
MW-17

Tgt Ion: 75 Resp: 90651

Ion Ratio Lower Upper

75 100

77 1.2 19.4 58.2#



#78

n-propylbenzene

Concen: 15.519 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX029573.D

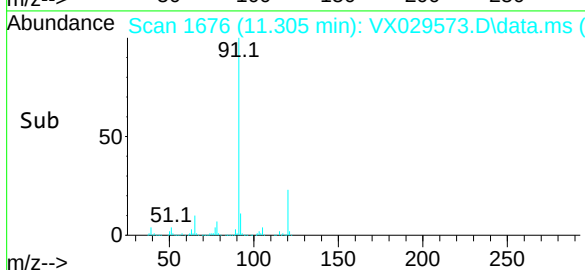
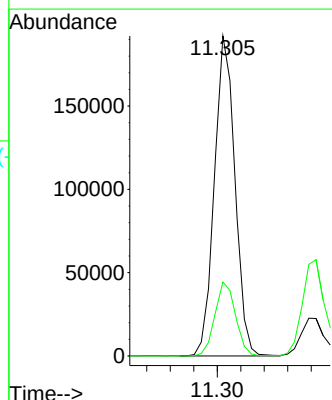
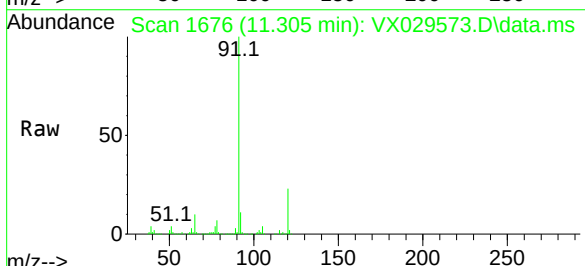
Acq: 18 Jun 2022 16:36

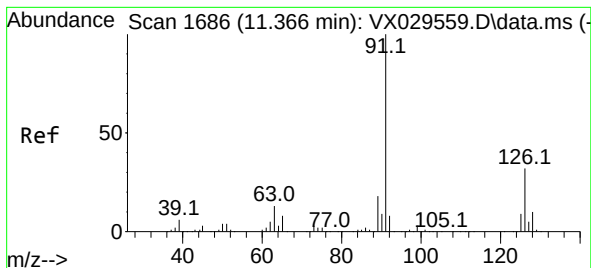
Tgt Ion: 91 Resp: 233703

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8





#79

2-Chlorotoluene

Concen: 3.544 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX029573.D

Acq: 18 Jun 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

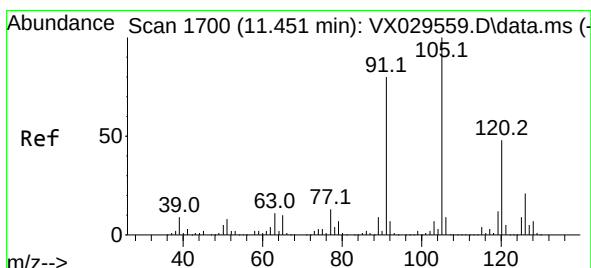
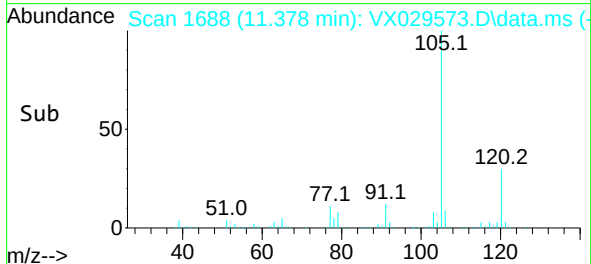
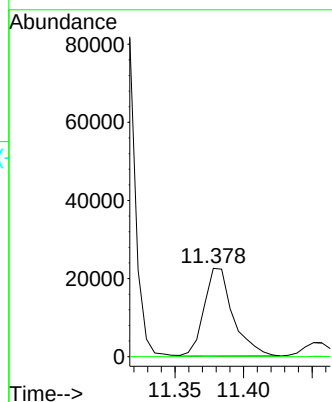
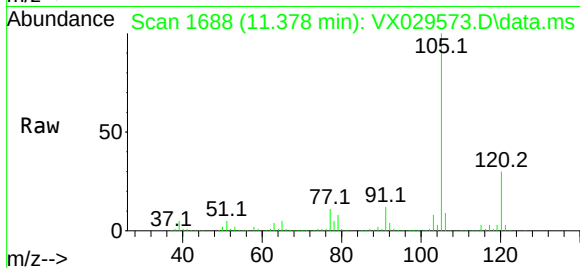
MW-17

Tgt Ion: 91 Resp: 33047

Ion Ratio Lower Upper

91 100

126 0.4 17.3 51.9#



#80

1,3,5-Trimethylbenzene

Concen: 4.052 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX029573.D

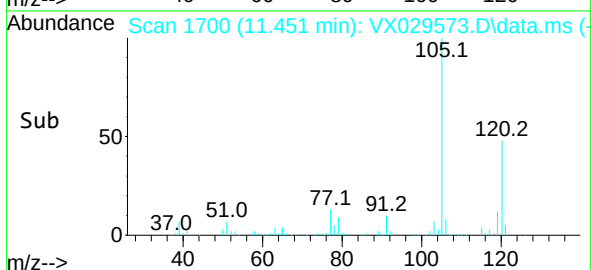
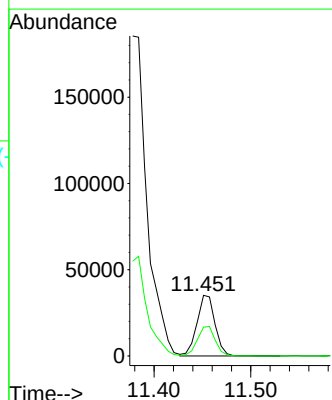
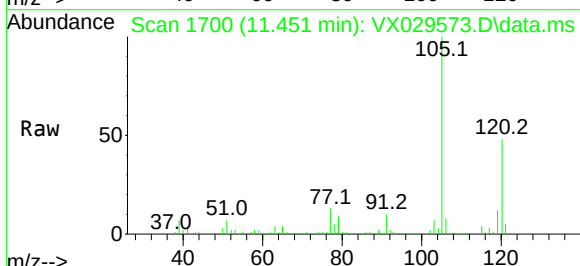
Acq: 18 Jun 2022 16:36

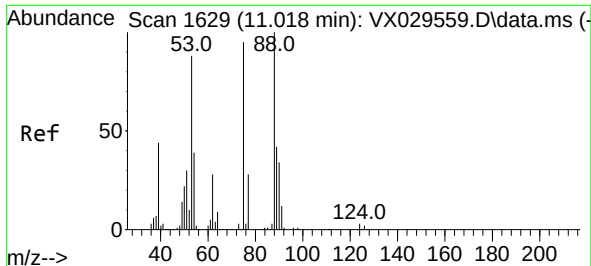
Tgt Ion: 105 Resp: 45624

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.9

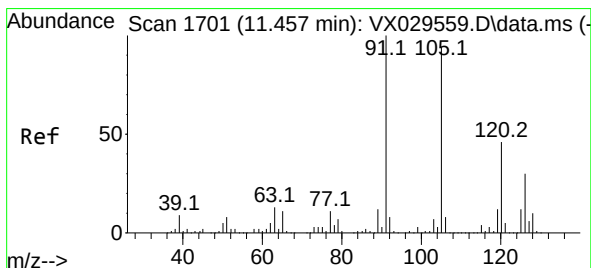
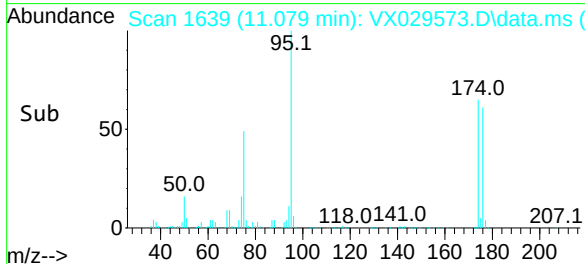
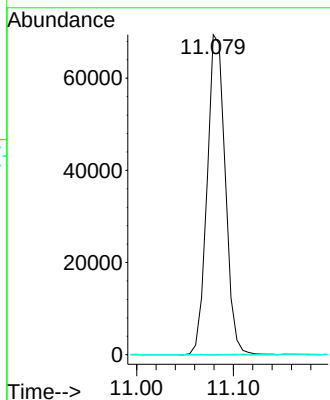
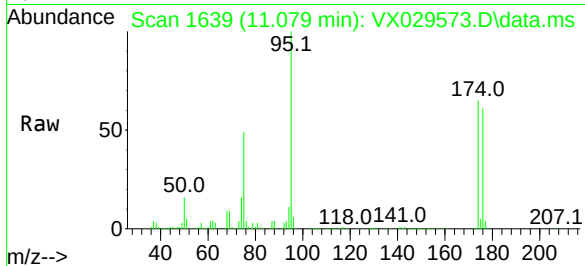




#81
trans-1,4-Dichloro-2-butene
Concen: 77.625 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

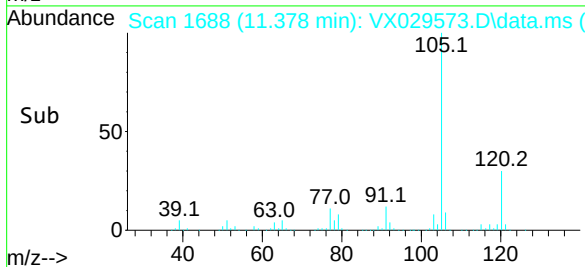
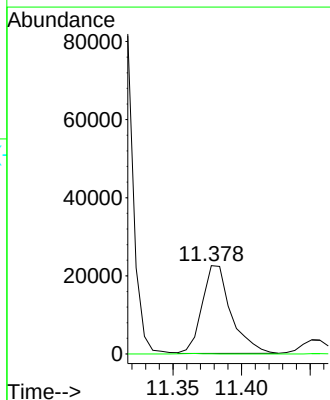
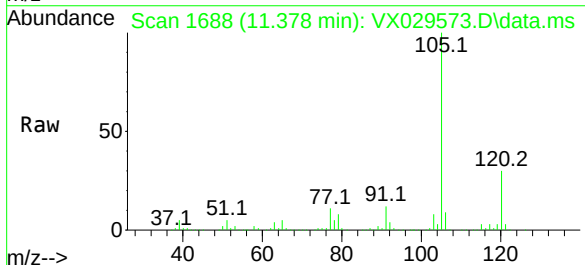
Instrument :
MSVOA_X
ClientSampleId :
MW-17

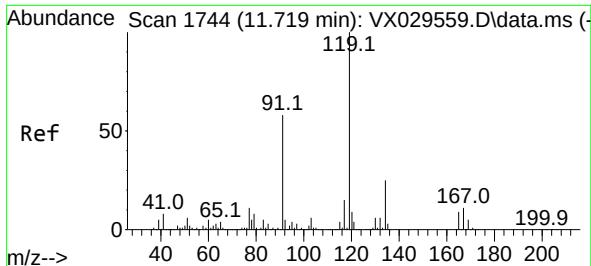
Tgt Ion: 75 Resp: 90651
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 3.108 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. -0.079 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

Tgt Ion: 91 Resp: 33047
Ion Ratio Lower Upper
91 100
126 0.4 14.9 44.5#

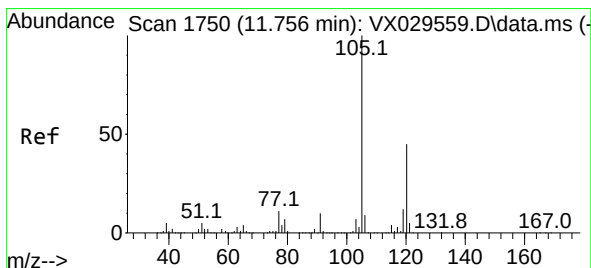
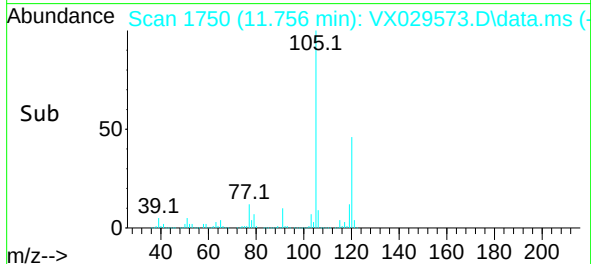
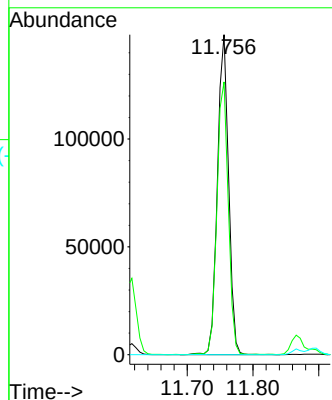
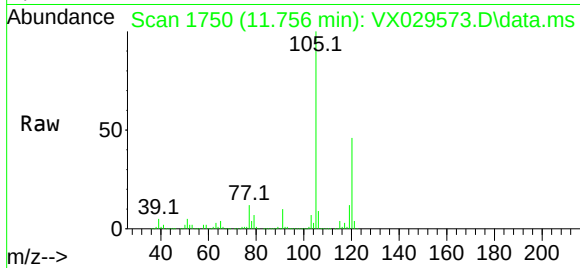




#83
 tert-Butylbenzene
 Concen: 15.986 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.037 min
 Lab File: VX029573.D
 Acq: 18 Jun 2022 16:36

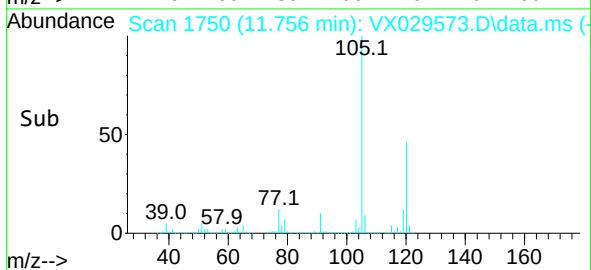
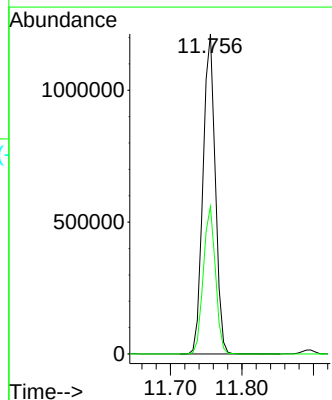
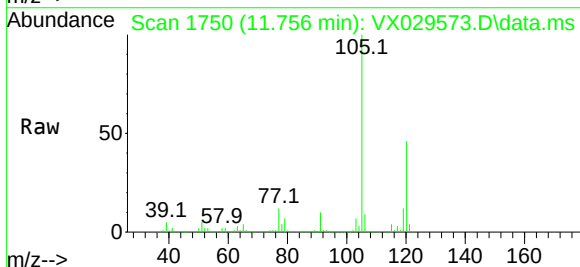
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17

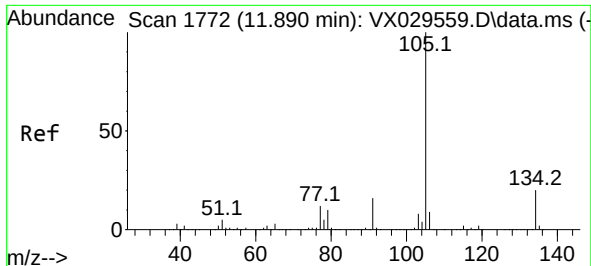
Tgt Ion:119 Resp: 175516
 Ion Ratio Lower Upper
 119 100
 91 86.5 26.9 80.6#
 134 0.0 11.4 34.2#



#84
 1,2,4-Trimethylbenzene
 Concen: 128.877 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX029573.D
 Acq: 18 Jun 2022 16:36

Tgt Ion:105 Resp: 1447405
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.6 67.8

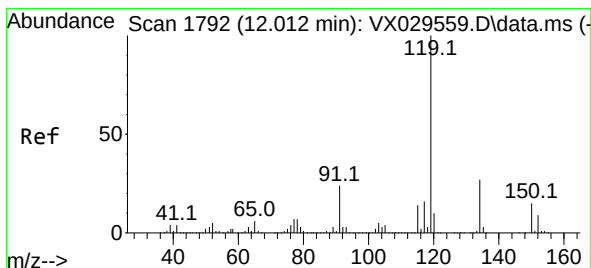
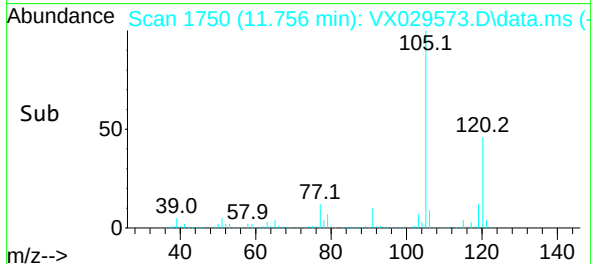
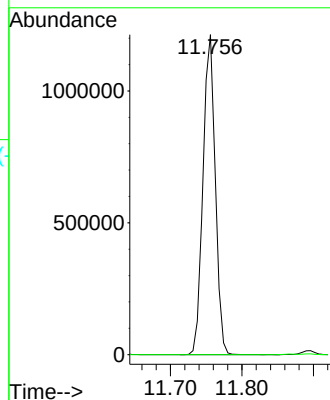
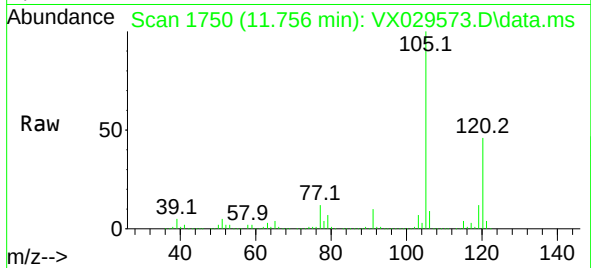




#85
 sec-Butylbenzene
 Concen: 106.369 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. -0.134 min
 Lab File: VX029573.D
 Acq: 18 Jun 2022 16:36

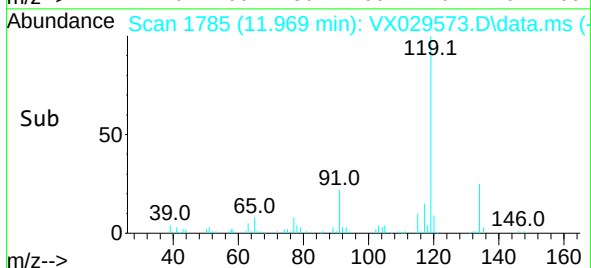
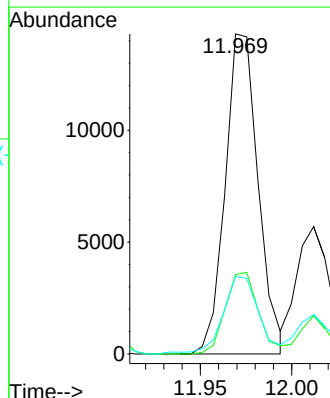
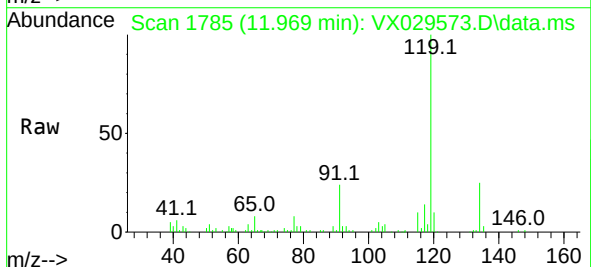
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17

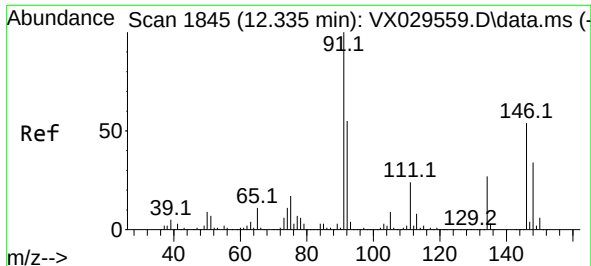
Tgt Ion:105 Resp: 1447405
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 1.575 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.043 min
 Lab File: VX029573.D
 Acq: 18 Jun 2022 16:36

Tgt Ion:119 Resp: 17944
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 26.3 11.3 33.9





#89

n-Butylbenzene

Concen: 3.012 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX029573.D

Acq: 18 Jun 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

MW-17

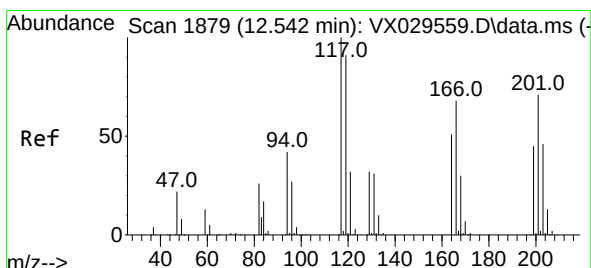
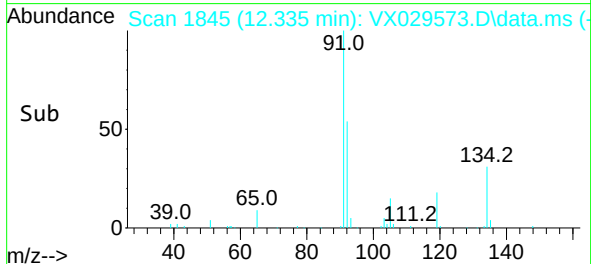
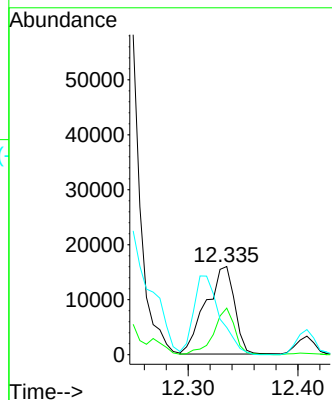
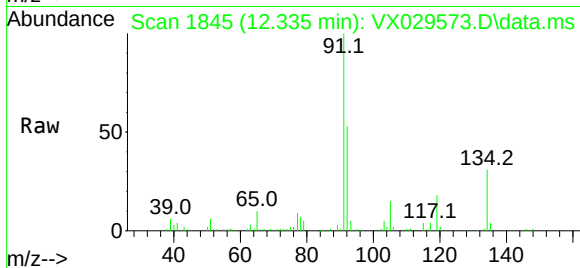
Tgt Ion: 91 Resp: 28959

Ion Ratio Lower Upper

91 100

92 39.2 27.8 83.3

134 0.0 13.3 39.8#



#90

Hexachloroethane

Concen: 7.033 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX029573.D

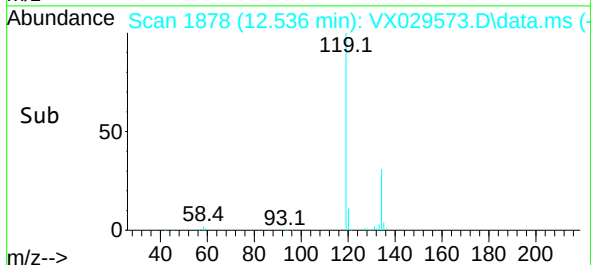
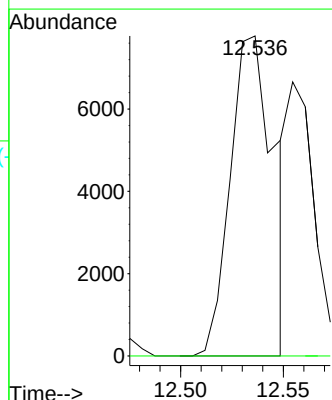
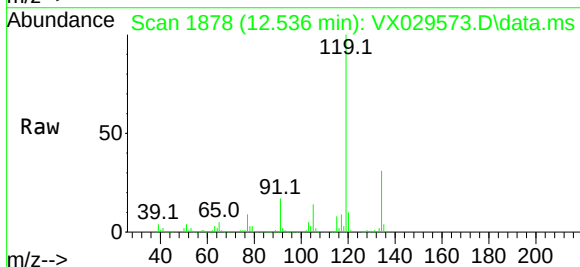
Acq: 18 Jun 2022 16:36

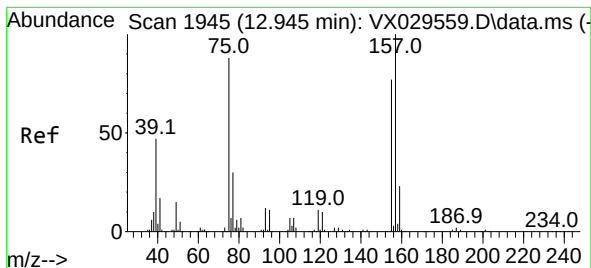
Tgt Ion: 117 Resp: 11474

Ion Ratio Lower Upper

117 100

201 0.0 39.5 118.5#

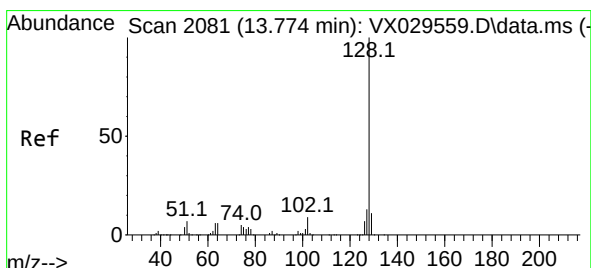
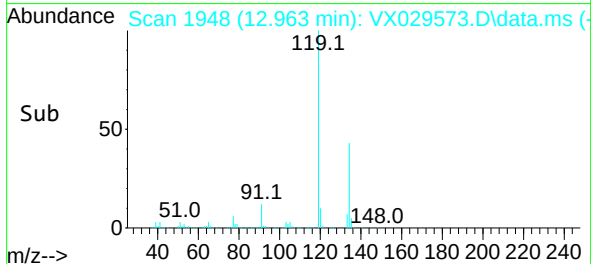
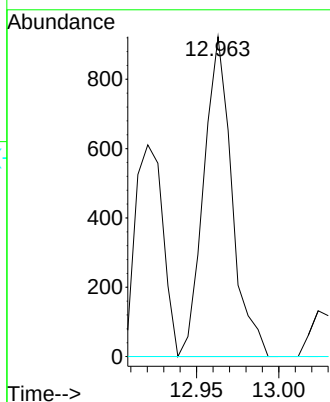
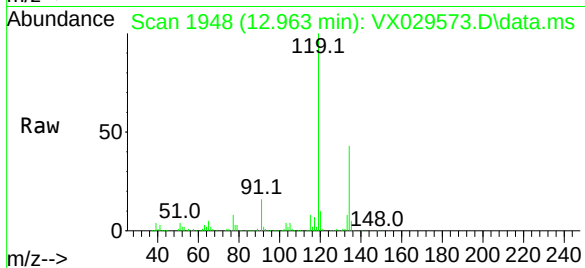




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.148 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. 0.018 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

Instrument :
MSVOA_X
ClientSampleId :
MW-17

Tgt Ion: 75 Resp: 1100
Ion Ratio Lower Upper
75 100
155 0.0 47.0 141.2#
157 0.0 57.9 173.6#



#95
Naphthalene
Concen: 35.523 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029573.D
Acq: 18 Jun 2022 16:36

Tgt Ion: 128 Resp: 444364
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.1 8.7 13.1

