

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032291.D
 Acq On : 21 Oct 2022 16:12
 Operator : JC/MD
 Sample : N5185-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

Quant Time: Oct 22 05:11:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	145428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224510	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114316	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91665	48.452	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.900%
35) Dibromofluoromethane	5.385	113	70559	45.164	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.320%
50) Toluene-d8	8.653	98	274033	48.728	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.460%
62) 4-Bromofluorobenzene	11.079	95	112585	54.671	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.340%

Target Compounds			Qvalue			
3) Chloromethane	1.264	50	4783	1.893	ug/l #	69
6) Chloroethane	1.691	64	477	2.272	ug/l #	45
8) Diethyl Ether	1.953	74	326	0.377	ug/l #	1
11) Tert butyl alcohol	2.971	59	46371	166.312	ug/l #	74
13) Acrolein	2.215	56	15462	67.138	ug/l #	1
14) Allyl chloride	2.715	41	32347	15.866	ug/l #	21
15) Acrylonitrile	3.105	53	36112	50.895	ug/l #	39
16) Acetone	2.343	43	101260	164.932	ug/l #	52
18) Methyl Acetate	2.782	43	569023	272.999	ug/l #	50
19) Methyl tert-butyl Ether	3.111	73	127122	28.420	ug/l #	1
20) Methylene Chloride	2.727	84	11213	7.113	ug/l #	16
22) Diisopropyl ether	3.764	45	7854	1.759	ug/l #	70
23) Vinyl Acetate	3.739	43	13803	3.868	ug/l #	74
24) 1,1-Dichloroethane	3.593	63	650	0.252	ug/l #	82
25) 2-Butanone	4.574	43	13568	14.155	ug/l	99
26) 2,2-Dichloropropane	4.306	77	11106	5.976	ug/l #	52
29) Tetrahydrofuran	4.952	42	174	0.281	ug/l #	31
30) Chloroform	5.172	83	15261	5.436	ug/l #	36
31) Cyclohexane	5.477	56	331853	153.437	ug/l	97
36) 1,1-Dichloropropene	5.550	75	11689	5.816	ug/l #	50
37) Ethyl Acetate	4.776	43	440	0.224	ug/l #	1
38) Carbon Tetrachloride	5.556	117	15468	7.291	ug/l #	15
39) Methylcyclohexane	7.385	83	194978	81.216	ug/l	92
40) Benzene	6.044	78	611344	104.959	ug/l	99
41) Methacrylonitrile	4.891	41	1216	1.172	ug/l #	1
42) 1,2-Dichloroethane	6.044	62	6197	2.778	ug/l #	76
43) Isopropyl Acetate	6.355	43	9628	3.118	ug/l #	61
45) 1,2-Dichloropropane	7.379	63	3081	2.097	ug/l #	1
46) Dibromomethane	7.562	93	331	0.302	ug/l #	1
47) Bromodichloromethane	7.775	83	2626	1.297	ug/l #	54
48) Methyl methacrylate	7.659	41	38971	25.303	ug/l #	57
51) 4-Methyl-2-Pentanone	8.574	43	34038	17.582	ug/l	88
52) Toluene	8.720	92	87488	23.187	ug/l	99
53) t-1,3-Dichloropropene	8.830	75	53	1.841	ug/l #	1
55) 1,1,2-Trichloroethane	9.104	97	36143	23.580	ug/l #	19
56) Ethyl methacrylate	9.104	69	8958	4.058	ug/l #	1

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

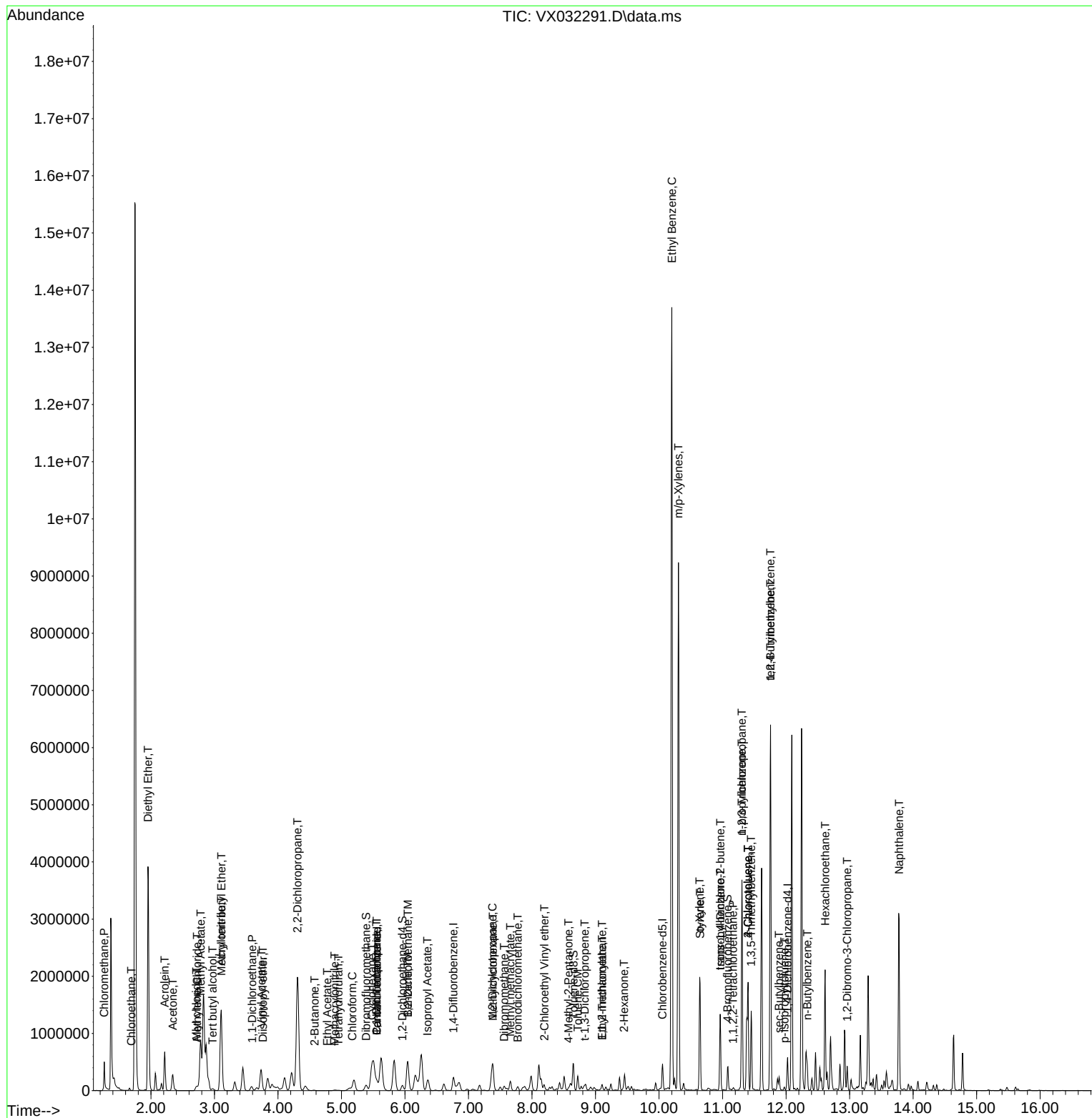
58) 2-Chloroethyl Vinyl ether	8.196	63	573	0.566	ug/l #	45
59) 2-Hexanone	9.452	43	21813	15.101	ug/l	91
67) Ethyl Benzene	10.201	91	7517497	1015.820	ug/l #	86
68) m/p-Xylenes	10.305	106	2141237	732.665	ug/l	95
69) o-Xylene	10.640	106	418128	149.344	ug/l	100
70) Styrene	10.646	104	20752	4.395	ug/l #	1
73) Isopropylbenzene	10.963	105	675064	82.759	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.165	83	1187	0.453	ug/l #	25
76) 1,2,3-Trichloropropane	11.305	75	14423	6.368	ug/l #	1
78) n-propylbenzene	11.305	91	2164945	231.790	ug/l	99
79) 2-Chlorotoluene	11.402	91	177862	31.597	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	593222	84.197	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.963	75	8005	13.265	ug/l #	64
82) 4-Chlorotoluene	11.402	91	177862	27.139	ug/l #	45
83) tert-Butylbenzene	11.756	119	343670	48.751	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.756	105	2734528	399.201	ug/l	98
85) sec-Butylbenzene	11.890	105	118161	13.870	ug/l	98
86) p-Isopropyltoluene	11.975	119	22067	3.044	ug/l #	74
89) n-Butylbenzene	12.335	91	232748	36.454	ug/l #	70
90) Hexachloroethane	12.616	117	86326	76.746	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	12.963	75	1376	2.746	ug/l #	1
95) Naphthalene	13.780	128	1930782	245.118	ug/l	99

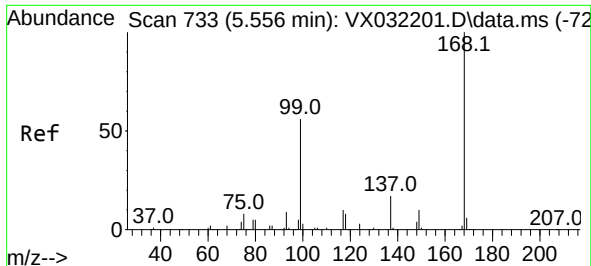
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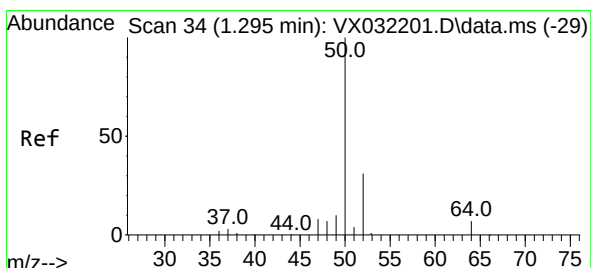
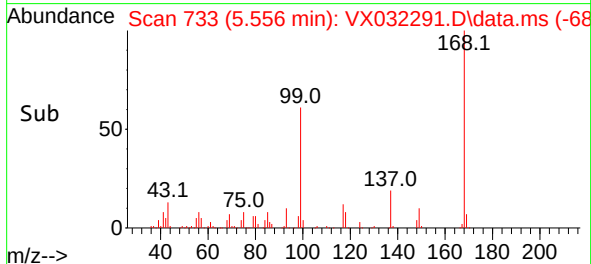
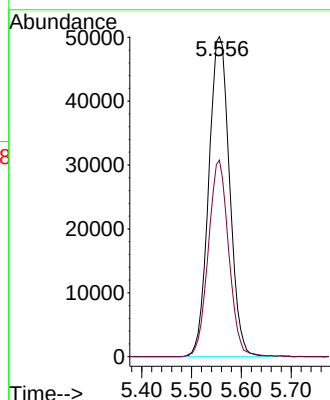
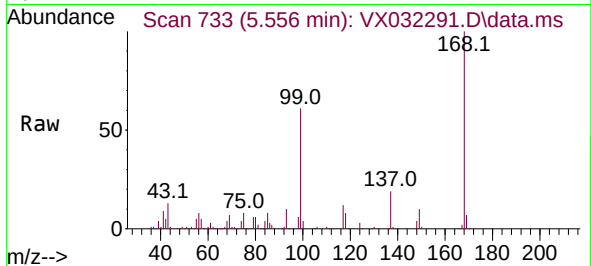




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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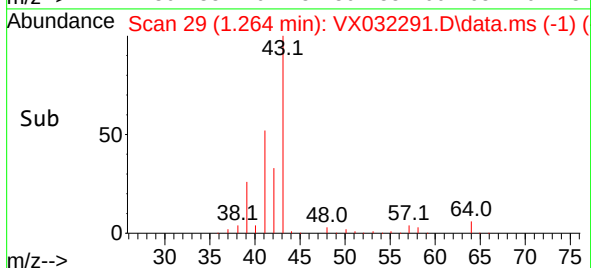
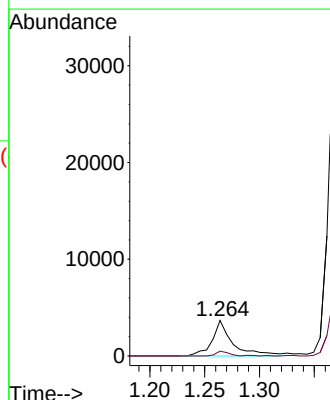
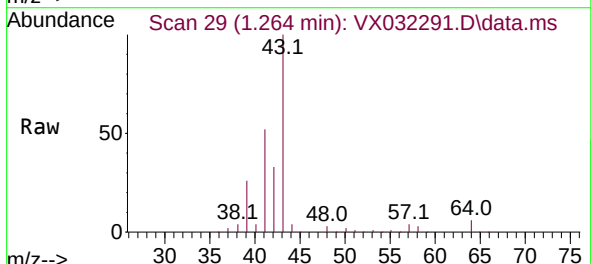
Instrument :
MSVOA_X
ClientSampleId :
MW-10

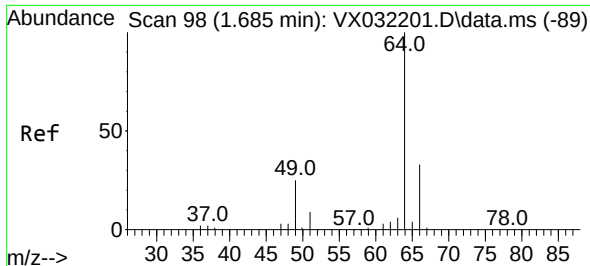
Tgt Ion:168 Resp: 145428
Ion Ratio Lower Upper
168 100
99 61.5 44.8 67.2



#3
Chloromethane
Concen: 1.893 ug/l
RT: 1.264 min Scan# 29
Delta R.T. -0.031 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

Tgt Ion: 50 Resp: 4783
Ion Ratio Lower Upper
50 100
52 13.7 24.7 37.1#

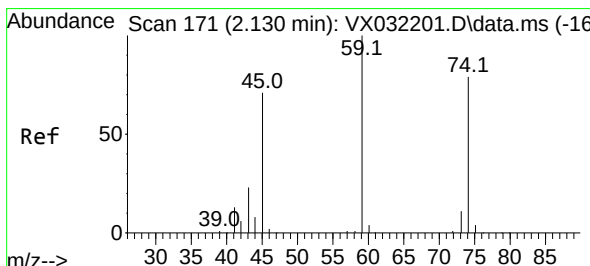
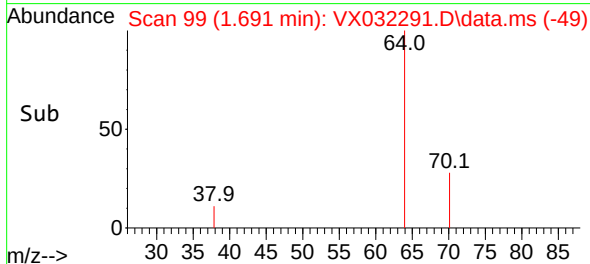
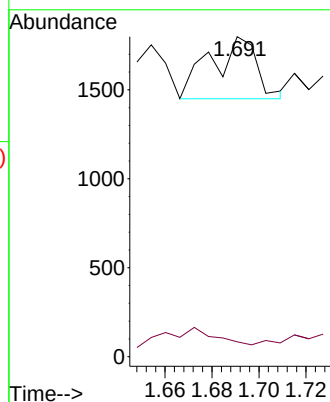
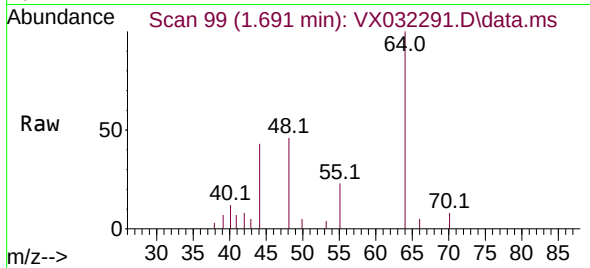




#6
Chloroethane
Concen: 2.272 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

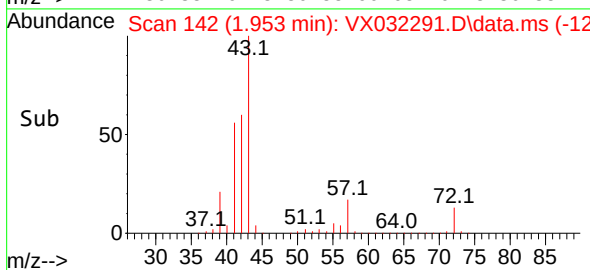
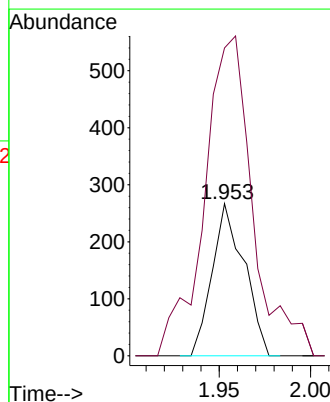
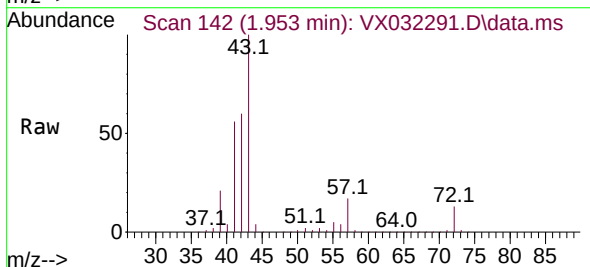
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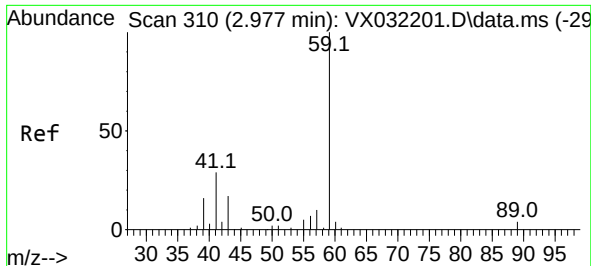
Tgt Ion: 64 Resp: 477
Ion Ratio Lower Upper
64 100
66 2.0 26.6 39.8#



#8
Diethyl Ether
Concen: 0.377 ug/l
RT: 1.953 min Scan# 142
Delta R.T. -0.177 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

Tgt Ion: 74 Resp: 326
Ion Ratio Lower Upper
74 100
45 318.4 45.9 137.6#

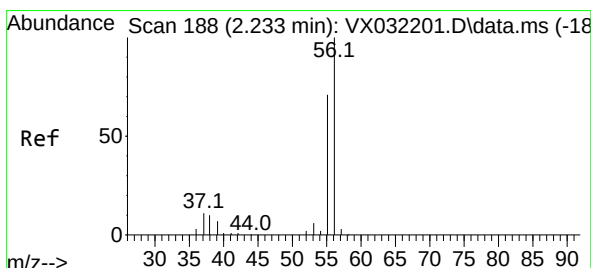
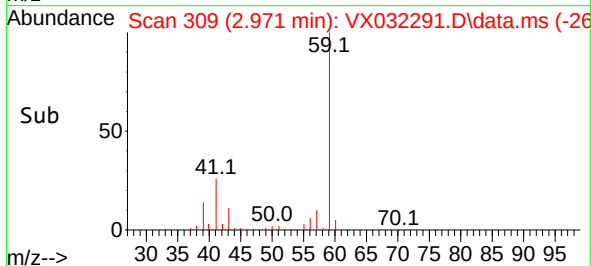
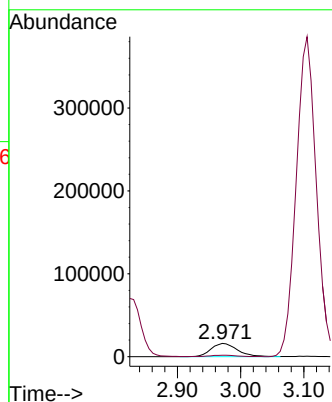
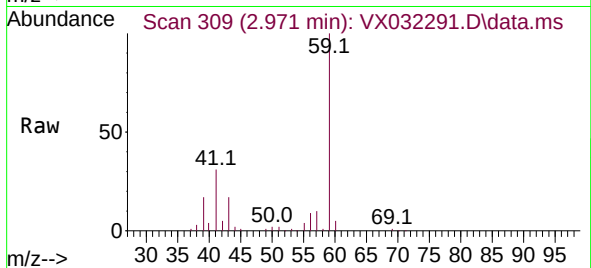




#11
Tert butyl alcohol
Concen: 166.312 ug/l
RT: 2.971 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

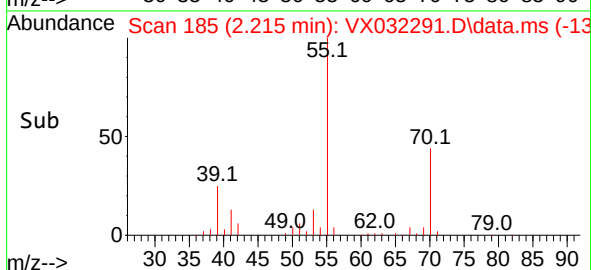
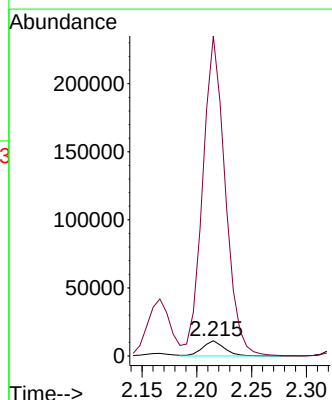
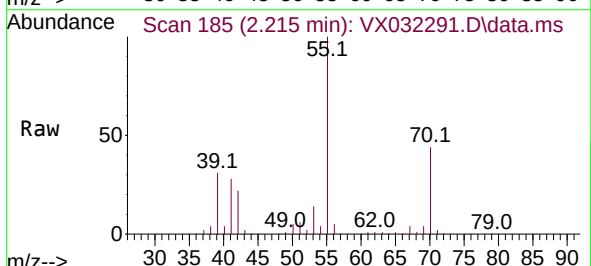
Instrument :
MSVOA_X
ClientSampleId :
MW-10

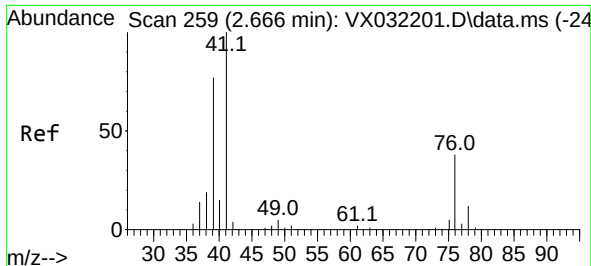
Tgt Ion: 59 Resp: 46371
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#



#13
Acrolein
Concen: 67.138 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.018 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

Tgt Ion: 56 Resp: 15462
Ion Ratio Lower Upper
56 100
55 2186.8 56.4 84.6#

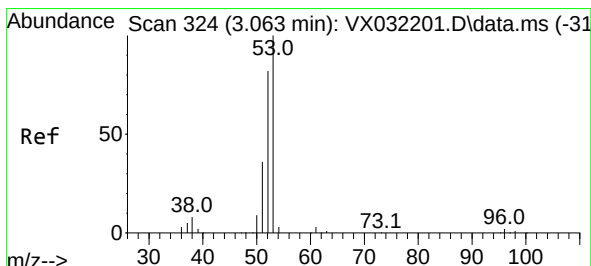
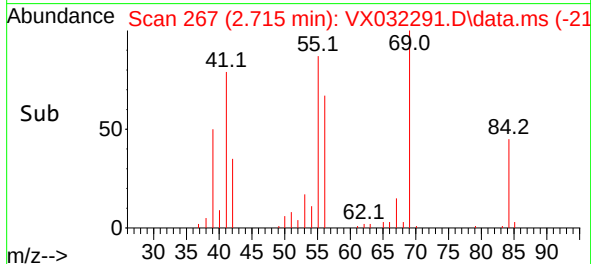
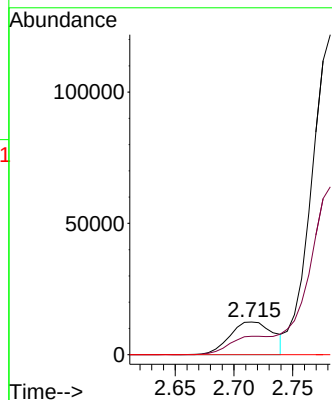
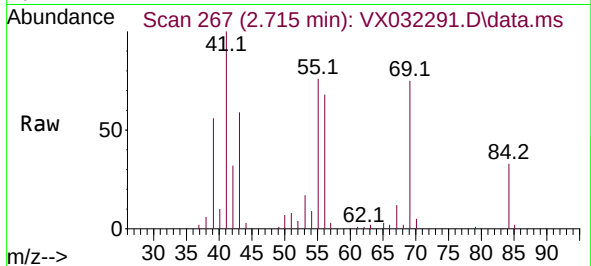




#14
 Allyl chloride
 Concen: 15.866 ug/l
 RT: 2.715 min Scan# 2
 Delta R.T. 0.049 min
 Lab File: VX032291.D
 Acq: 21 Oct 2022 16:12

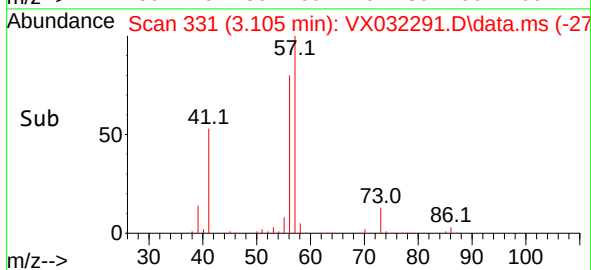
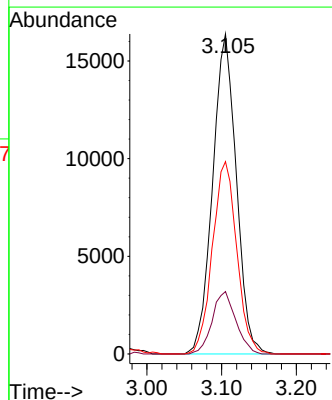
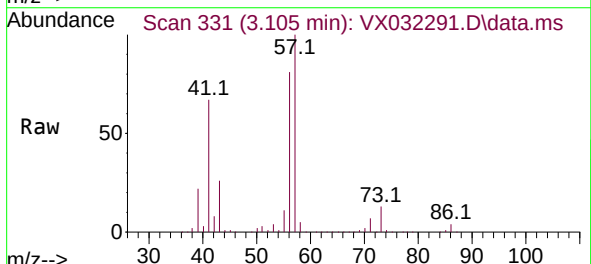
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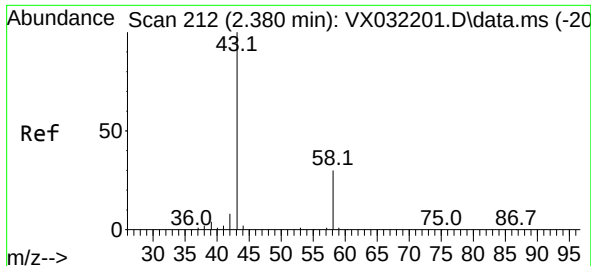
Tgt Ion: 41 Resp: 32347
 Ion Ratio Lower Upper
 41 100
 39 0.0 59.5 89.3#
 76 0.0 28.6 42.8#



#15
 Acrylonitrile
 Concen: 50.895 ug/l
 RT: 3.105 min Scan# 331
 Delta R.T. 0.042 min
 Lab File: VX032291.D
 Acq: 21 Oct 2022 16:12

Tgt Ion: 53 Resp: 36112
 Ion Ratio Lower Upper
 53 100
 52 19.5 65.9 98.9#
 51 61.7 29.7 44.5#

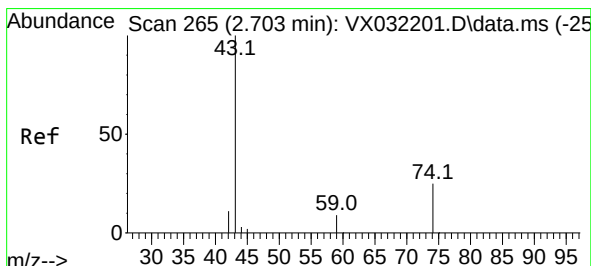
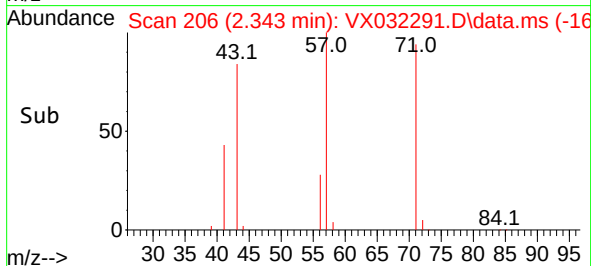
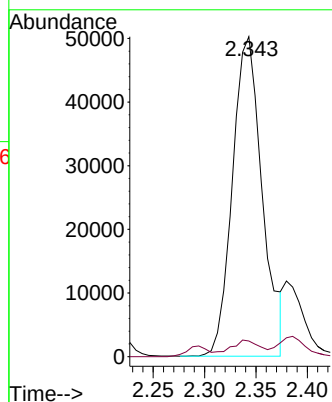
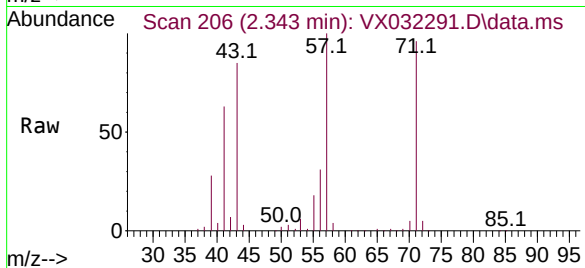




#16
Acetone
Concen: 164.932 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.037 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

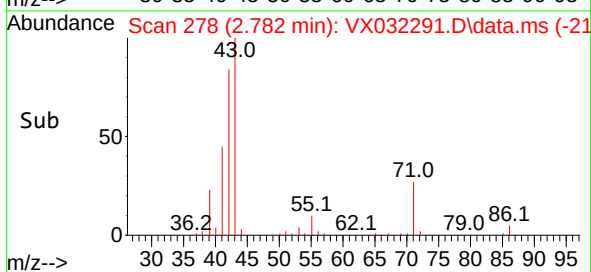
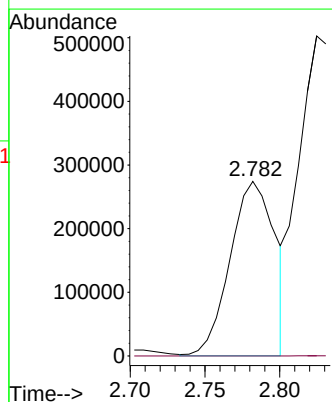
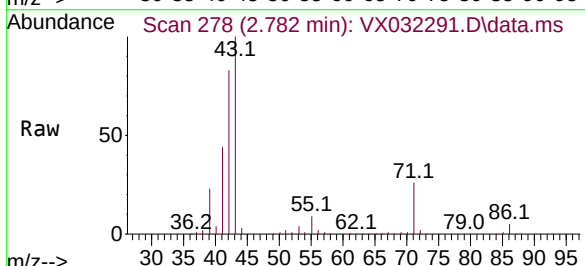
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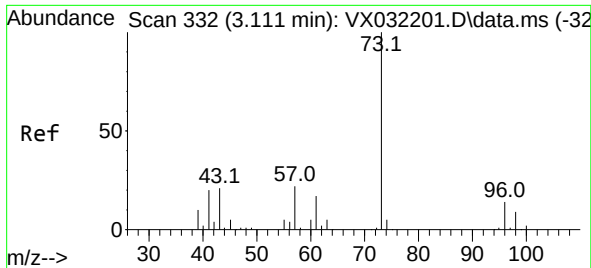
Tgt Ion: 43 Resp: 101260
Ion Ratio Lower Upper
43 100
58 4.2 24.2 36.2#



#18
Methyl Acetate
Concen: 272.999 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.079 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

Tgt Ion: 43 Resp: 569023
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.8#

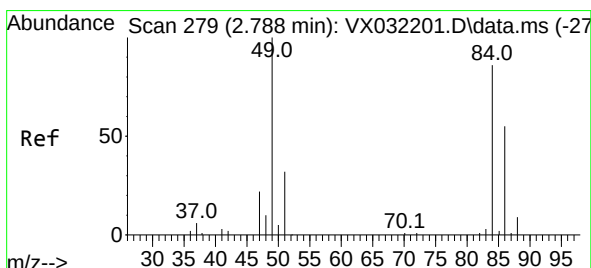
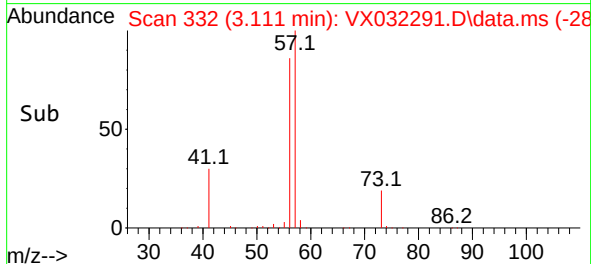
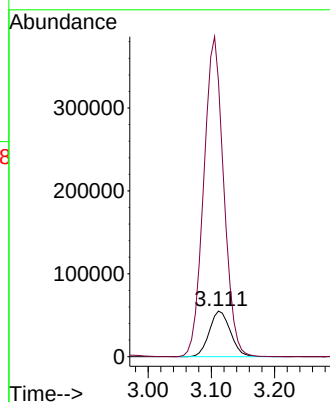
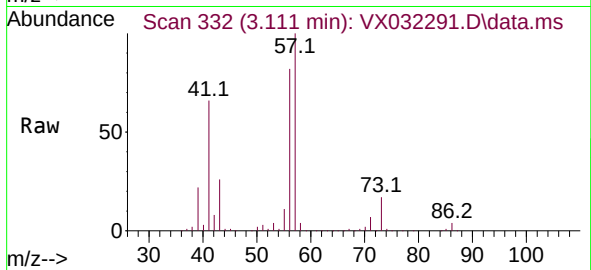




#19
Methyl tert-butyl Ether
Concen: 28.420 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032291.D
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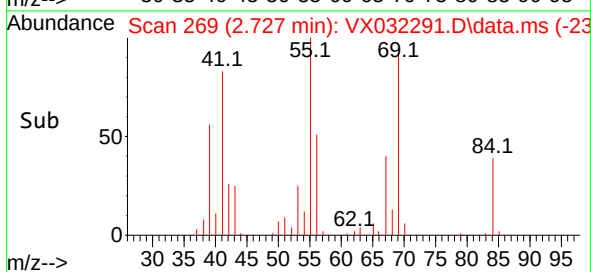
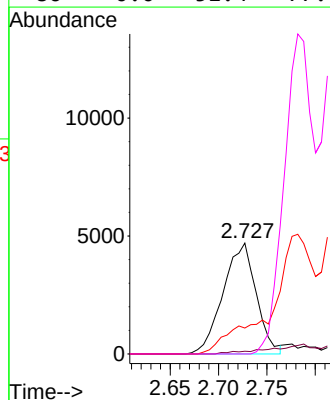
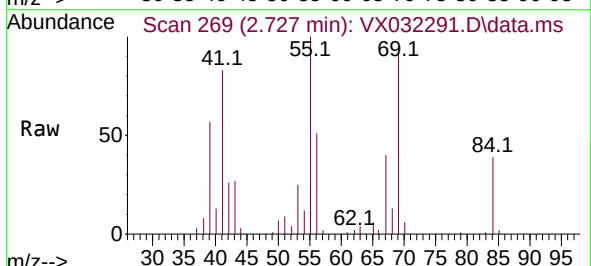
Instrument :
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ClientSampleId :
MW-10

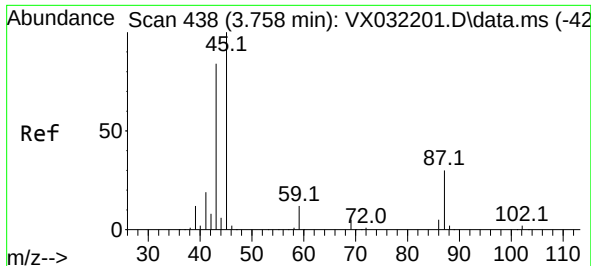
Tgt Ion: 73 Resp: 127122
Ion Ratio Lower Upper
73 100
57 604.8 17.4 26.2#



#20
Methylene Chloride
Concen: 7.113 ug/l
RT: 2.727 min Scan# 269
Delta R.T. -0.061 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

Tgt Ion: 84 Resp: 11213
Ion Ratio Lower Upper
84 100
49 2.5 92.6 139.0#
51 23.4 29.2 43.8#
86 0.0 51.4 77.0#

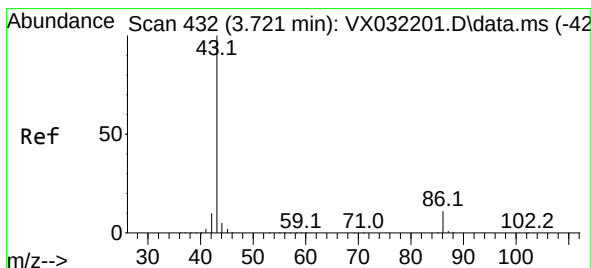
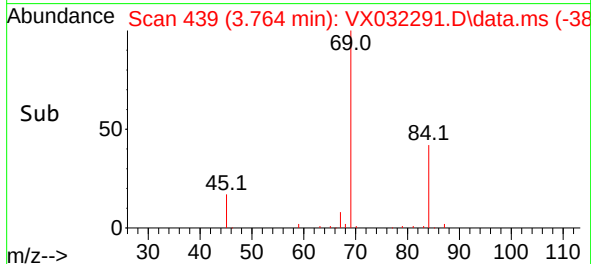
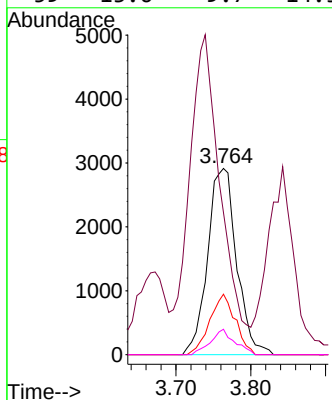
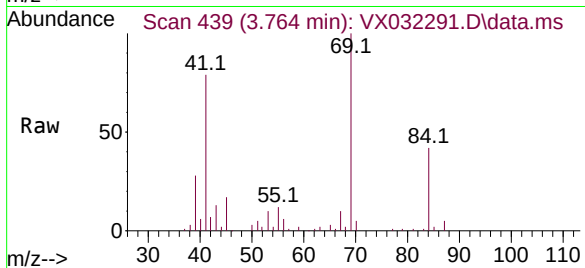




#22
Diisopropyl ether
Concen: 1.759 ug/l
RT: 3.764 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

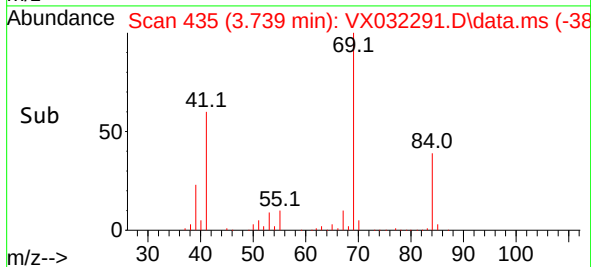
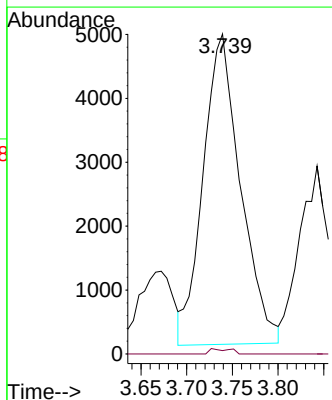
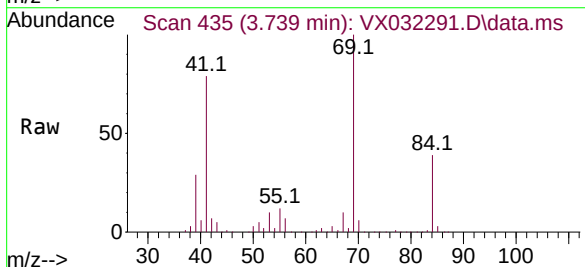
Instrument :
MSVOA_X
ClientSampleId :
MW-10

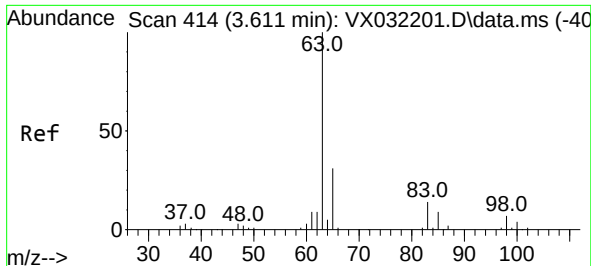
Tgt Ion: 45 Resp: 7854
Ion Ratio Lower Upper
45 100
43 45.4 67.5 101.3#
87 32.4 24.0 36.0
59 13.6 9.7 14.5



#23
Vinyl Acetate
Concen: 3.868 ug/l
RT: 3.739 min Scan# 435
Delta R.T. 0.018 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

Tgt Ion: 43 Resp: 13803
Ion Ratio Lower Upper
43 100
86 1.2 8.6 13.0#

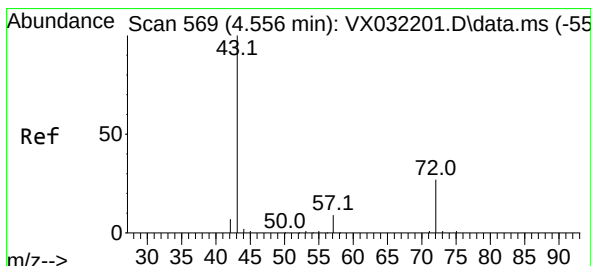
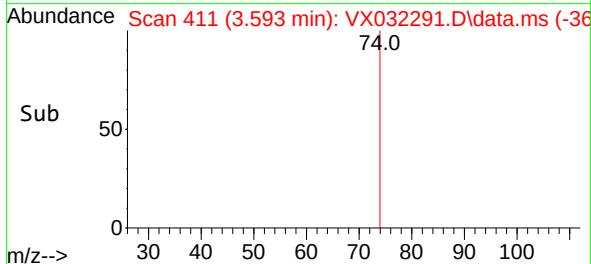
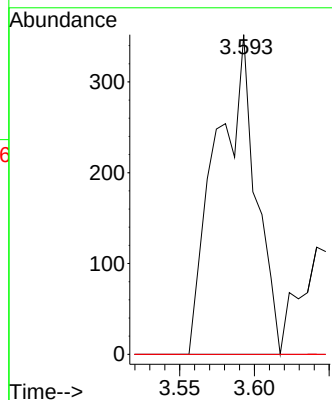
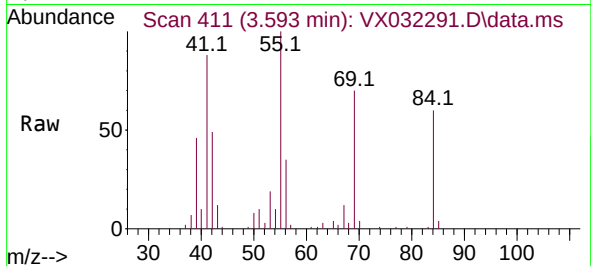




#24
1,1-Dichloroethane
Concen: 0.252 ug/l
RT: 3.593 min Scan# 41
Delta R.T. -0.018 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

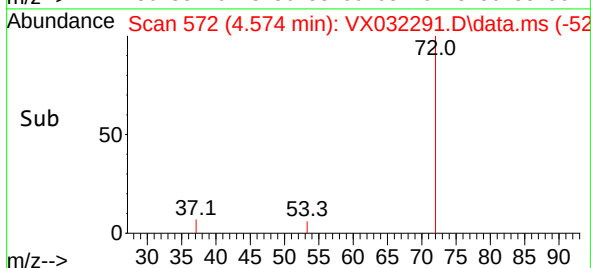
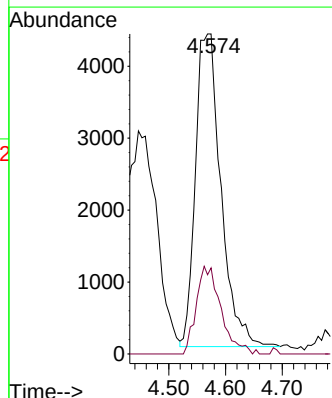
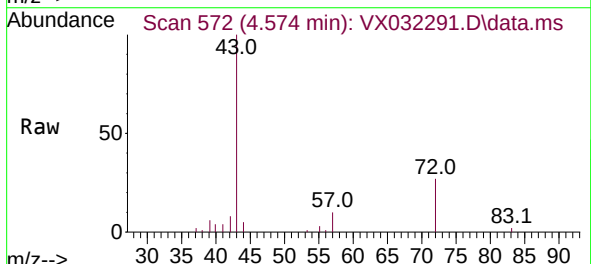
Instrument :
MSVOA_X
ClientSampleId :
MW-10

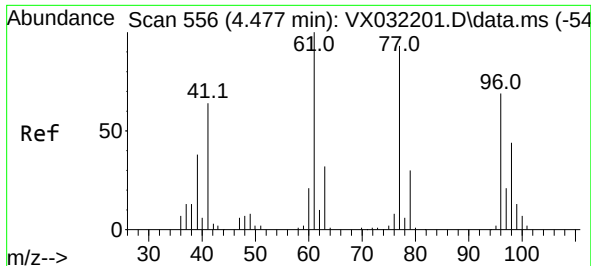
Tgt Ion: 63 Resp: 650
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.9#
100 0.0 2.1 6.3#



#25
2-Butanone
Concen: 14.155 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

Tgt Ion: 43 Resp: 13568
Ion Ratio Lower Upper
43 100
72 27.6 21.7 32.5





#26

2,2-Dichloropropane

Concen: 5.976 ug/l

RT: 4.306 min Scan# 511

Delta R.T. -0.171 min

Lab File: VX032291.D

Acq: 21 Oct 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

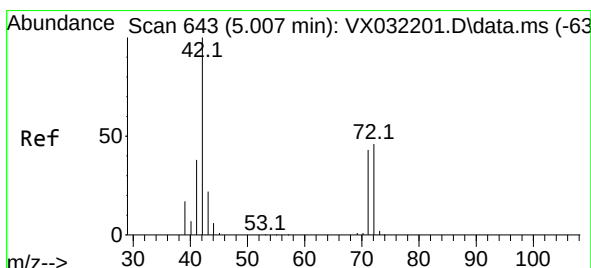
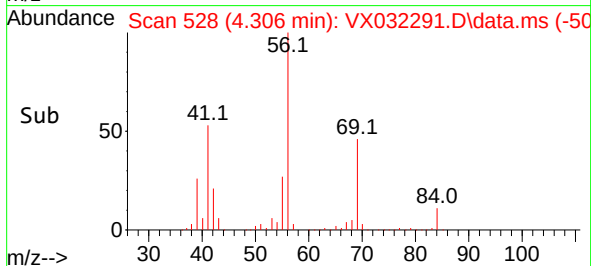
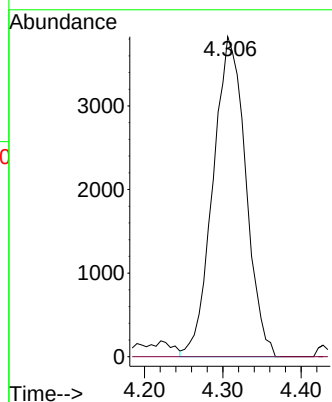
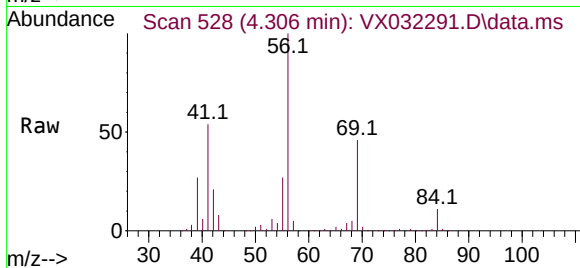
MW-10

Tgt Ion: 77 Resp: 11106

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.3#



#29

Tetrahydrofuran

Concen: 0.281 ug/l

RT: 4.952 min Scan# 634

Delta R.T. -0.055 min

Lab File: VX032291.D

Acq: 21 Oct 2022 16:12

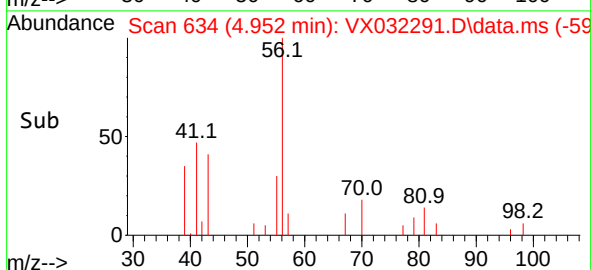
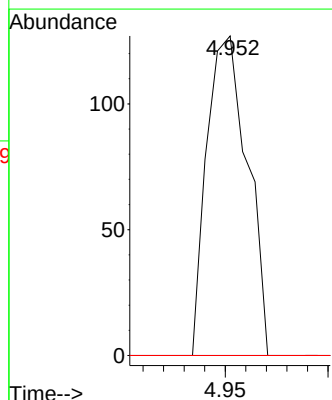
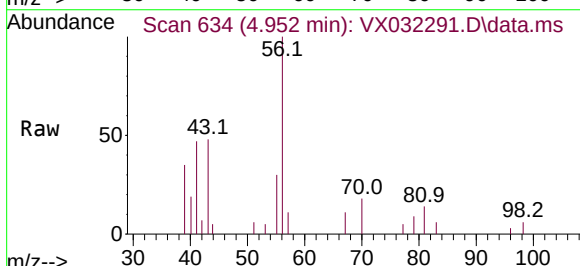
Tgt Ion: 42 Resp: 174

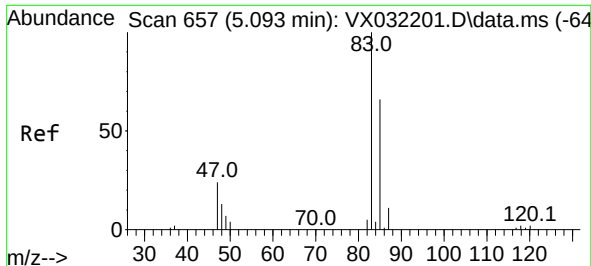
Ion Ratio Lower Upper

42 100

72 0.0 37.5 56.3#

71 0.0 34.7 52.1#





#30

Chloroform

Concen: 5.436 ug/l

RT: 5.172 min Scan# 61

Delta R.T. 0.079 min

Lab File: VX032291.D

Acq: 21 Oct 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

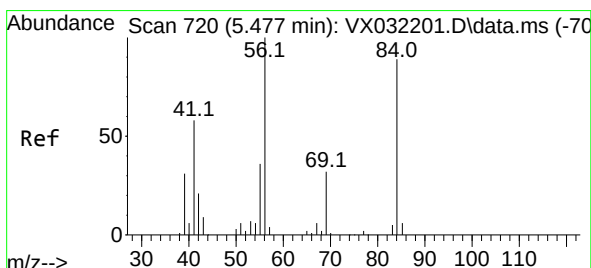
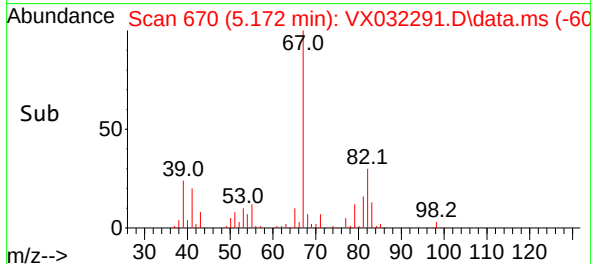
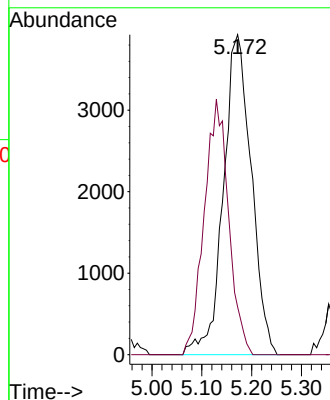
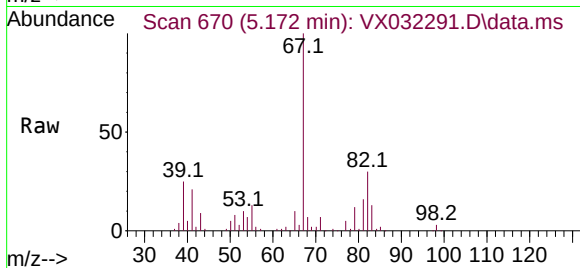
MW-10

Tgt Ion: 83 Resp: 15261

Ion Ratio Lower Upper

83 100

85 14.9 52.5 78.7#



#31

Cyclohexane

Concen: 153.437 ug/l

RT: 5.477 min Scan# 720

Delta R.T. -0.000 min

Lab File: VX032291.D

Acq: 21 Oct 2022 16:12

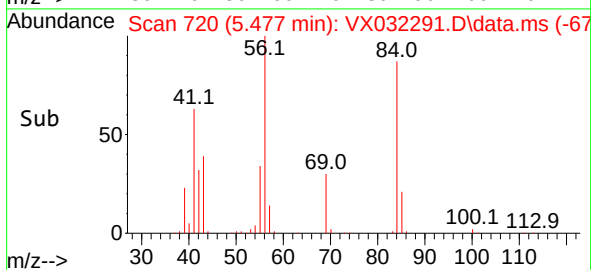
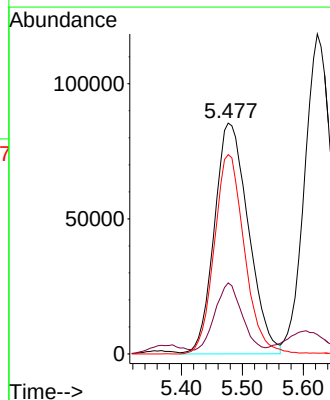
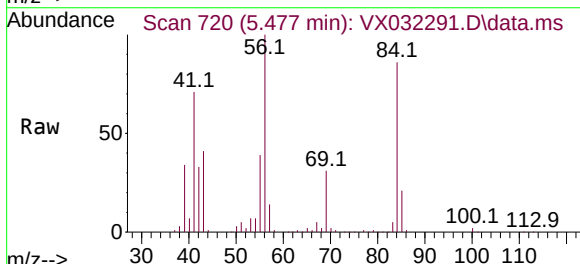
Tgt Ion: 56 Resp: 331853

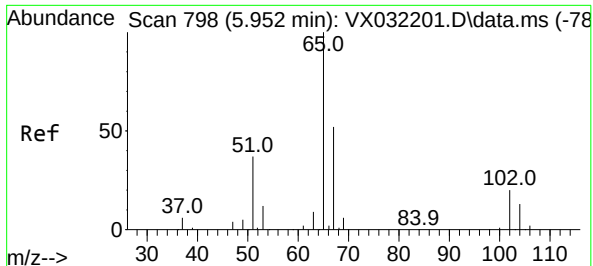
Ion Ratio Lower Upper

56 100

69 28.4 25.4 38.0

84 86.8 71.2 106.8





#33

1,2-Dichloroethane-d4

Concen: 48.452 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032291.D

Acq: 21 Oct 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

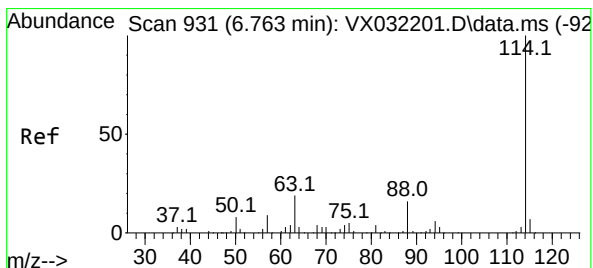
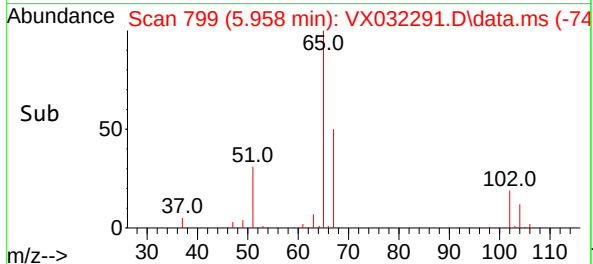
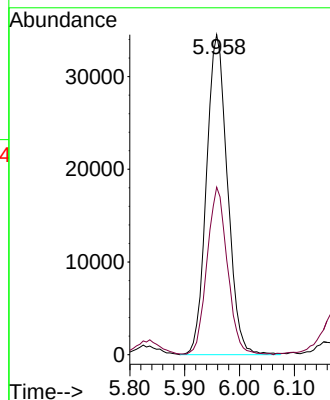
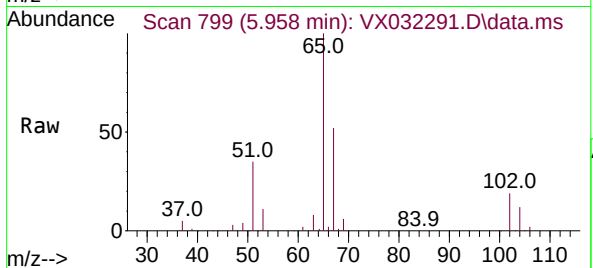
MW-10

Tgt Ion: 65 Resp: 91665

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032291.D

Acq: 21 Oct 2022 16:12

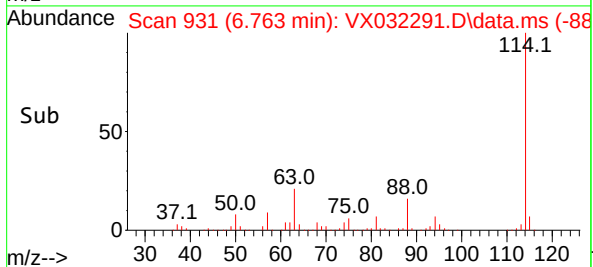
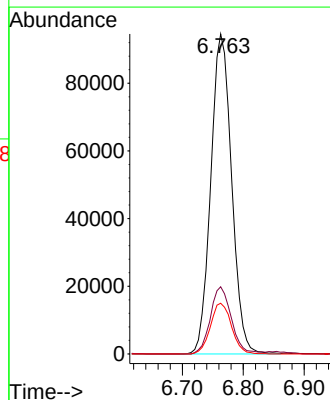
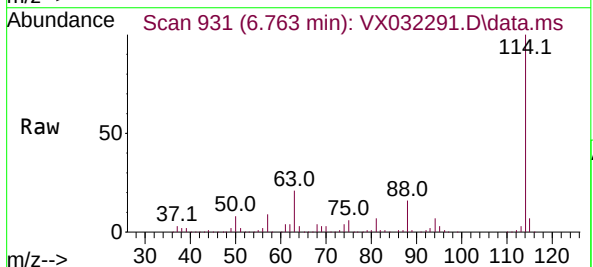
Tgt Ion: 114 Resp: 224510

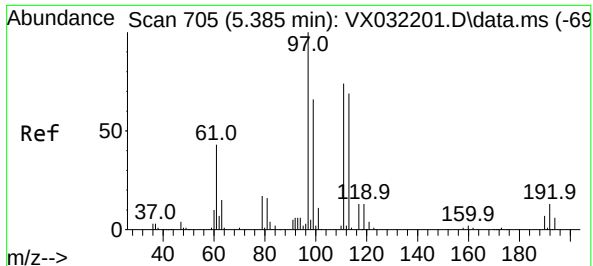
Ion Ratio Lower Upper

114 100

63 21.0 0.0 38.6

88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 45.164 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032291.D

Acq: 21 Oct 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

MW-10

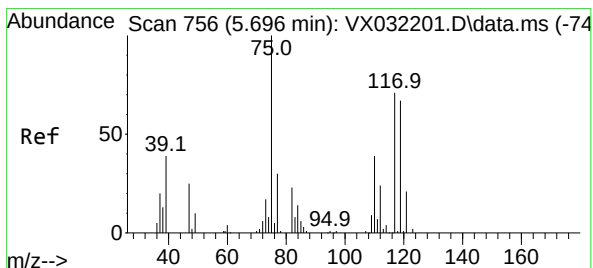
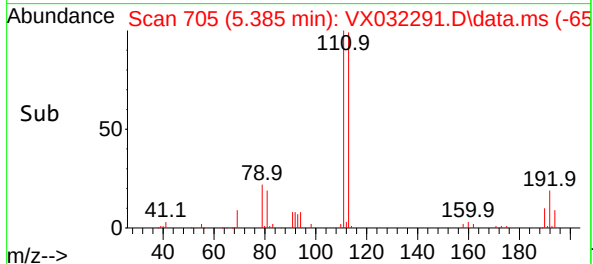
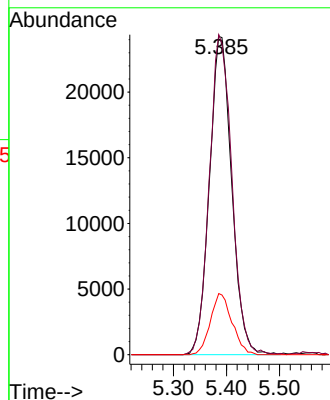
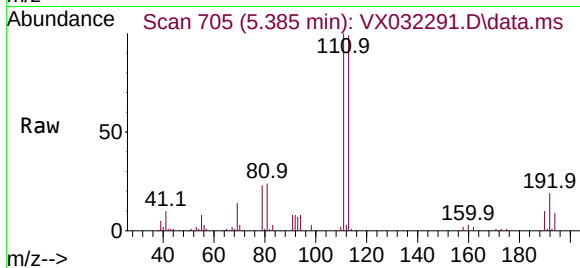
Tgt Ion:113 Resp: 70559

Ion Ratio Lower Upper

113 100

111 102.1 82.8 124.2

192 18.7 15.5 23.3



#36

1,1-Dichloropropene

Concen: 5.816 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX032291.D

Acq: 21 Oct 2022 16:12

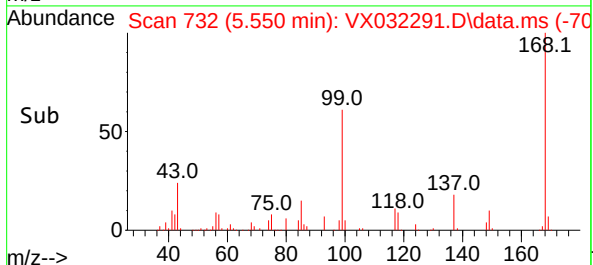
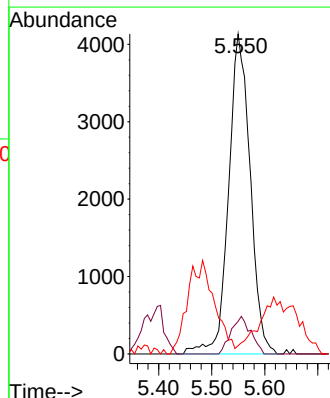
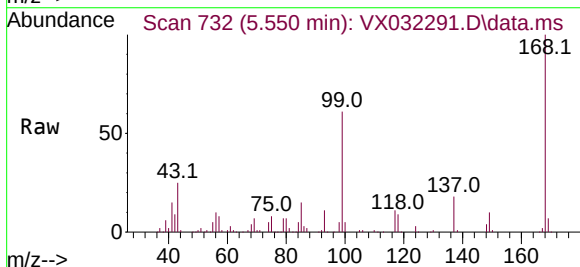
Tgt Ion: 75 Resp: 11689

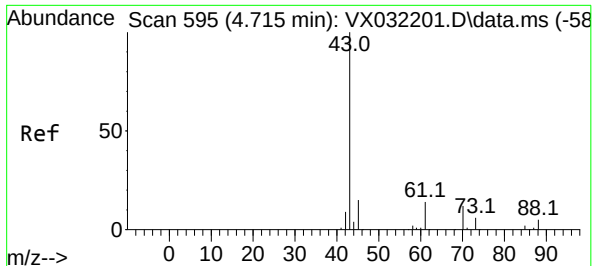
Ion Ratio Lower Upper

75 100

110 10.7 18.4 55.0#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.224 ug/l

RT: 4.776 min Scan# 605

Delta R.T. 0.061 min

Lab File: VX032291.D

Acq: 21 Oct 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

MW-10

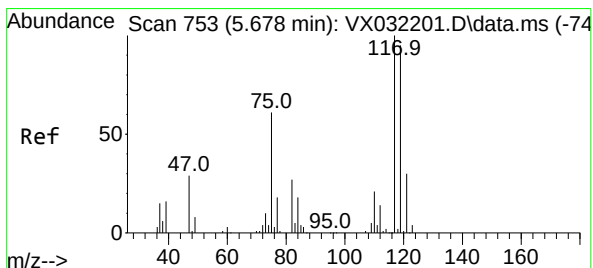
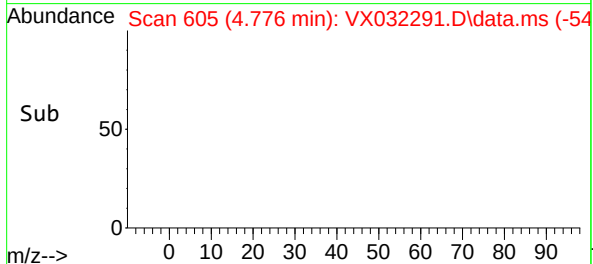
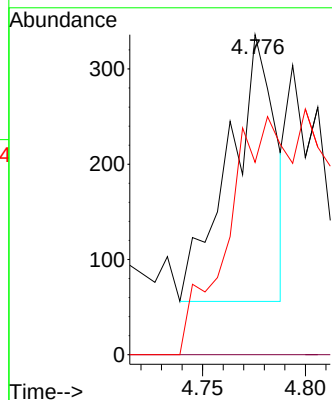
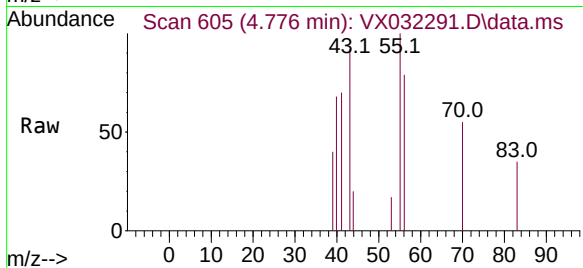
Tgt Ion: 43 Resp: 440

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.2#

70 121.1 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 7.291 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX032291.D

Acq: 21 Oct 2022 16:12

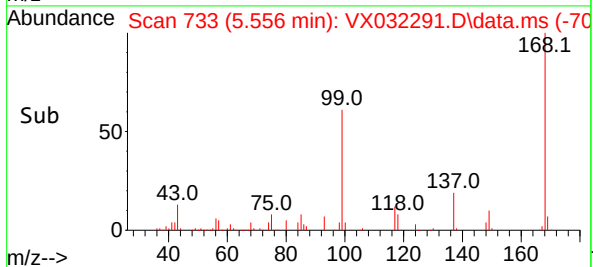
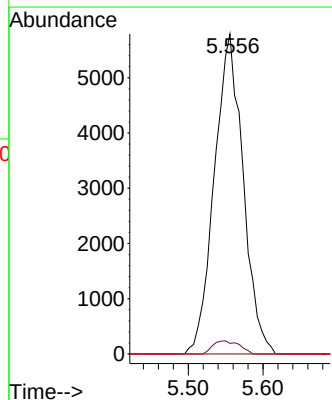
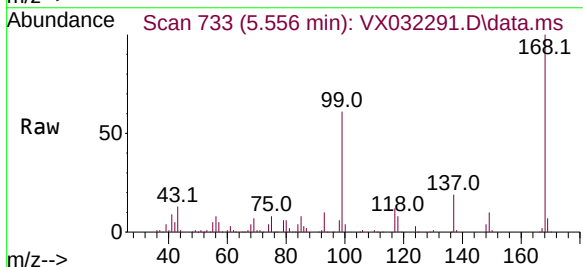
Tgt Ion: 117 Resp: 15468

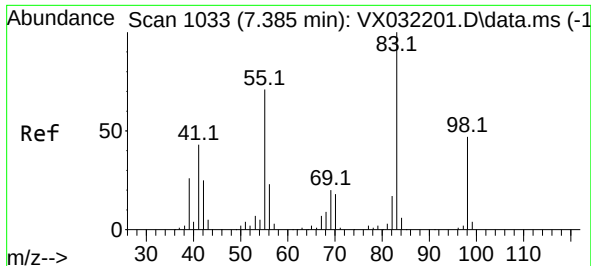
Ion Ratio Lower Upper

117 100

119 3.3 75.4 113.0#

121 0.0 23.9 35.9#

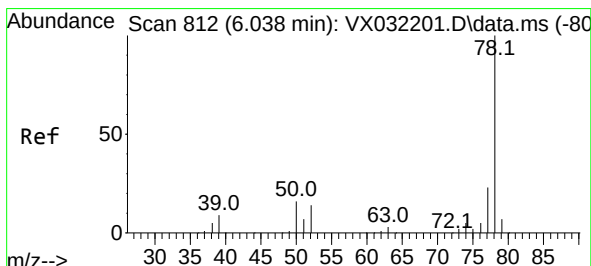
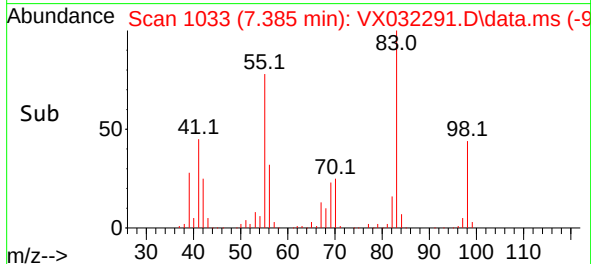
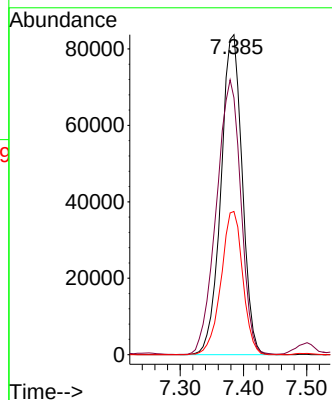
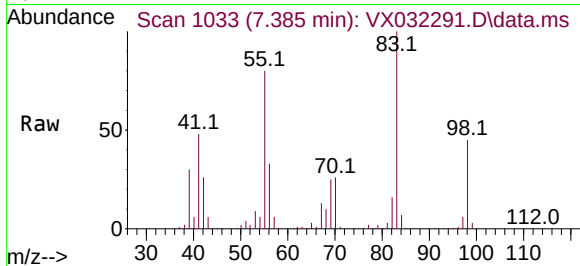




#39
Methylcyclohexane
Concen: 81.216 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

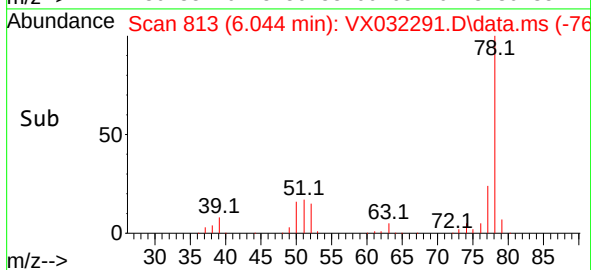
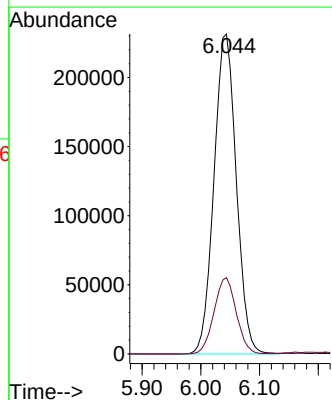
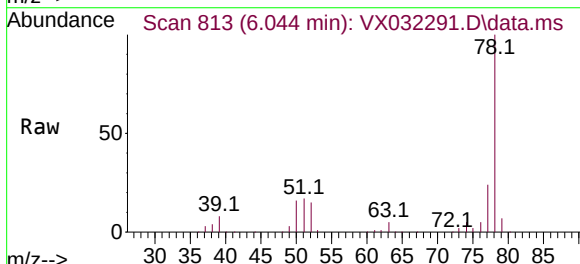
Instrument :
MSVOA_X
ClientSampleId :
MW-10

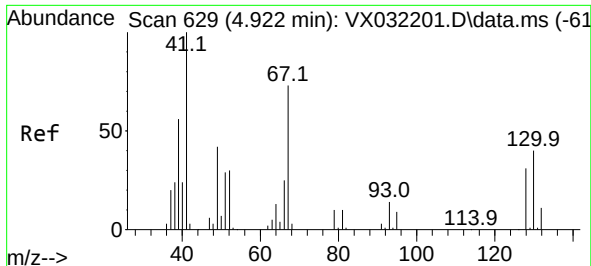
Tgt Ion: 83 Resp: 194978
Ion Ratio Lower Upper
83 100
55 80.2 56.6 85.0
98 44.8 37.4 56.0



#40
Benzene
Concen: 104.959 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

Tgt Ion: 78 Resp: 611344
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8

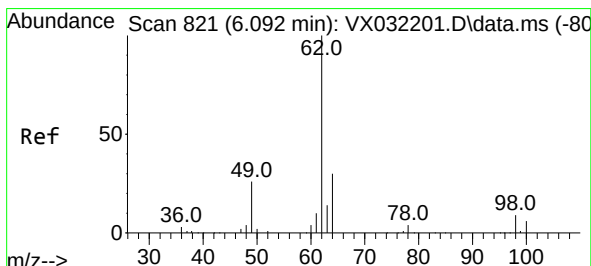
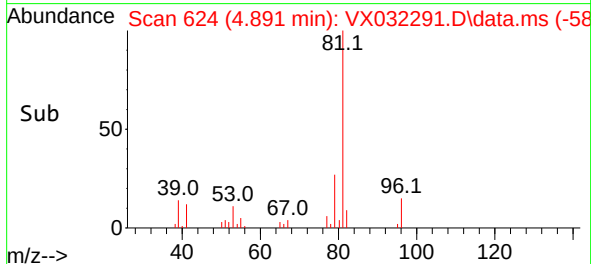
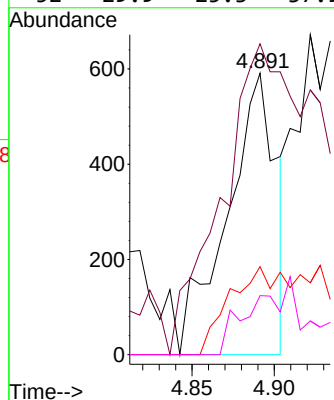
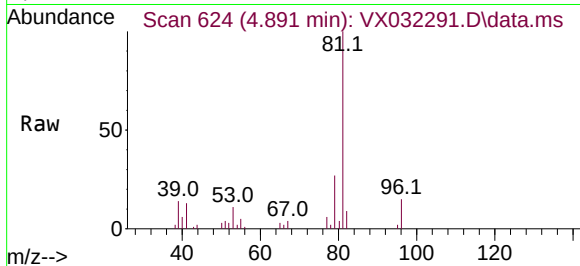




#41
Methacrylonitrile
Concen: 1.172 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.031 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

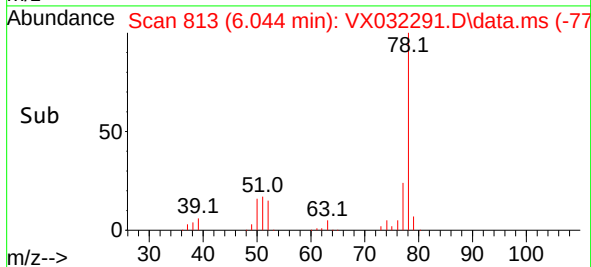
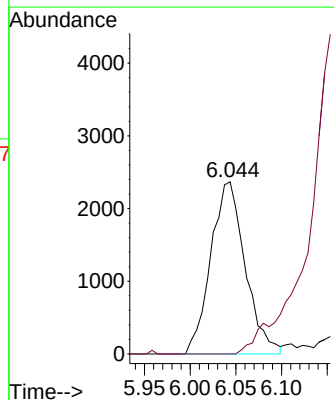
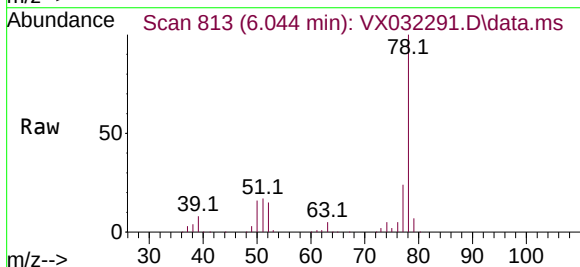
Instrument :
MSVOA_X
ClientSampleId :
MW-10

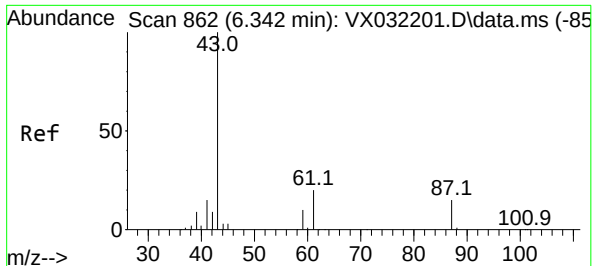
Tgt Ion: 41 Resp: 1216
Ion Ratio Lower Upper
41 100
39 208.7 45.5 68.3#
67 0.0 59.4 89.2#
52 29.9 25.3 37.9



#42
1,2-Dichloroethane
Concen: 2.778 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.048 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

Tgt Ion: 62 Resp: 6197
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.4

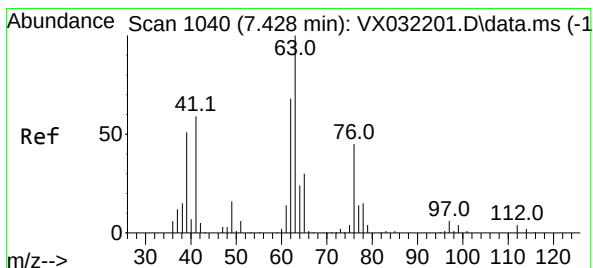
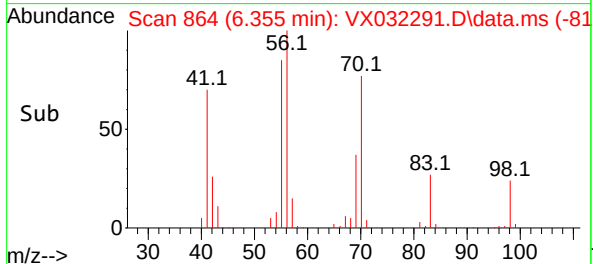
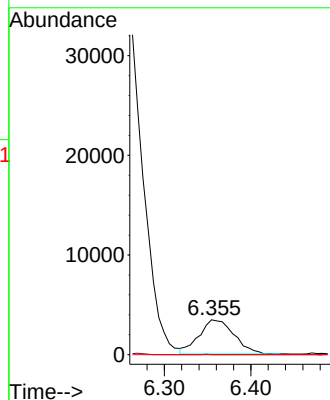
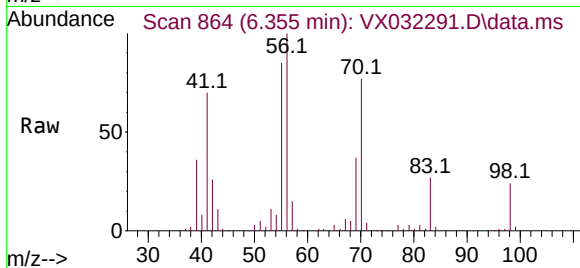




#43
Isopropyl Acetate
Concen: 3.118 ug/l
RT: 6.355 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

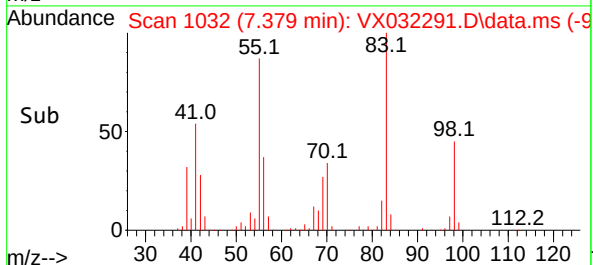
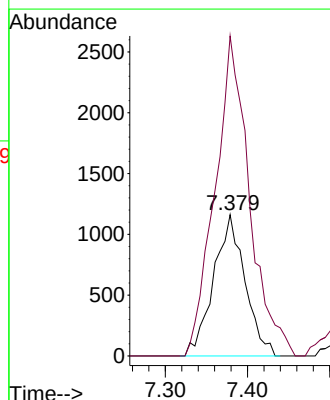
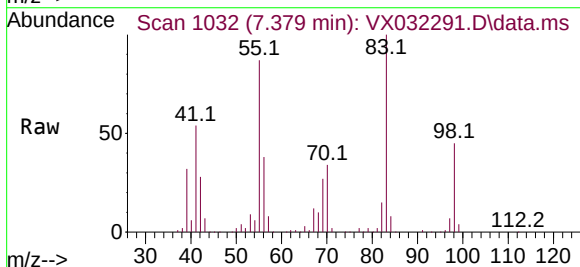
Instrument :
MSVOA_X
ClientSampleId :
MW-10

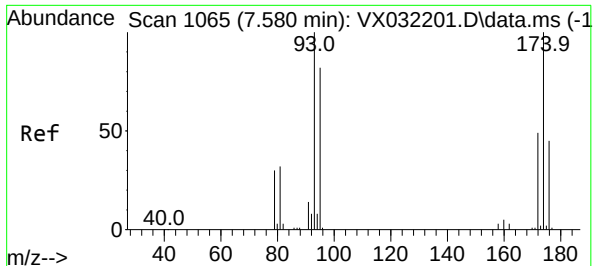
Tgt Ion: 43 Resp: 9628
Ion Ratio Lower Upper
43 100
61 0.0 15.5 23.3#
87 0.0 11.0 16.6#



#45
1,2-Dichloropropane
Concen: 2.097 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.049 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

Tgt Ion: 63 Resp: 3081
Ion Ratio Lower Upper
63 100
65 226.4 23.8 35.8#

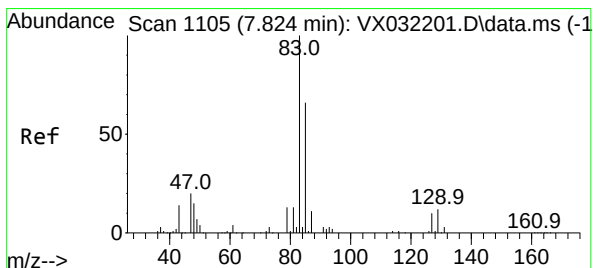
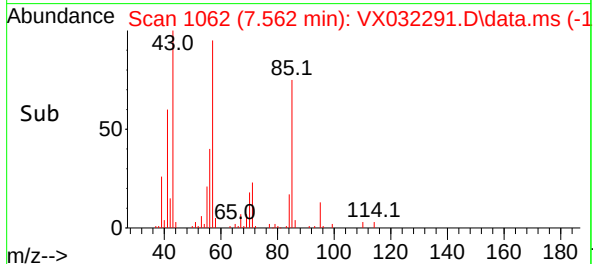
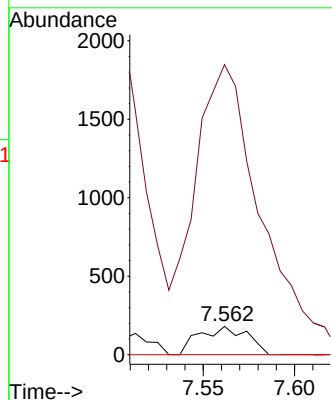
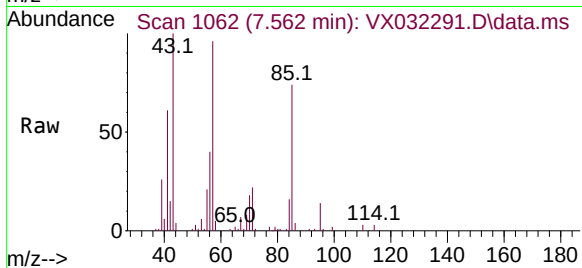




#46
Dibromomethane
Concen: 0.302 ug/l
RT: 7.562 min Scan# 1097
Delta R.T. -0.018 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

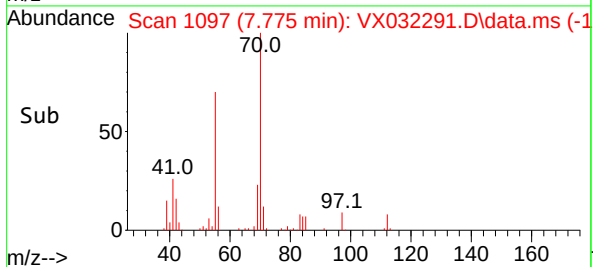
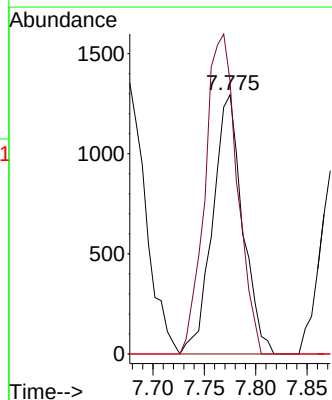
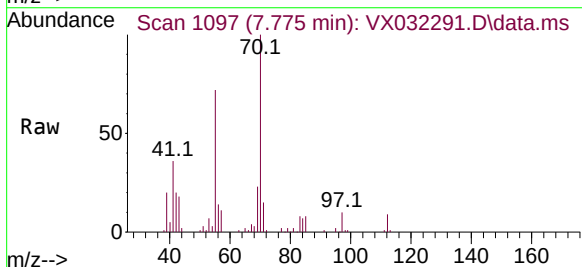
Instrument :
MSVOA_X
ClientSampleId :
MW-10

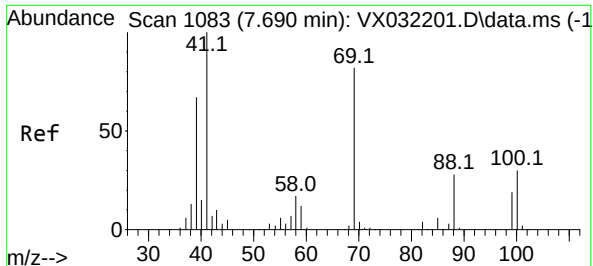
Tgt Ion: 93 Resp: 331
Ion Ratio Lower Upper
93 100
95 1416.3 66.1 99.1#
174 0.0 80.7 121.1#



#47
Bromodichloromethane
Concen: 1.297 ug/l
RT: 7.775 min Scan# 1097
Delta R.T. -0.049 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

Tgt Ion: 83 Resp: 2626
Ion Ratio Lower Upper
83 100
85 105.1 53.0 79.6#
127 0.0 7.8 11.8#





#48

Methyl methacrylate

Concen: 25.303 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.031 min

Lab File: VX032291.D

Acq: 21 Oct 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

MW-10

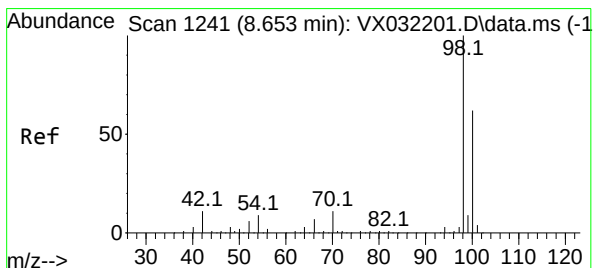
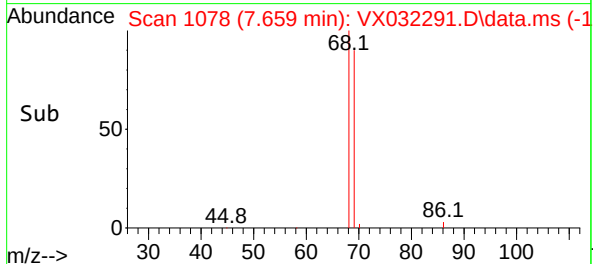
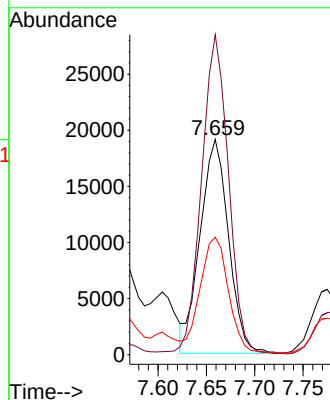
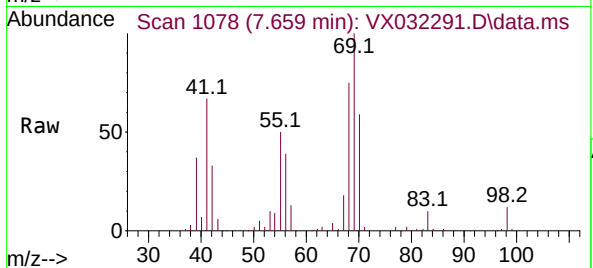
Tgt Ion: 41 Resp: 38971

Ion Ratio Lower Upper

41 100

69 142.8 67.3 100.9#

39 53.8 53.8 80.8#



#50

Toluene-d8

Concen: 48.728 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX032291.D

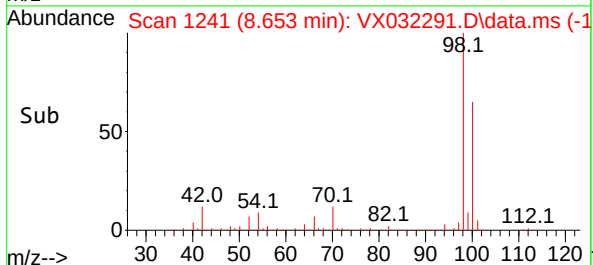
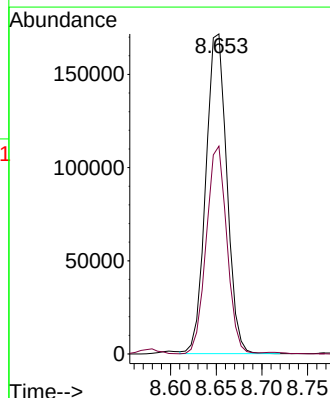
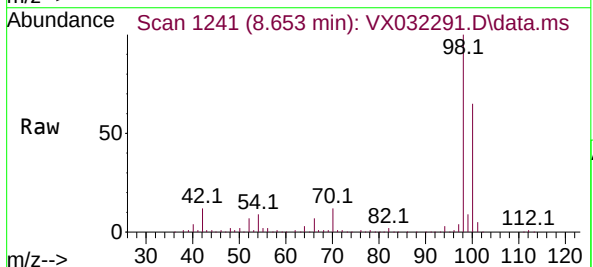
Acq: 21 Oct 2022 16:12

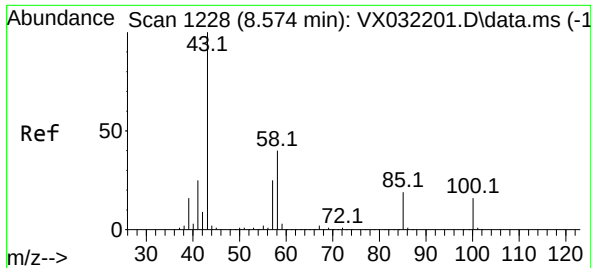
Tgt Ion: 98 Resp: 274033

Ion Ratio Lower Upper

98 100

100 63.6 50.7 76.1

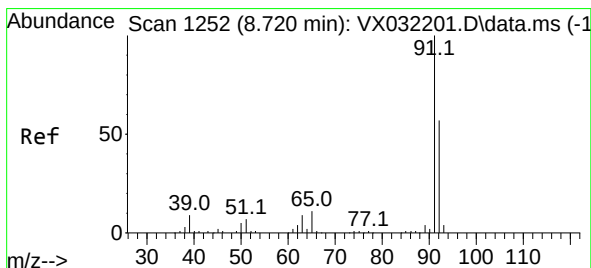
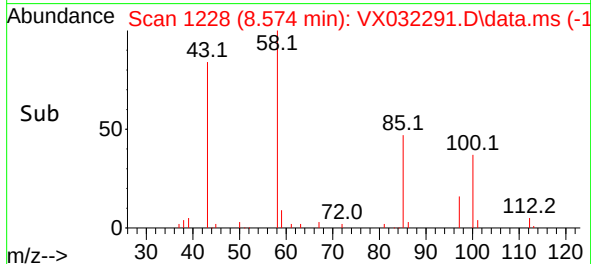
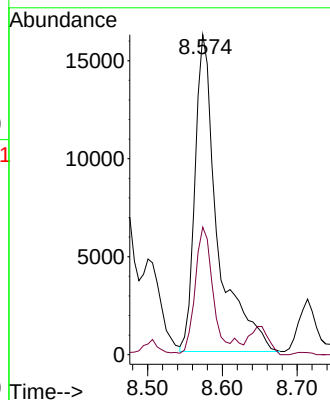
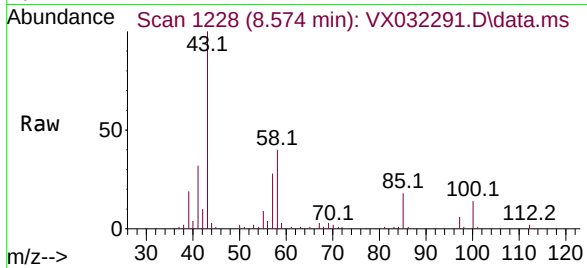




#51
4-Methyl-2-Pentanone
Concen: 17.582 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

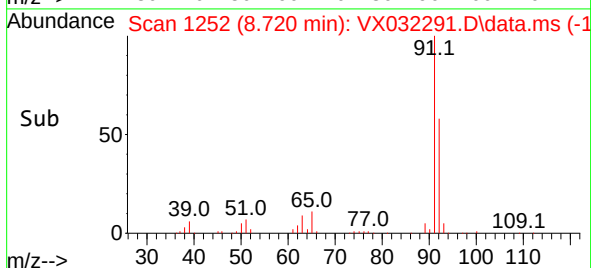
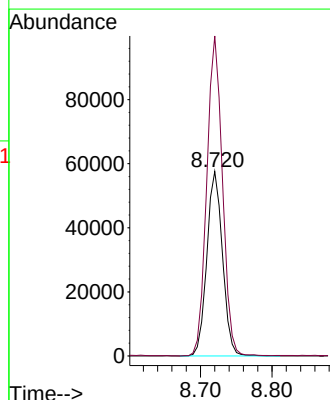
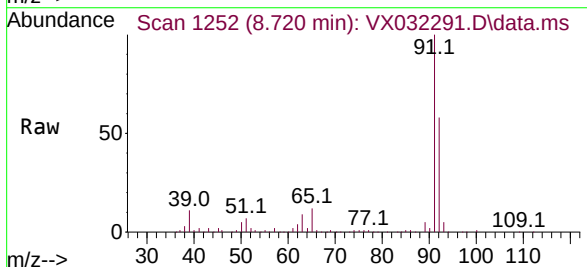
Instrument :
MSVOA_X
ClientSampleId :
MW-10

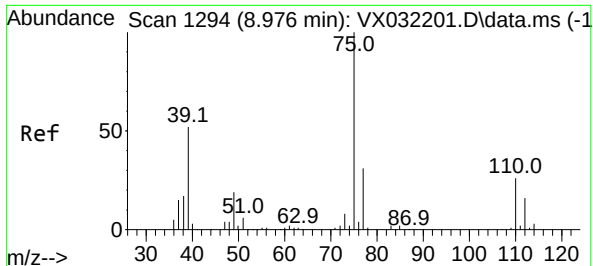
Tgt Ion: 43 Resp: 34038
Ion Ratio Lower Upper
43 100
58 31.5 31.0 46.4



#52
Toluene
Concen: 23.187 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

Tgt Ion: 92 Resp: 87488
Ion Ratio Lower Upper
92 100
91 174.0 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 1.841 ug/l

RT: 8.830 min Scan# 11

Delta R.T. -0.146 min

Lab File: VX032291.D

Acq: 21 Oct 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

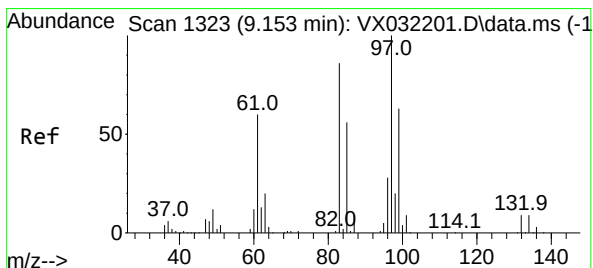
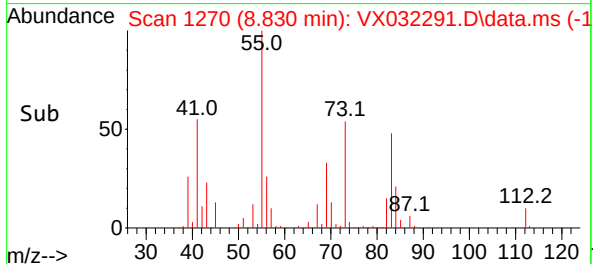
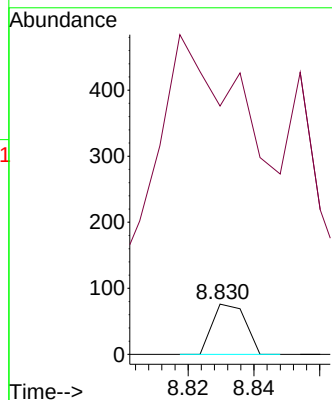
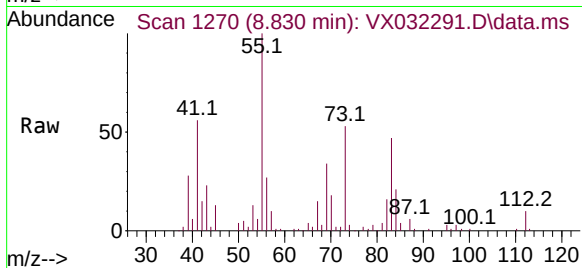
MW-10

Tgt Ion: 75 Resp: 53

Ion Ratio Lower Upper

75 100

77 135.5 25.2 37.8#



#55

1,1,2-Trichloroethane

Concen: 23.580 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.049 min

Lab File: VX032291.D

Acq: 21 Oct 2022 16:12

Tgt Ion: 97 Resp: 36143

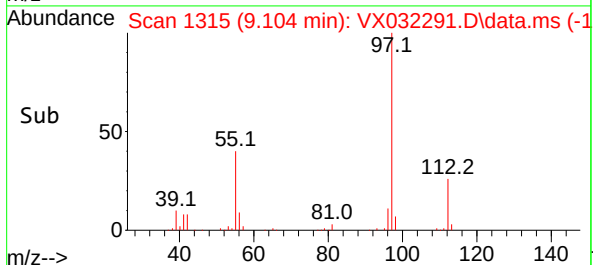
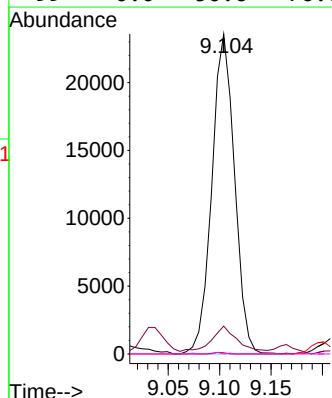
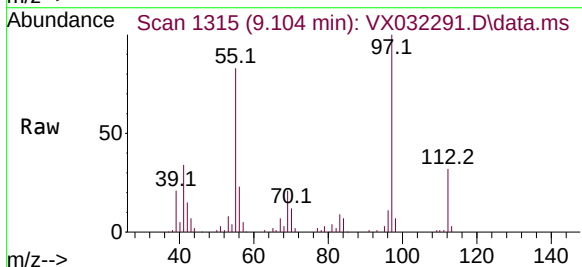
Ion Ratio Lower Upper

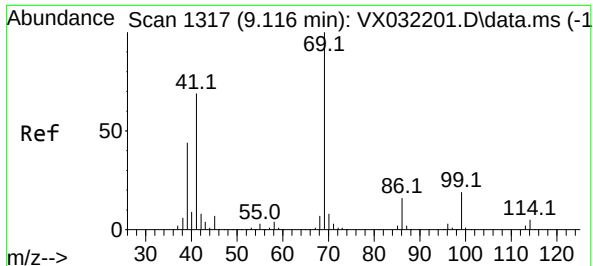
97 100

83 7.9 68.8 103.2#

85 0.4 44.7 67.1#

99 0.0 50.6 76.0#

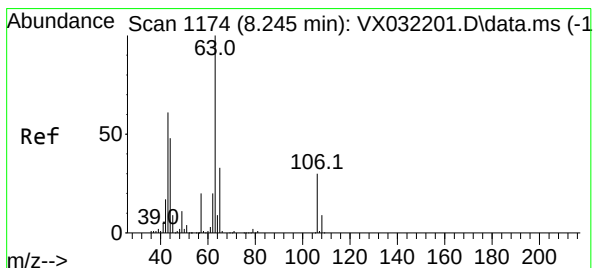
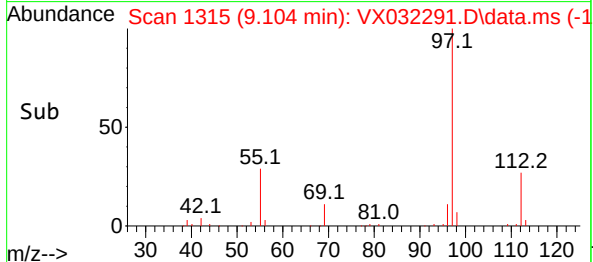
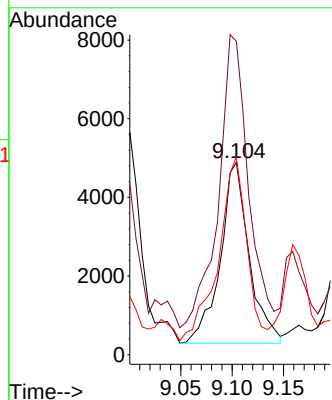
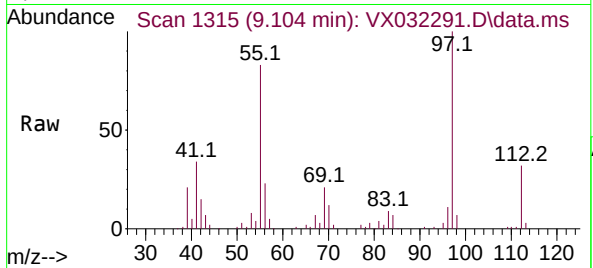




#56
Ethyl methacrylate
Concen: 4.058 ug/l
RT: 9.104 min Scan# 1166
Delta R.T. -0.012 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

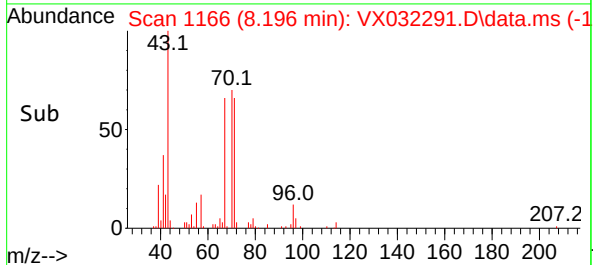
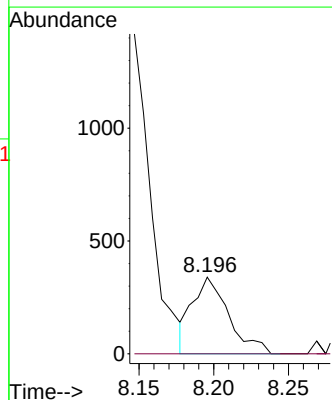
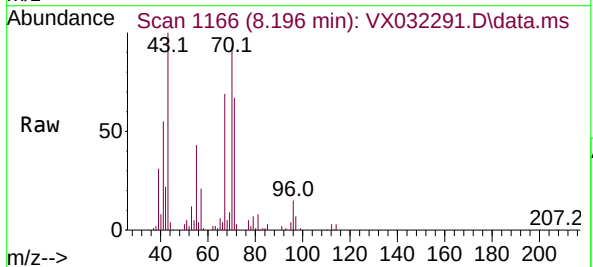
Instrument :
MSVOA_X
ClientSampleId :
MW-10

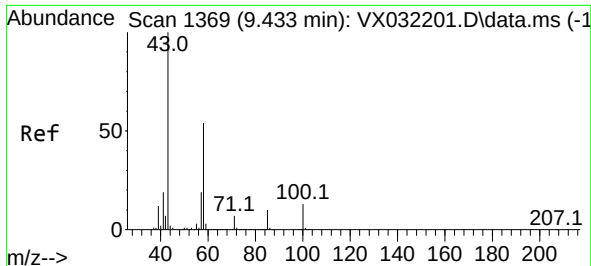
Tgt Ion: 69 Resp: 8958
Ion Ratio Lower Upper
69 100
41 166.4 54.5 81.7#
39 99.3 35.7 53.5#



#58
2-Chloroethyl Vinyl ether
Concen: 0.566 ug/l
RT: 8.196 min Scan# 1166
Delta R.T. -0.049 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

Tgt Ion: 63 Resp: 573
Ion Ratio Lower Upper
63 100
106 0.0 23.6 35.4#





#59

2-Hexanone

Concen: 15.101 ug/l

RT: 9.452 min Scan# 1

Delta R.T. 0.019 min

Lab File: VX032291.D

Acq: 21 Oct 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

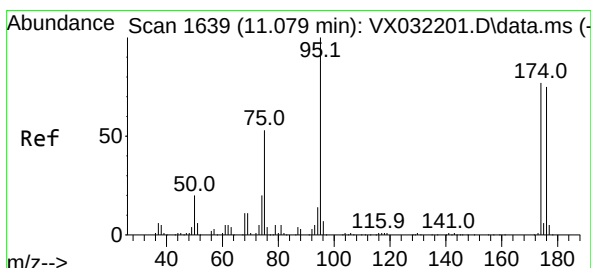
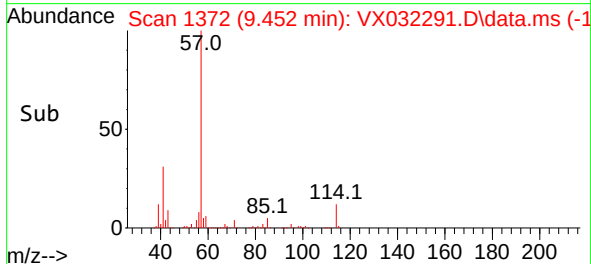
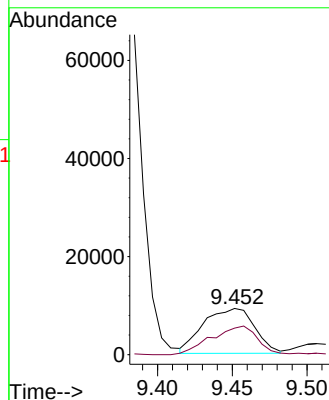
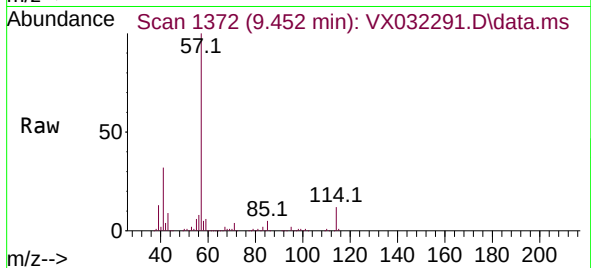
MW-10

Tgt Ion: 43 Resp: 21813

Ion Ratio Lower Upper

43 100

58 59.5 26.7 80.1



#62

4-Bromofluorobenzene

Concen: 54.671 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032291.D

Acq: 21 Oct 2022 16:12

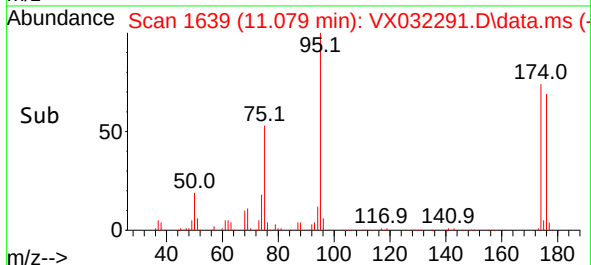
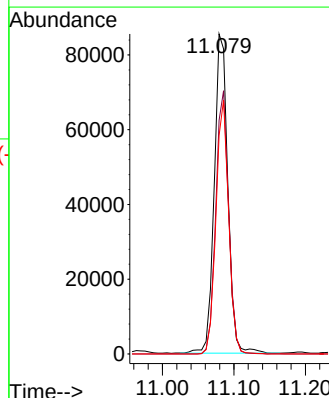
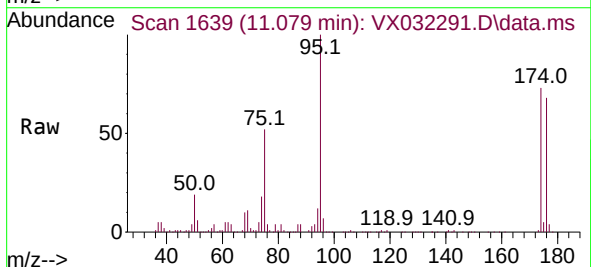
Tgt Ion: 95 Resp: 112585

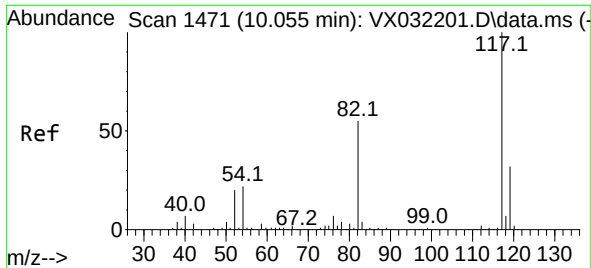
Ion Ratio Lower Upper

95 100

174 77.9 0.0 166.8

176 74.4 0.0 161.4

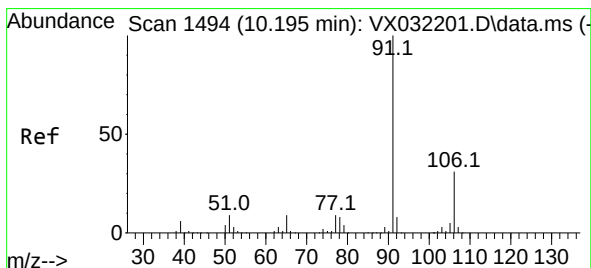
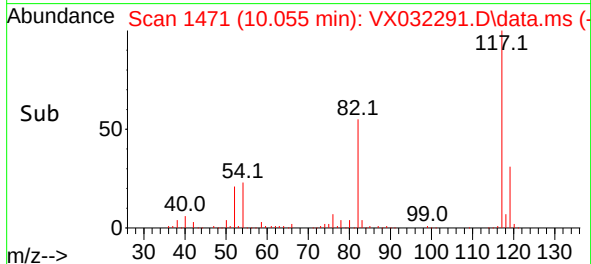
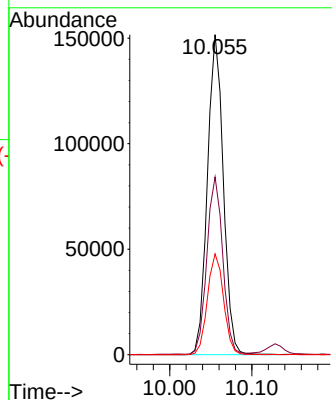
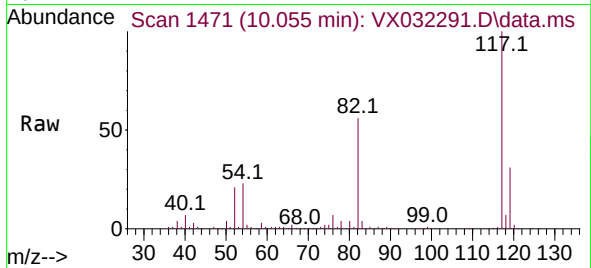




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

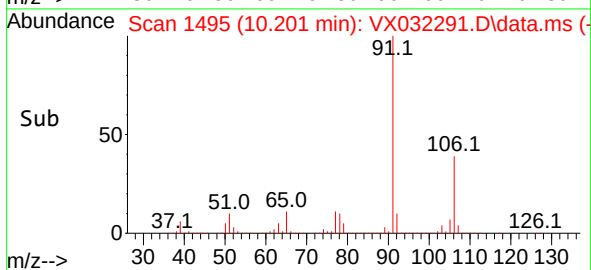
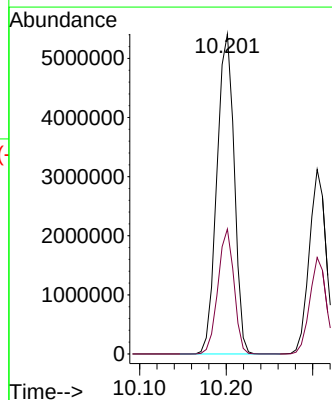
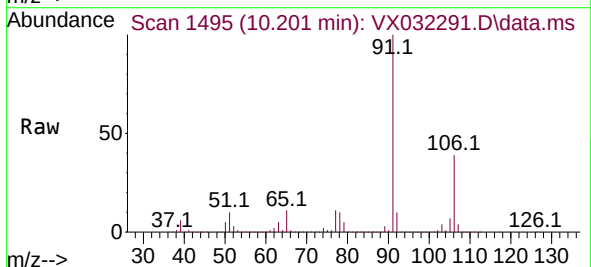
Instrument :
MSVOA_X
ClientSampleId :
MW-10

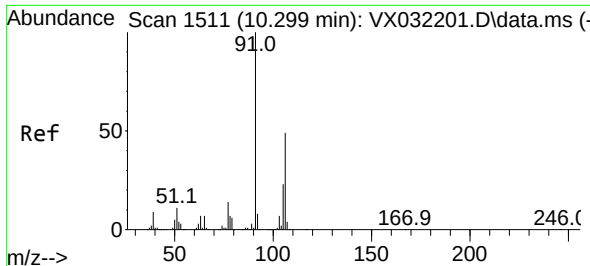
Tgt Ion:117 Resp: 203872
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.4
119 31.5 25.8 38.8



#67
Ethyl Benzene
Concen: 1015.820 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

Tgt Ion: 91 Resp: 7517497
Ion Ratio Lower Upper
91 100
106 39.0 25.0 37.4#

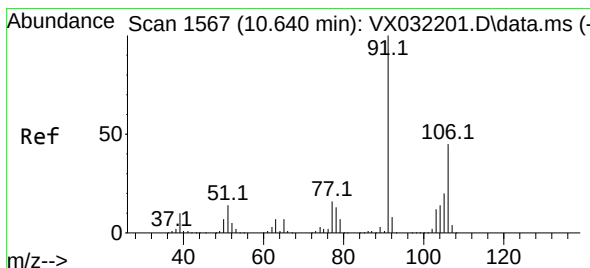
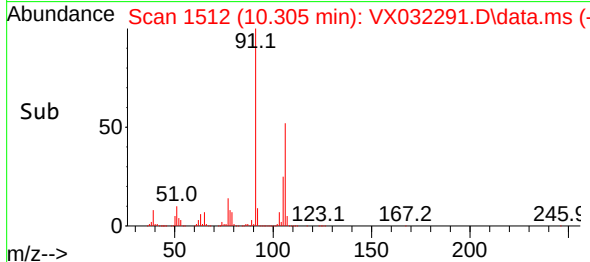
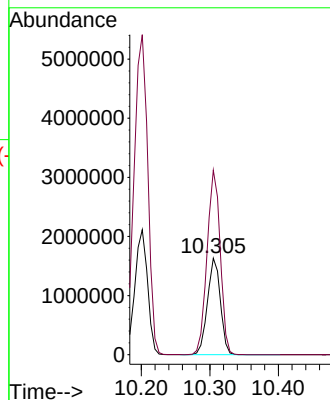
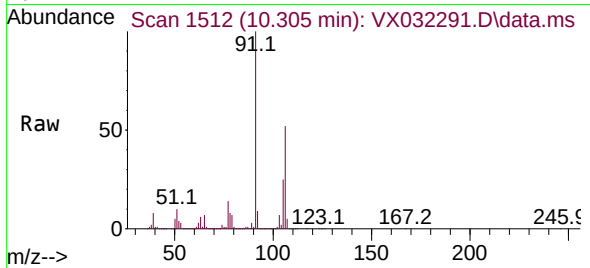




#68
m/p-Xylenes
Concen: 732.665 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

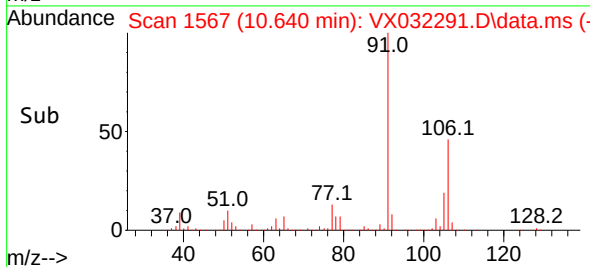
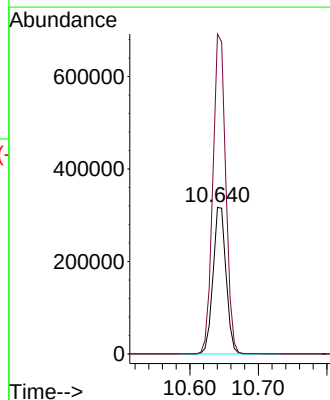
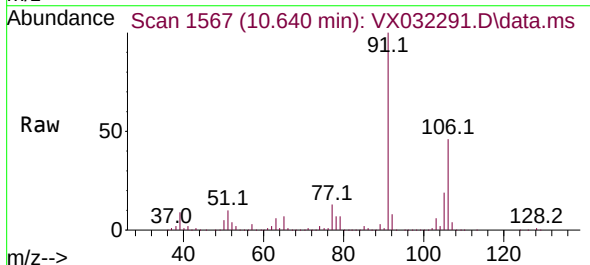
Instrument :
MSVOA_X
ClientSampleId :
MW-10

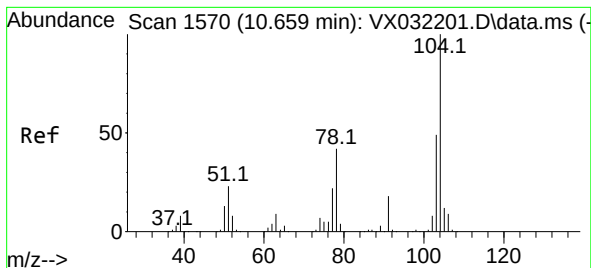
Tgt Ion:106 Resp: 2141237
Ion Ratio Lower Upper
106 100
91 195.5 162.6 244.0



#69
o-Xylene
Concen: 149.344 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

Tgt Ion:106 Resp: 418128
Ion Ratio Lower Upper
106 100
91 216.7 108.3 324.9





#70

Styrene

Concen: 4.395 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. -0.013 min

Lab File: VX032291.D

Acq: 21 Oct 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

MW-10

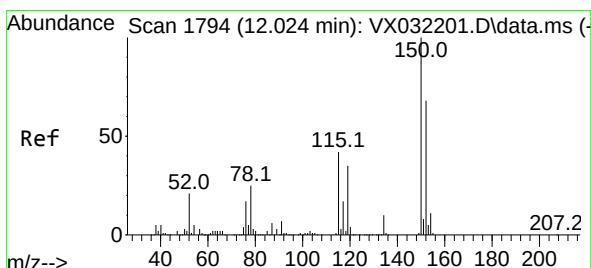
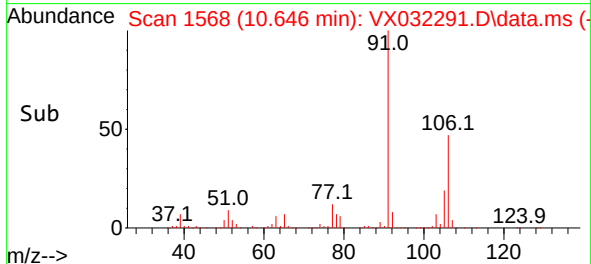
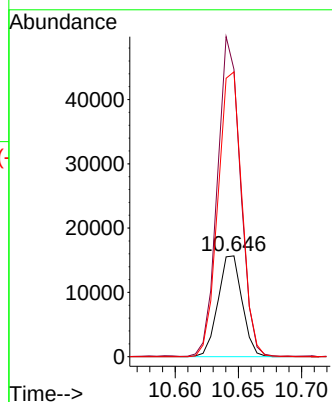
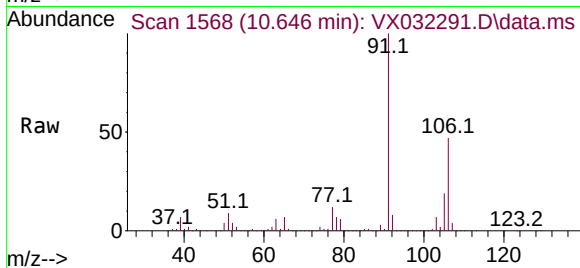
Tgt Ion:104 Resp: 20752

Ion Ratio Lower Upper

104 100

78 301.8 40.8 61.2#

103 280.9 44.2 66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX032291.D

Acq: 21 Oct 2022 16:12

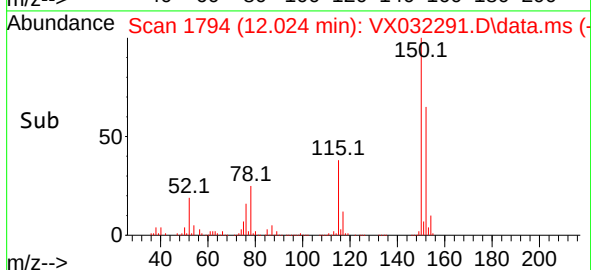
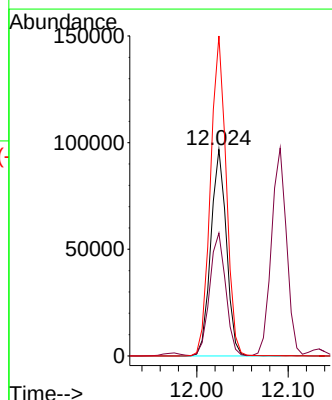
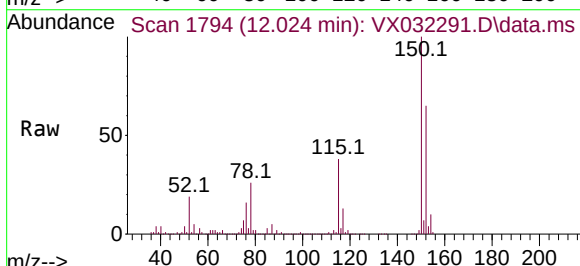
Tgt Ion:152 Resp: 114316

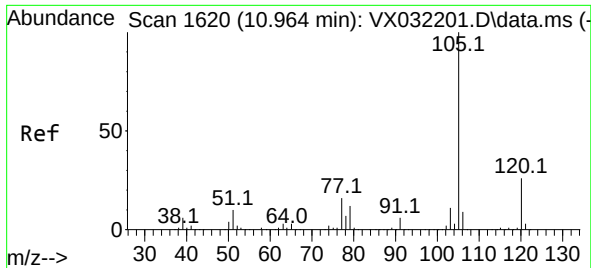
Ion Ratio Lower Upper

152 100

115 60.8 43.1 129.4

150 156.1 0.0 348.6

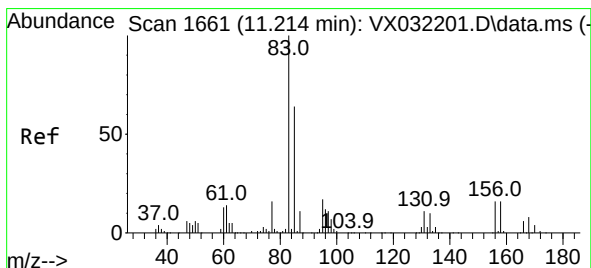
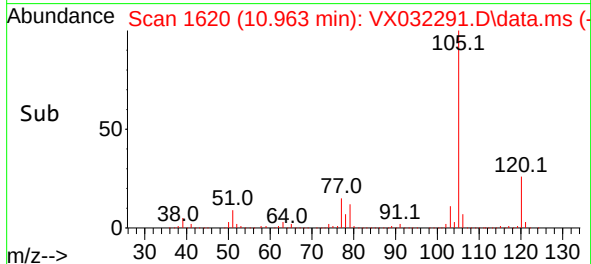
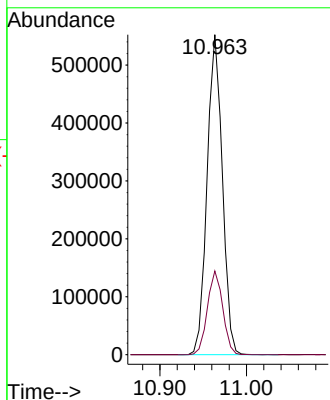
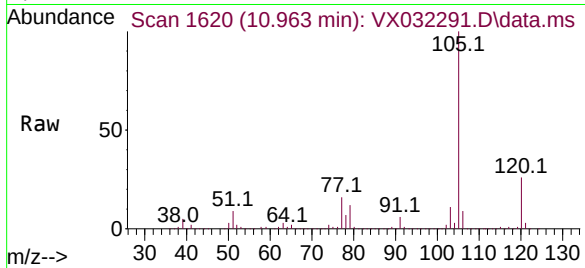




#73
Isopropylbenzene
Concen: 82.759 ug/l
RT: 10.963 min Scan# 1653
Delta R.T. -0.001 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

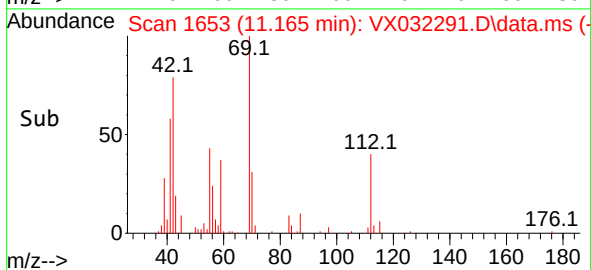
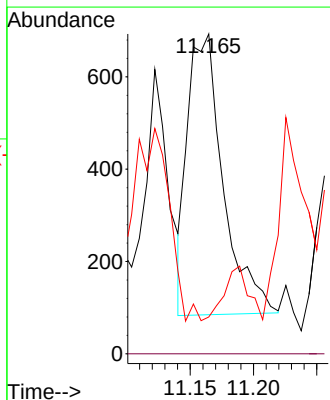
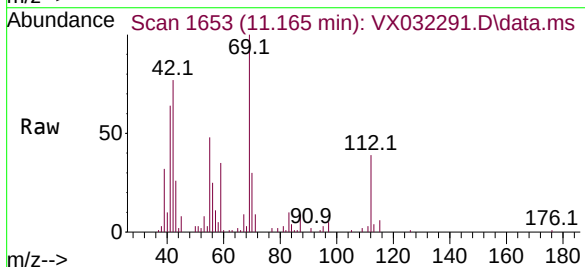
Instrument :
MSVOA_X
ClientSampleId :
MW-10

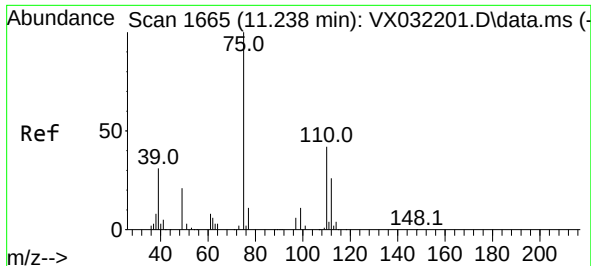
Tgt Ion:105 Resp: 675064
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6



#75
1,1,2,2-Tetrachloroethane
Concen: 0.453 ug/l
RT: 11.165 min Scan# 1653
Delta R.T. -0.049 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

Tgt Ion: 83 Resp: 1187
Ion Ratio Lower Upper
83 100
131 0.0 5.2 15.6#
85 0.0 32.3 96.9#

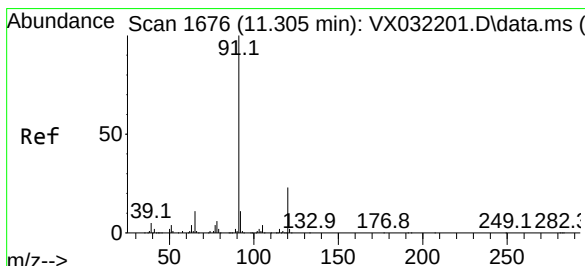
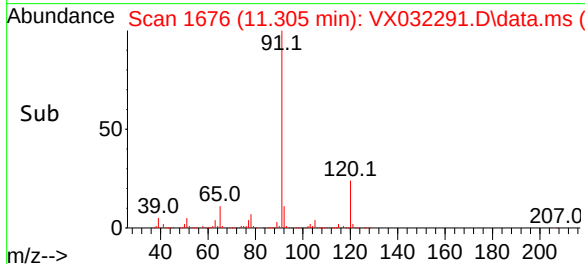
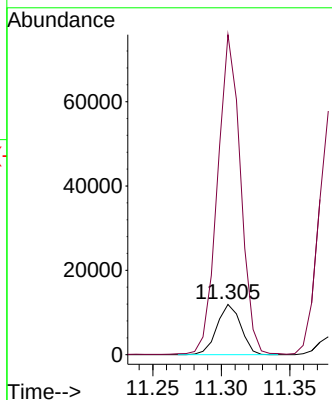
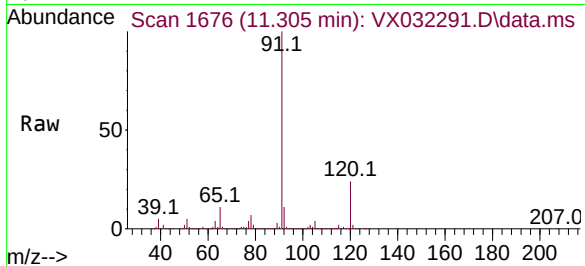




#76
1,2,3-Trichloropropane
Concen: 6.368 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.067 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

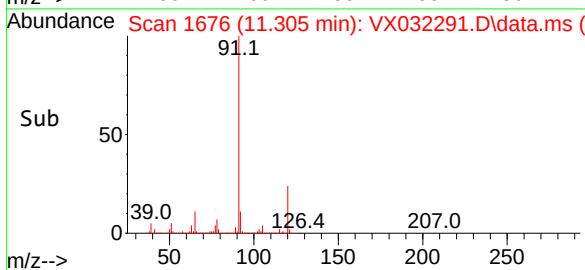
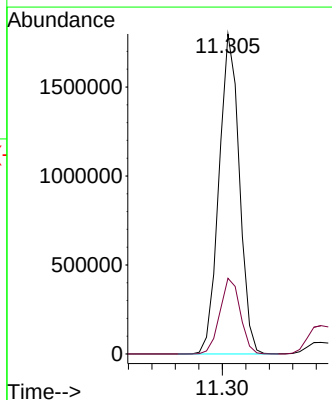
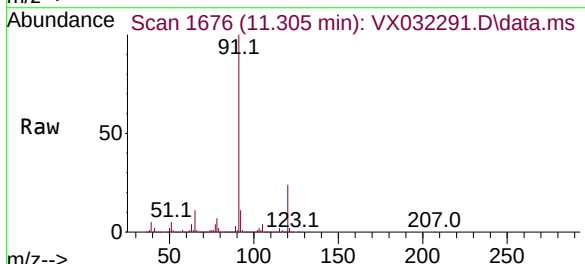
Instrument :
MSVOA_X
ClientSampleId :
MW-10

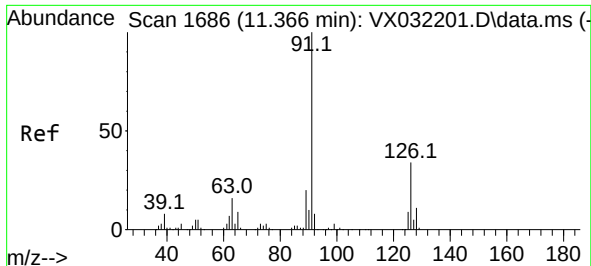
Tgt Ion: 75 Resp: 14423
Ion Ratio Lower Upper
75 100
77 613.7 16.0 47.9#



#78
n-propylbenzene
Concen: 231.790 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

Tgt Ion: 91 Resp: 2164945
Ion Ratio Lower Upper
91 100
120 23.7 11.6 34.8

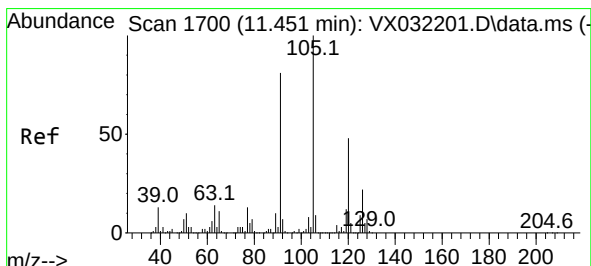
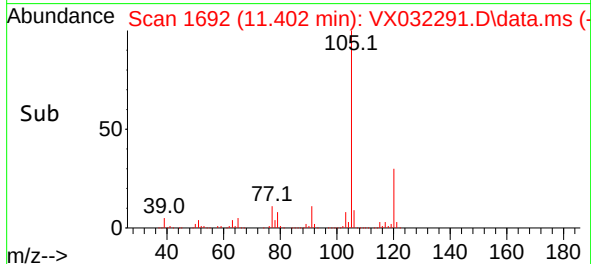
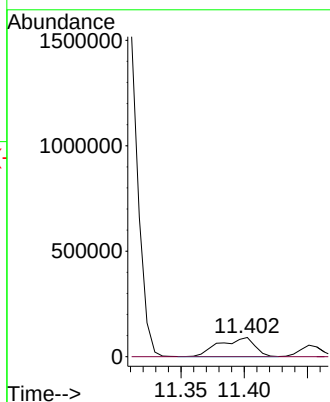
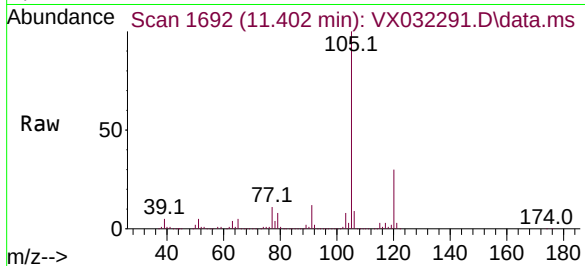




#79
2-Chlorotoluene
Concen: 31.597 ug/l
RT: 11.402 min Scan# 1
Delta R.T. 0.036 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

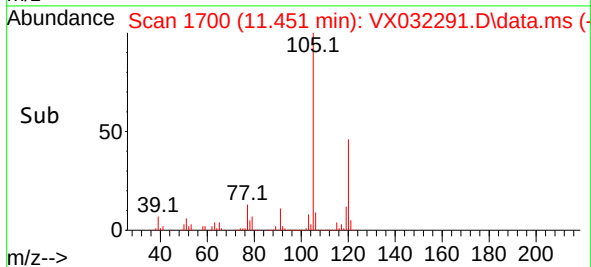
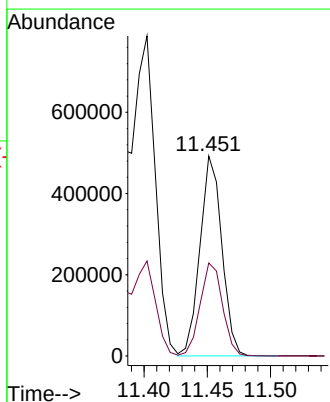
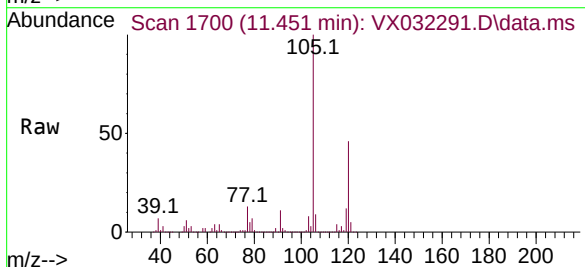
Instrument :
MSVOA_X
ClientSampleId :
MW-10

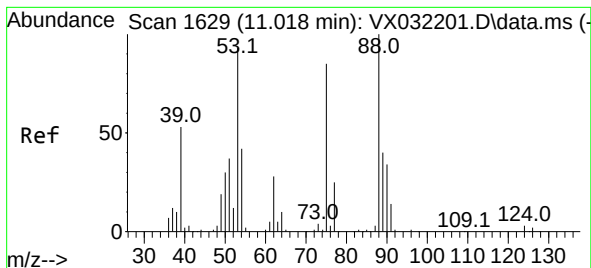
Tgt Ion: 91 Resp: 177862
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 84.197 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

Tgt Ion: 105 Resp: 593222
Ion Ratio Lower Upper
105 100
120 47.5 23.5 70.6

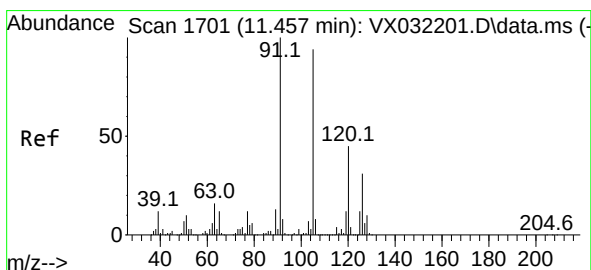
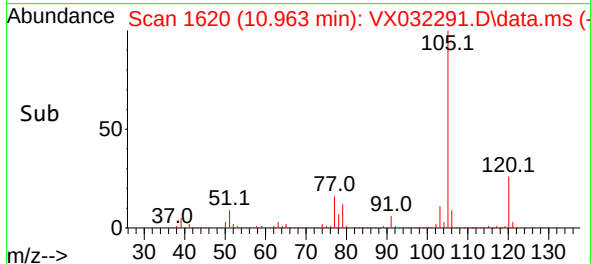
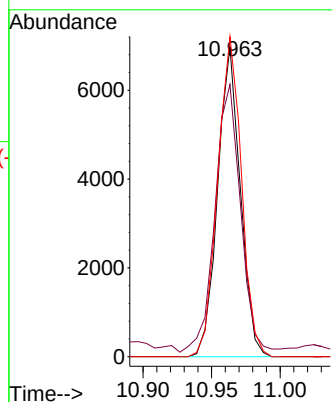
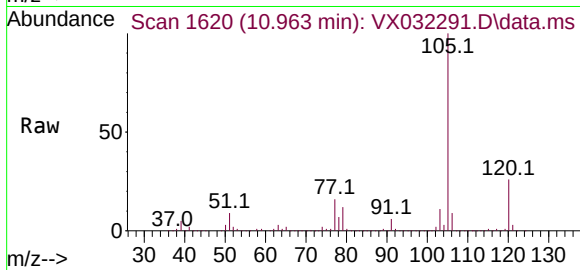




#81
trans-1,4-Dichloro-2-butene
Concen: 13.265 ug/l
RT: 10.963 min Scan# 1692
Delta R.T. -0.055 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

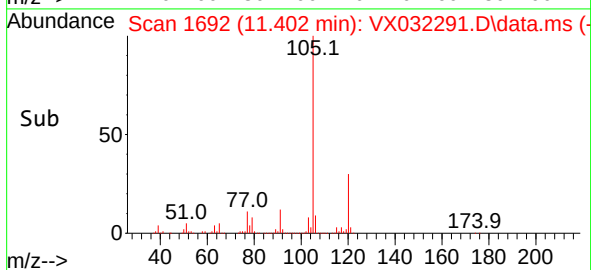
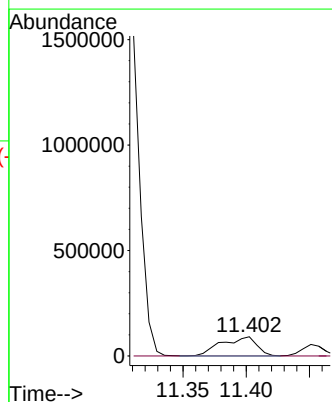
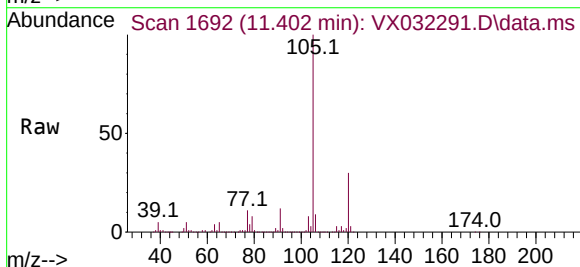
Instrument :
MSVOA_X
ClientSampleId :
MW-10

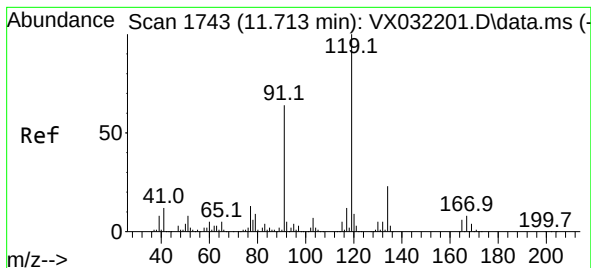
Tgt Ion: 75 Resp: 8005
Ion Ratio Lower Upper
75 100
53 97.5 87.8 131.8
89 108.3 37.8 56.8#



#82
4-Chlorotoluene
Concen: 27.139 ug/l
RT: 11.402 min Scan# 1692
Delta R.T. -0.055 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

Tgt Ion: 91 Resp: 177862
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.5#





#83

tert-Butylbenzene

Concen: 48.751 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.043 min

Lab File: VX032291.D

Acq: 21 Oct 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

MW-10

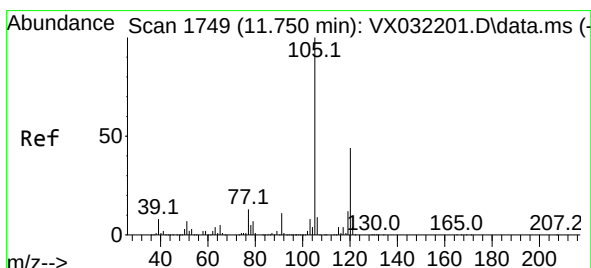
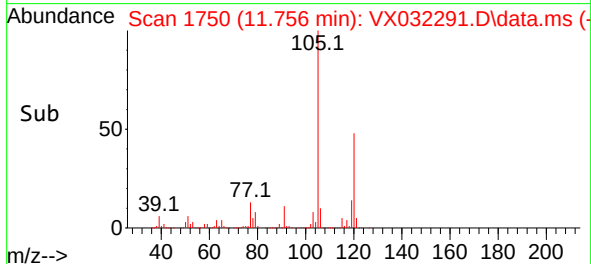
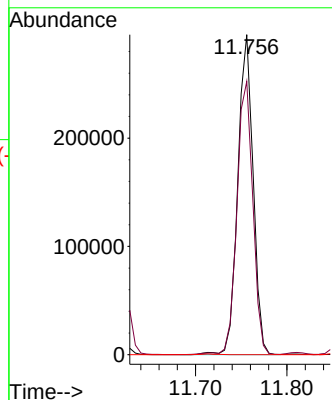
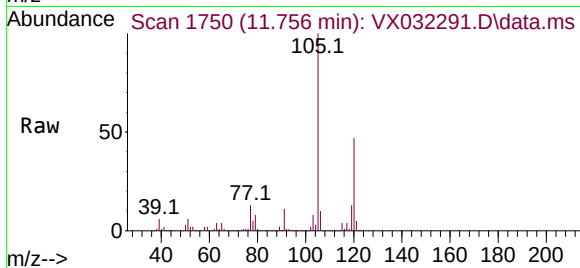
Tgt Ion:119 Resp: 343670

Ion Ratio Lower Upper

119 100

91 88.6 29.1 87.3#

134 0.0 11.3 33.8#



#84

1,2,4-Trimethylbenzene

Concen: 399.201 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX032291.D

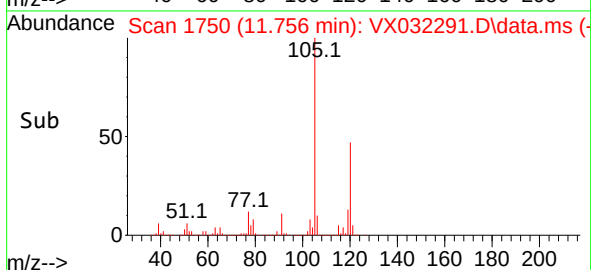
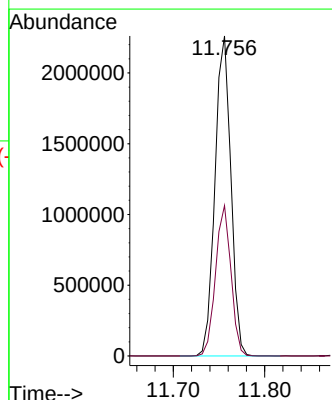
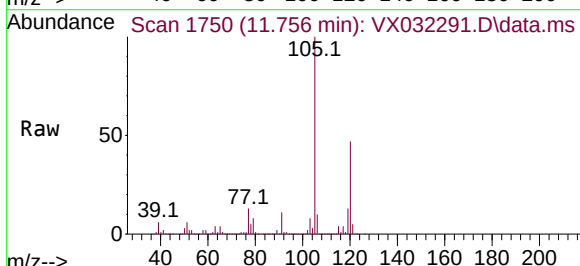
Acq: 21 Oct 2022 16:12

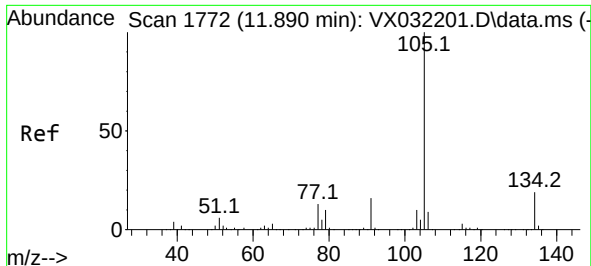
Tgt Ion:105 Resp: 2734528

Ion Ratio Lower Upper

105 100

120 45.7 22.1 66.1

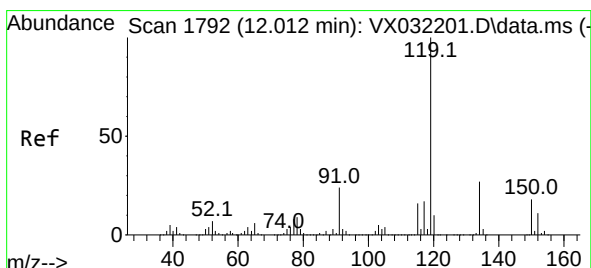
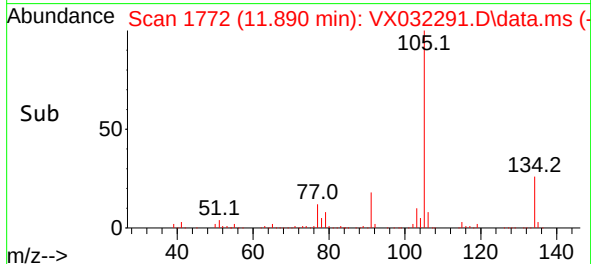
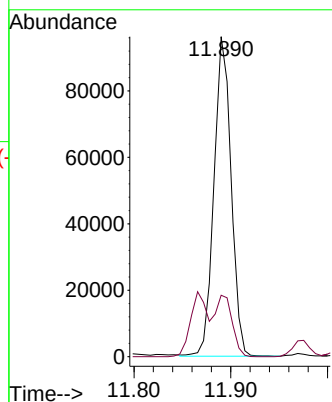
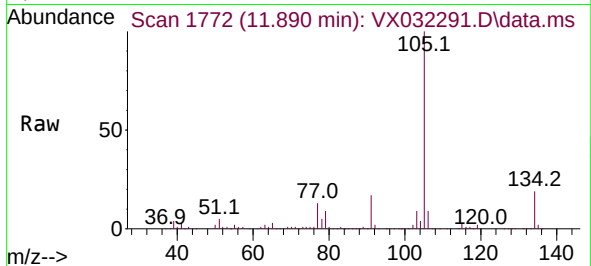




#85
 sec-Butylbenzene
 Concen: 13.870 ug/l
 RT: 11.890 min Scan# 118161
 Delta R.T. 0.000 min
 Lab File: VX032291.D
 Acq: 21 Oct 2022 16:12

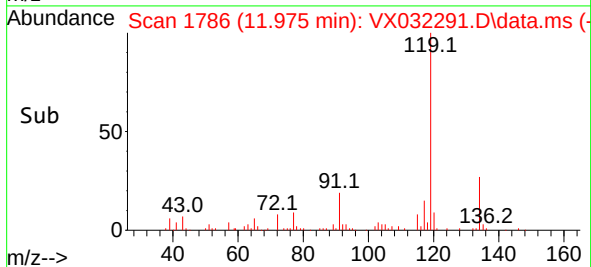
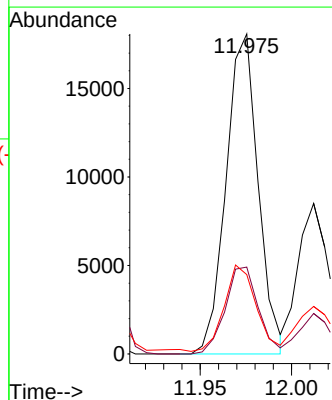
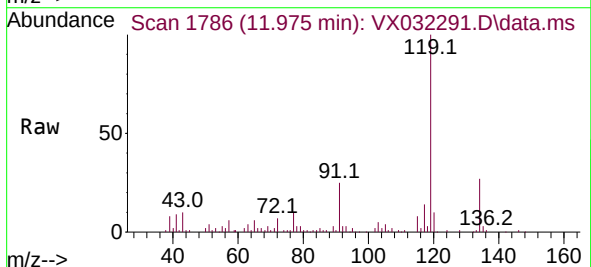
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

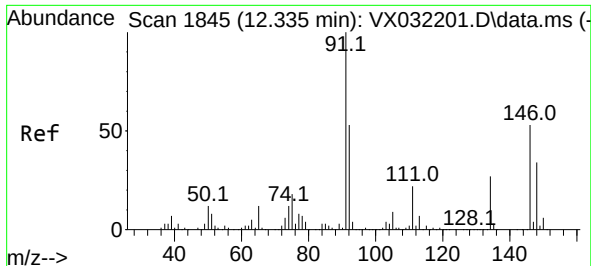
Tgt Ion:105 Resp: 118161
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 3.044 ug/l
 RT: 11.975 min Scan# 1786
 Delta R.T. -0.037 min
 Lab File: VX032291.D
 Acq: 21 Oct 2022 16:12

Tgt Ion:119 Resp: 22067
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.2 39.5
 91 0.0 12.4 37.2#

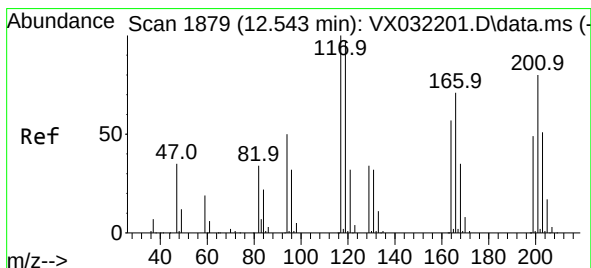
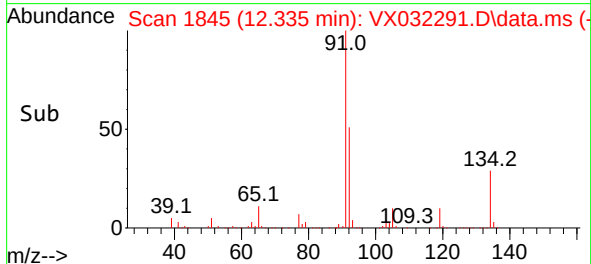
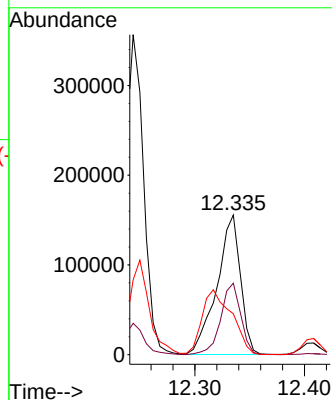
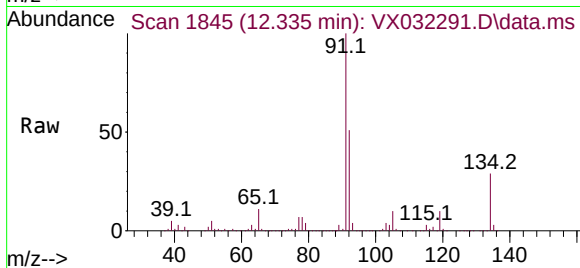




#89
n-Butylbenzene
Concen: 36.454 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

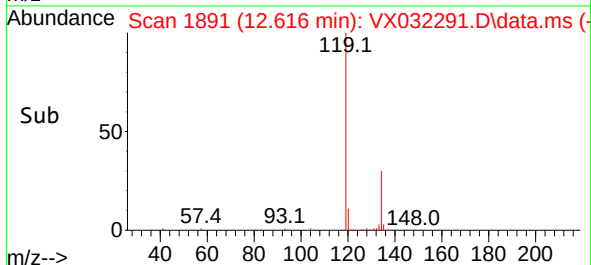
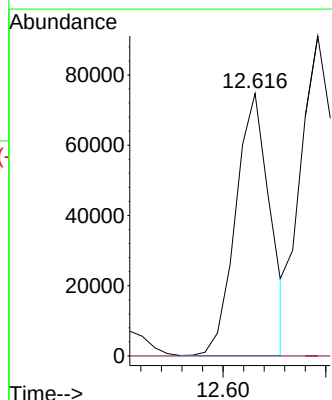
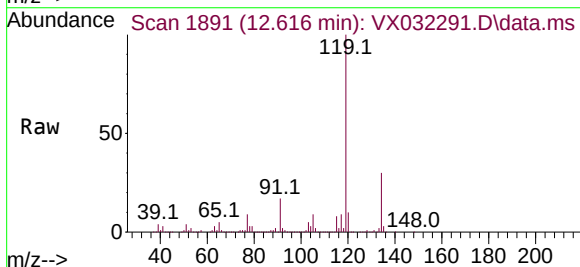
Instrument :
MSVOA_X
ClientSampleId :
MW-10

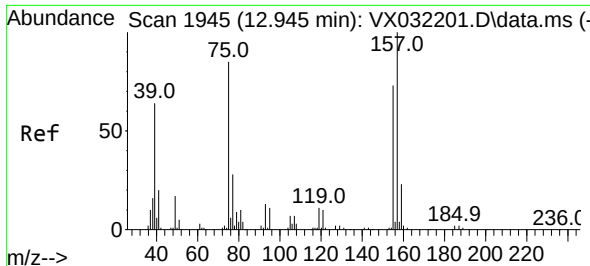
Tgt Ion: 91 Resp: 232748
Ion Ratio Lower Upper
91 100
92 43.4 26.3 78.9
134 58.4 13.0 39.0#



#90
Hexachloroethane
Concen: 76.746 ug/l
RT: 12.616 min Scan# 1891
Delta R.T. 0.073 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

Tgt Ion: 117 Resp: 86326
Ion Ratio Lower Upper
117 100
201 0.0 38.5 115.3#

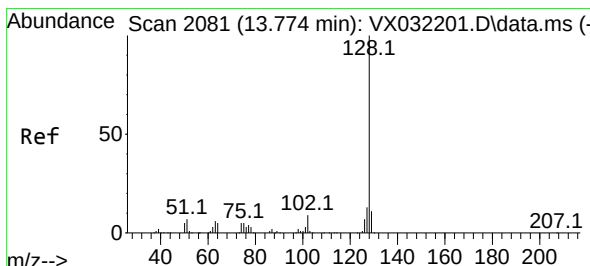
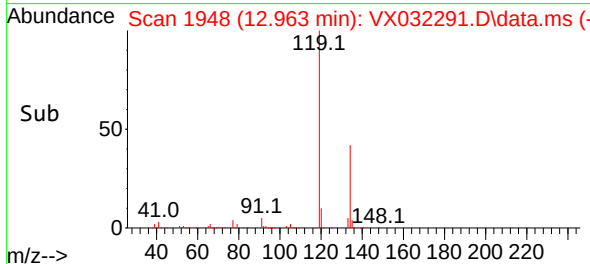
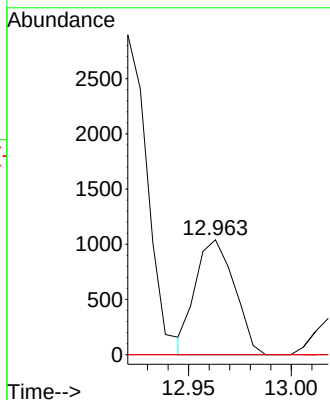
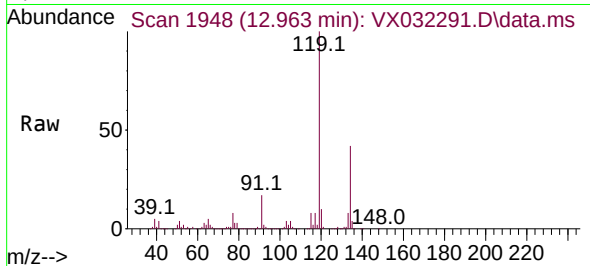




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.746 ug/l
RT: 12.963 min Scan# 1945
Delta R.T. 0.018 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

Instrument :
MSVOA_X
ClientSampleId :
MW-10

Tgt Ion: 75 Resp: 1376
Ion Ratio Lower Upper
75 100
155 0.0 43.1 129.3#
157 0.0 57.1 171.5#



#95
Naphthalene
Concen: 245.118 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX032291.D
Acq: 21 Oct 2022 16:12

Tgt Ion: 128 Resp: 1930782
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.4 8.7 13.1

