

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033385.D
 Acq On : 13 Dec 2022 12:26
 Operator : JC/MD
 Sample : N6001-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Dec 14 05:35:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	130140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206709	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	39395	47.186	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.380%		
35) Dibromofluoromethane	5.385	113	44655	48.030	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.060%		
50) Toluene-d8	8.647	98	93167	47.902	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.800%		
62) 4-Bromofluorobenzene	11.079	95	71529	48.098	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.200%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	204	0.232	ug/l	87
6) Chloroethane	1.782	64	374	0.411	ug/l #	54
11) Tert butyl alcohol	2.959	59	370	1.450	ug/l #	72
13) Acrolein	2.337	56	65	0.235	ug/l #	14
15) Acrylonitrile	3.117	53	273	0.432	ug/l #	17
16) Acetone	2.386	43	728	1.178	ug/l	95
17) Carbon Disulfide	2.514	76	793	0.262	ug/l #	74
18) Methyl Acetate	2.788	43	3840	2.147	ug/l #	51
31) Cyclohexane	5.477	56	814	0.410	ug/l #	25
36) 1,1-Dichloropropene	5.550	75	9648	5.323	ug/l #	49
38) Carbon Tetrachloride	5.556	117	13384	6.590	ug/l #	15
39) Methylcyclohexane	7.373	83	810	0.399	ug/l #	81
40) Benzene	6.044	78	3212	0.608	ug/l	97
41) Methacrylonitrile	5.166	41	194	0.205	ug/l #	26
43) Isopropyl Acetate	6.251	43	1070	0.388	ug/l #	61
51) 4-Methyl-2-Pentanone	8.580	43	465	0.267	ug/l	97
52) Toluene	8.720	92	2180	0.638	ug/l	98
55) 1,1,2-Trichloroethane	9.104	97	452	0.315	ug/l #	15
59) 2-Hexanone	9.238	43	8751	6.811	ug/l	72
67) Ethyl Benzene	10.195	91	30729	4.781	ug/l	100
68) m/p-Xylenes	10.305	106	1488	0.595	ug/l	98
69) o-Xylene	10.646	106	1836	0.743	ug/l	96
73) Isopropylbenzene	10.963	105	3505	0.564	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	36525	20.945	ug/l #	37
78) n-propylbenzene	11.305	91	4869	0.702	ug/l	99
80) 1,3,5-Trimethylbenzene	11.616	105	36094	6.980	ug/l	73
81) trans-1,4-Dichloro-2-b...	11.079	75	36525	65.154	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.756	105	7487	1.450	ug/l	99
85) sec-Butylbenzene	11.890	105	1372	0.228	ug/l	91
86) p-Isopropyltoluene	11.969	119	1320	0.254	ug/l	98
89) n-Butylbenzene	12.335	91	1837	0.432	ug/l #	45
90) Hexachloroethane	12.616	117	2826	3.205	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	12.957	75	210	0.493	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.585	180	519	0.302	ug/l #	77
94) Hexachlorobutadiene	13.731	225	448	0.652	ug/l	85
95) Naphthalene	13.780	128	4044	0.707	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

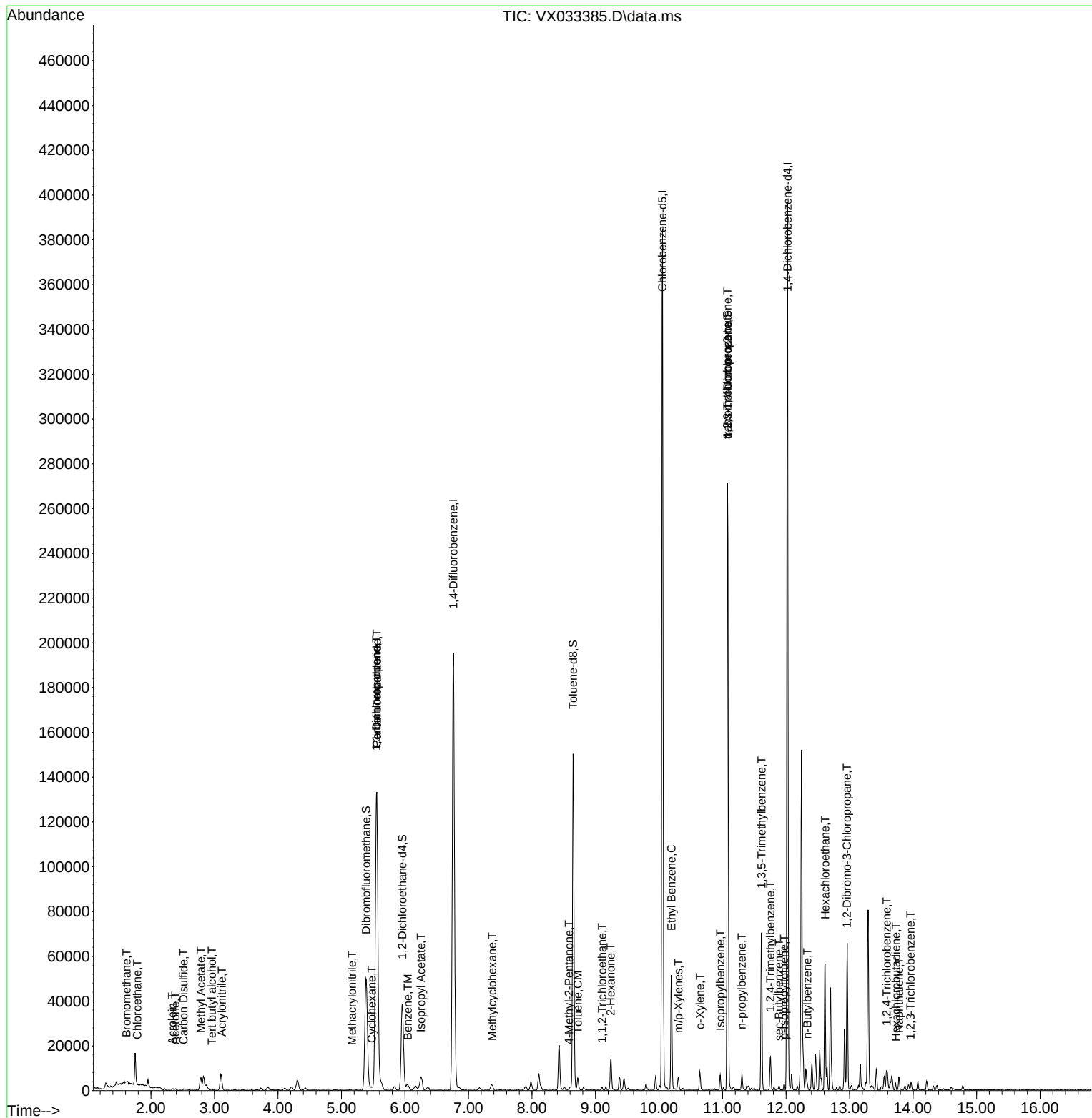
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	13.963	180	429	0.247	ug/l #	65

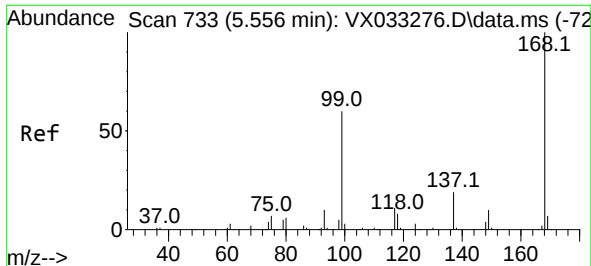
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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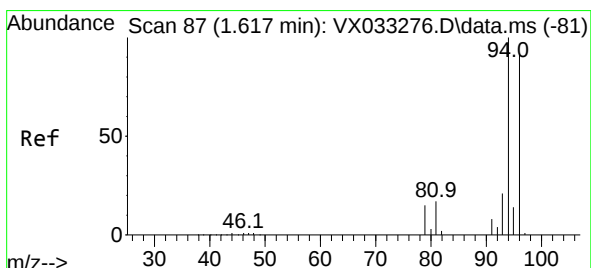
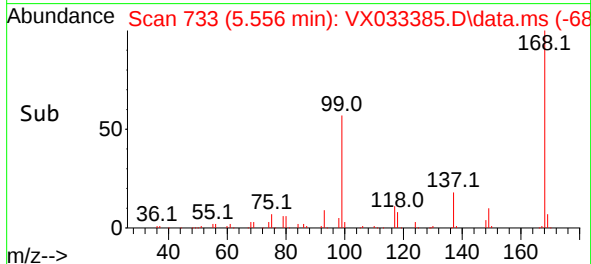
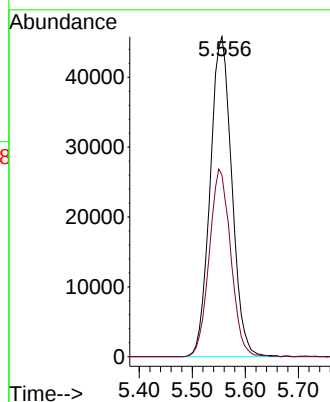
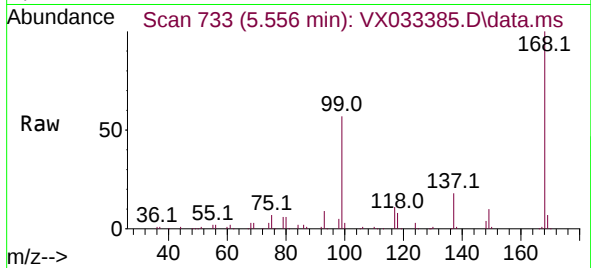




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033385.D
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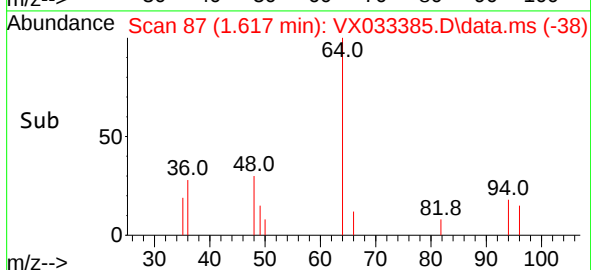
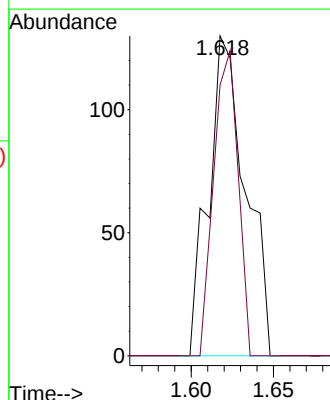
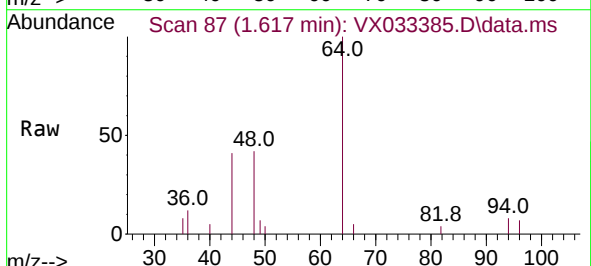
Instrument :
MSVOA_X
ClientSampleId :
MW-1

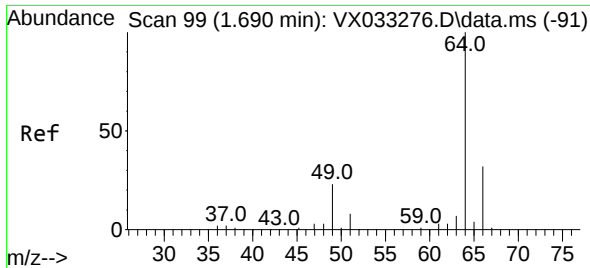
Tgt Ion:168 Resp: 130140
Ion Ratio Lower Upper
168 100
99 56.7 46.1 69.1



#5
Bromomethane
Concen: 0.232 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

Tgt Ion: 94 Resp: 204
Ion Ratio Lower Upper
94 100
96 84.6 77.6 116.4

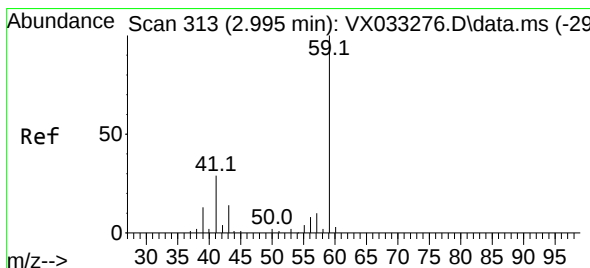
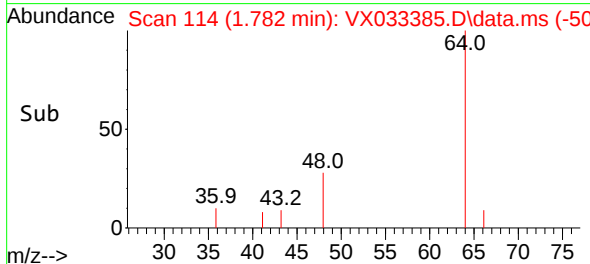
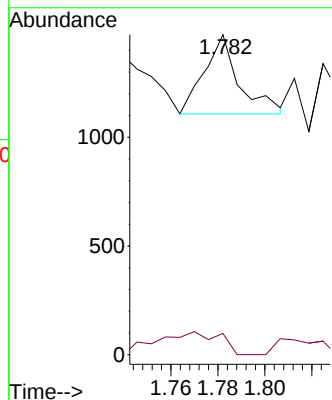
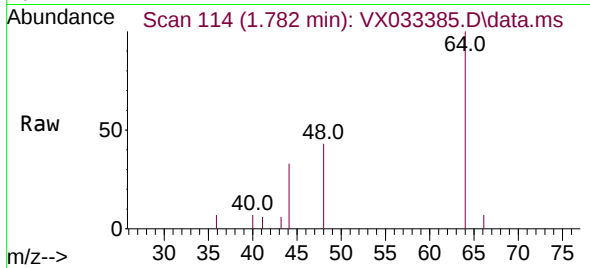




#6
Chloroethane
Concen: 0.411 ug/l
RT: 1.782 min Scan# 114
Delta R.T. 0.092 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

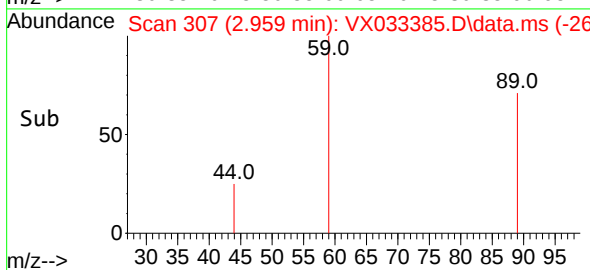
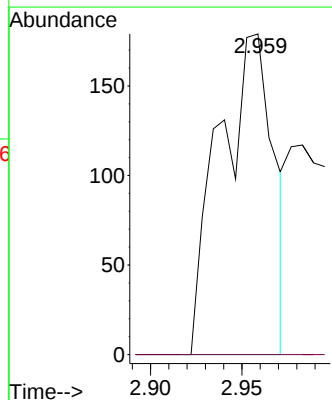
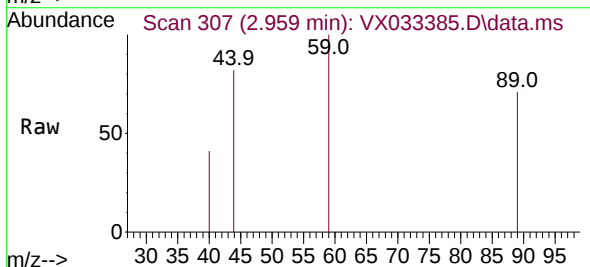
Instrument :
MSVOA_X
ClientSampleId :
MW-1

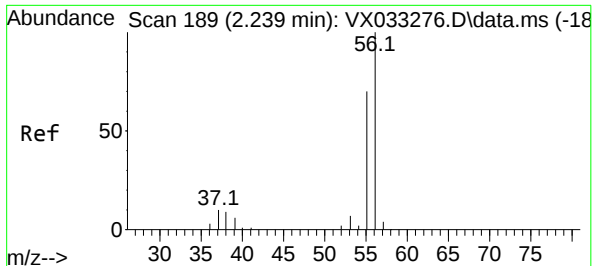
Tgt Ion: 64 Resp: 374
Ion Ratio Lower Upper
64 100
66 6.6 26.0 39.0#



#11
Tert butyl alcohol
Concen: 1.450 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.036 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

Tgt Ion: 59 Resp: 370
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

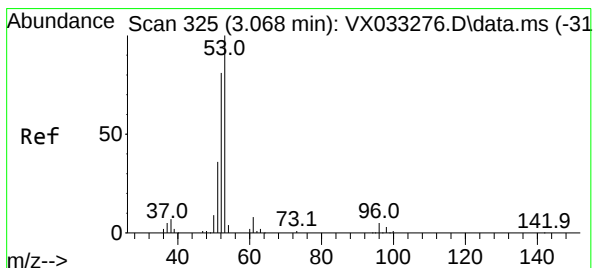
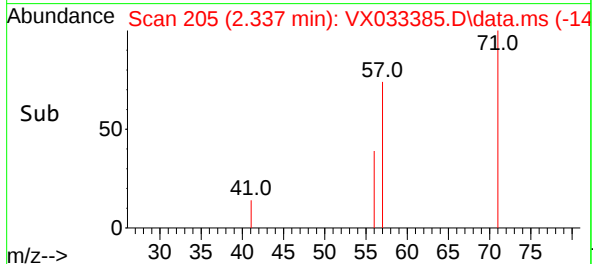
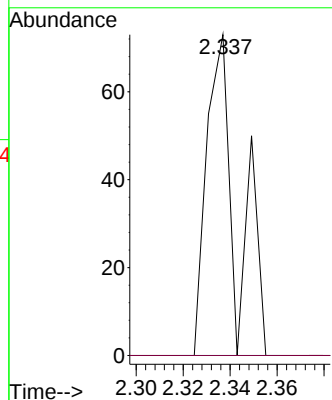
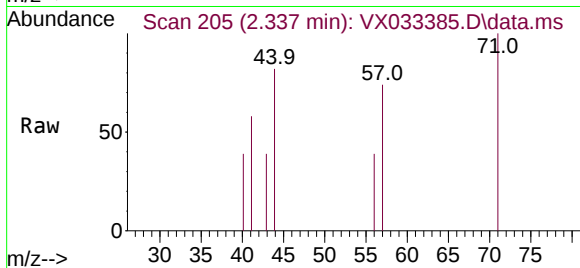




#13
Acrolein
Concen: 0.235 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.098 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

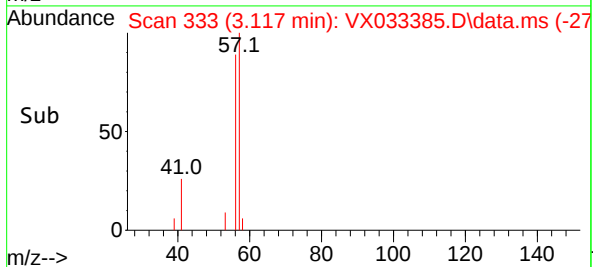
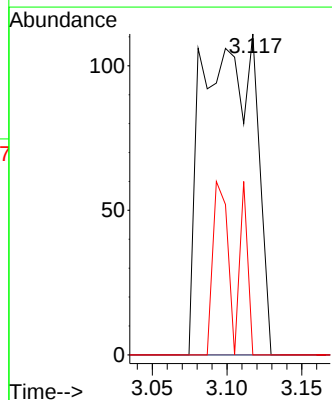
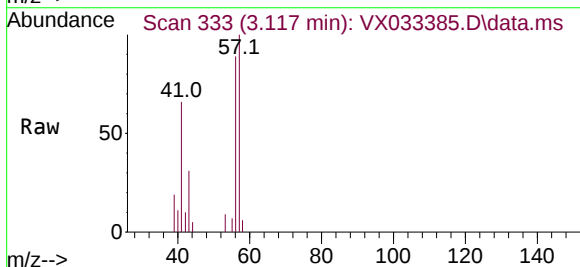
Instrument :
MSVOA_X
ClientSampleId :
MW-1

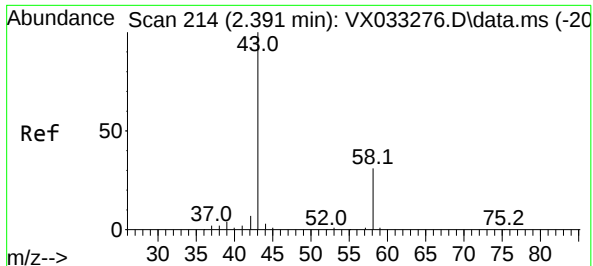
Tgt Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#



#15
Acrylonitrile
Concen: 0.432 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.049 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

Tgt Ion: 53 Resp: 273
Ion Ratio Lower Upper
53 100
52 0.0 67.4 101.0#
51 0.0 30.3 45.5#

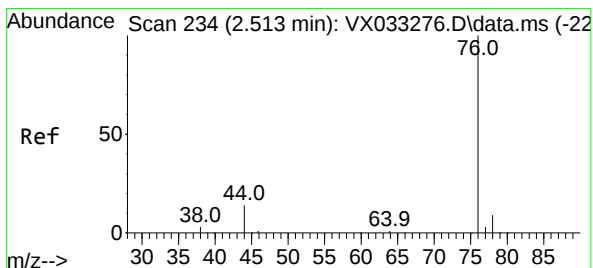
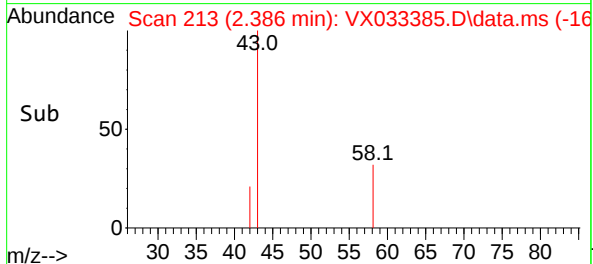
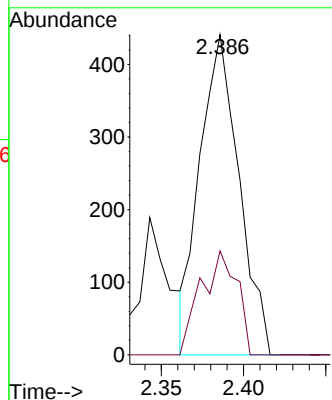
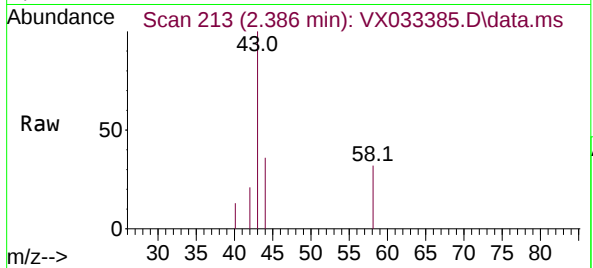




#16
Acetone
Concen: 1.178 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

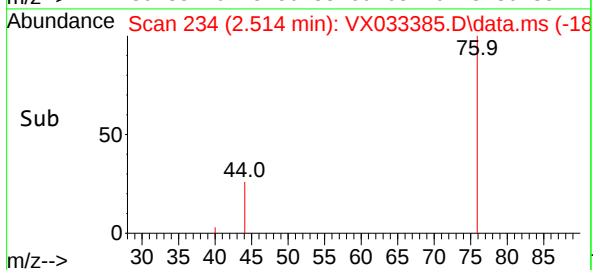
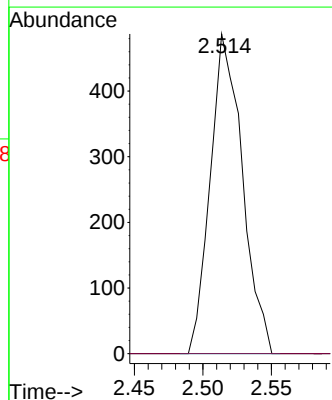
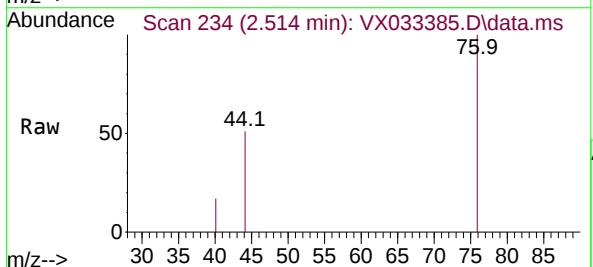
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ClientSampleId :
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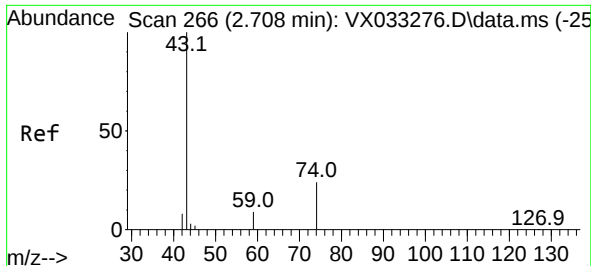
Tgt Ion: 43 Resp: 728
Ion Ratio Lower Upper
43 100
58 32.4 23.8 35.8



#17
Carbon Disulfide
Concen: 0.262 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

Tgt Ion: 76 Resp: 793
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

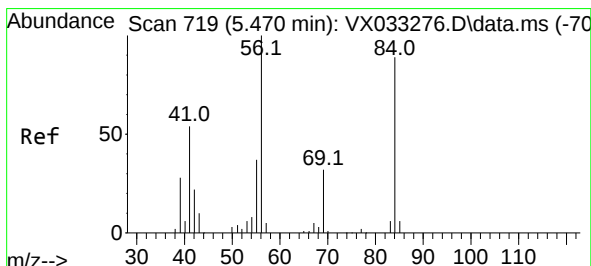
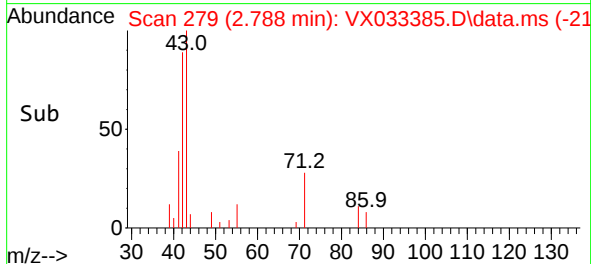
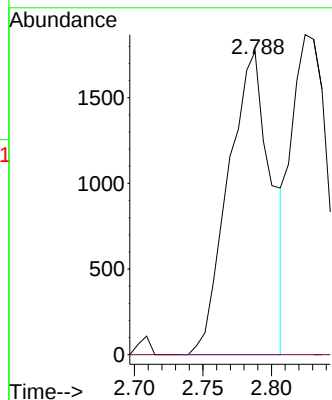
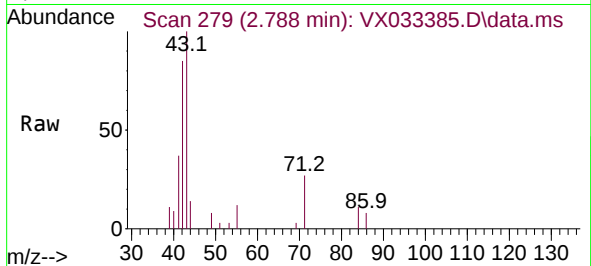




#18
Methyl Acetate
Concen: 2.147 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.080 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

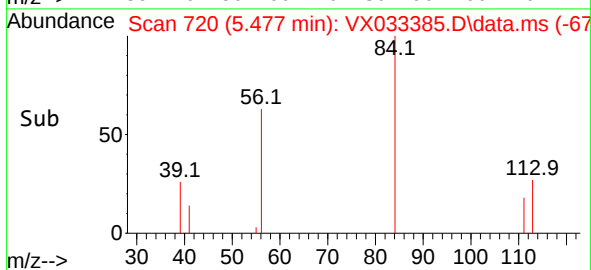
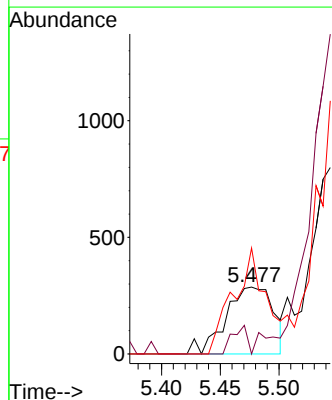
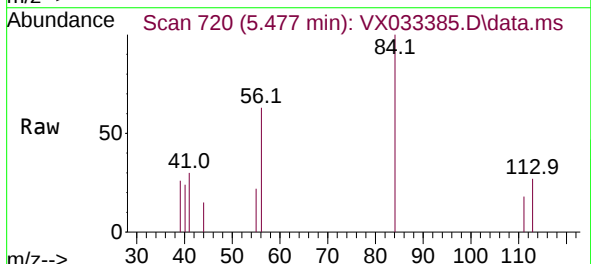
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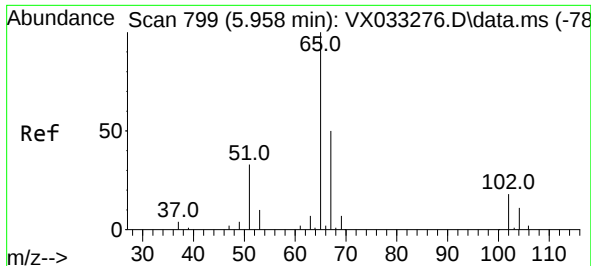
Tgt Ion: 43 Resp: 3840
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



#31
Cyclohexane
Concen: 0.410 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

Tgt Ion: 56 Resp: 814
Ion Ratio Lower Upper
56 100
69 0.0 24.1 36.1#
84 158.2 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 47.186 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033385.D

Acq: 13 Dec 2022 12:26

Instrument :

MSVOA_X

ClientSampleId :

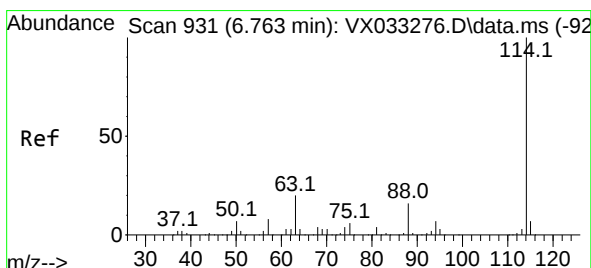
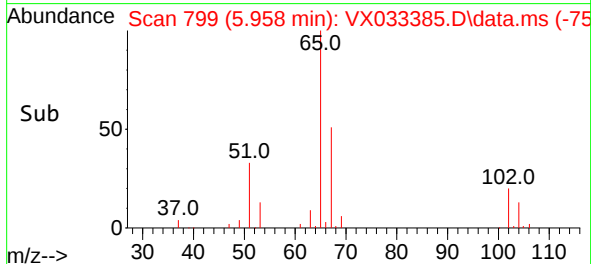
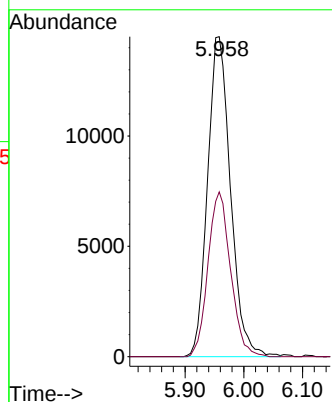
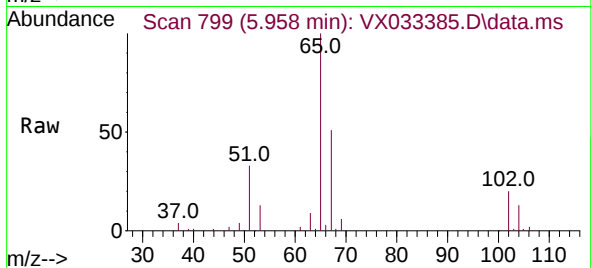
MW-1

Tgt Ion: 65 Resp: 39395

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033385.D

Acq: 13 Dec 2022 12:26

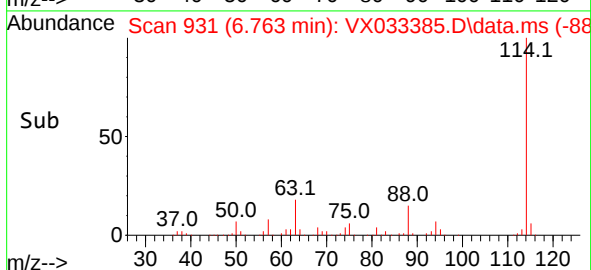
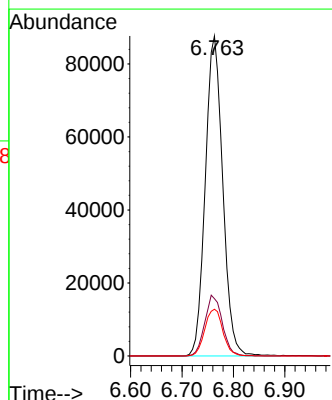
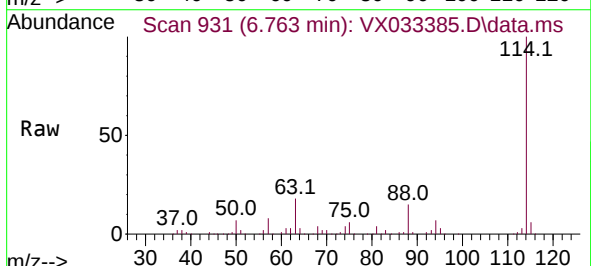
Tgt Ion: 114 Resp: 206709

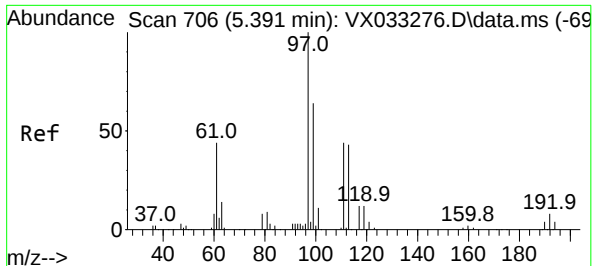
Ion Ratio Lower Upper

114 100

63 17.9 0.0 41.6

88 14.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.030 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033385.D

Acq: 13 Dec 2022 12:26

Instrument :

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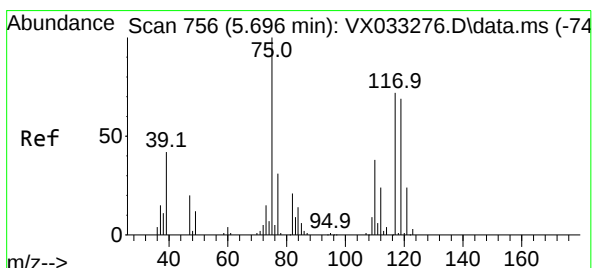
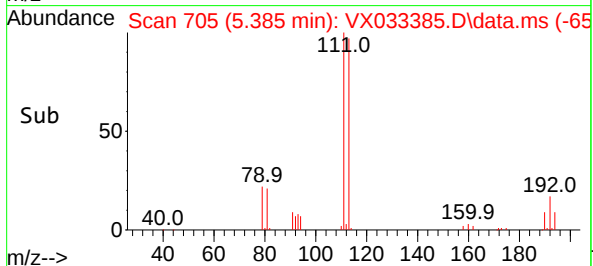
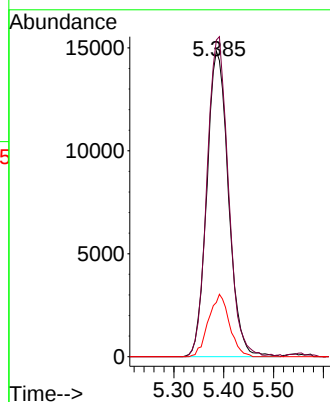
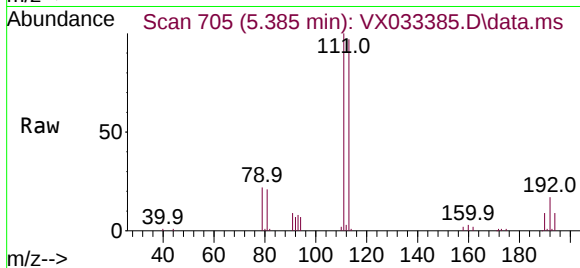
Tgt Ion:113 Resp: 44655

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

192 19.8 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.323 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX033385.D

Acq: 13 Dec 2022 12:26

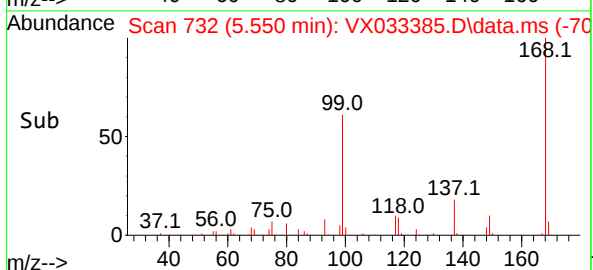
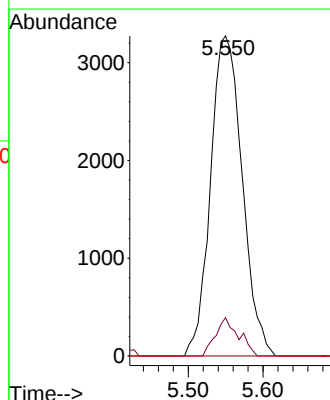
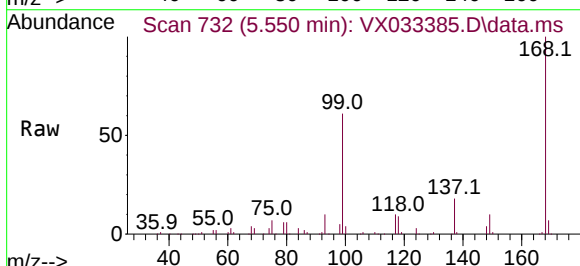
Tgt Ion: 75 Resp: 9648

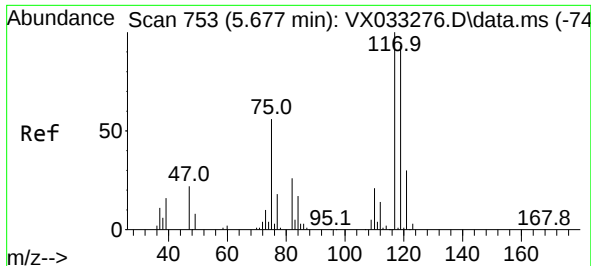
Ion Ratio Lower Upper

75 100

110 8.7 18.4 55.2#

77 0.0 24.5 36.7#

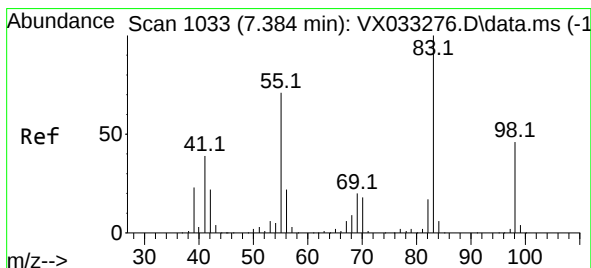
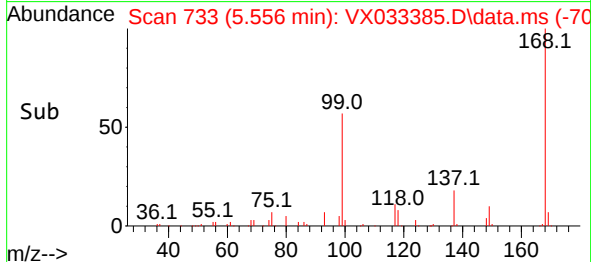
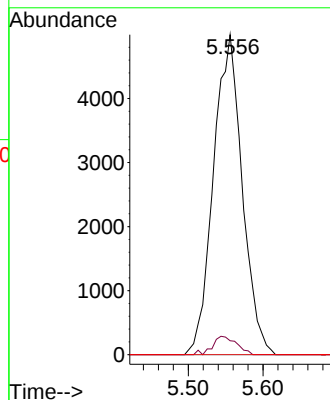
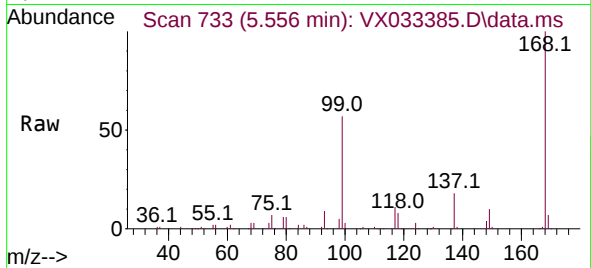




#38
Carbon Tetrachloride
Concen: 6.590 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

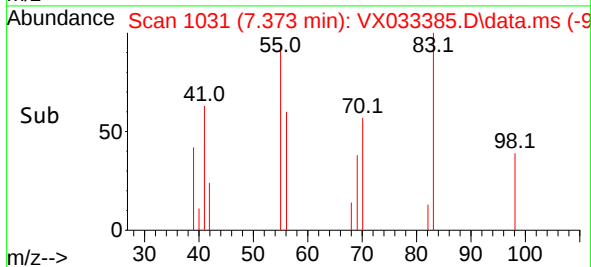
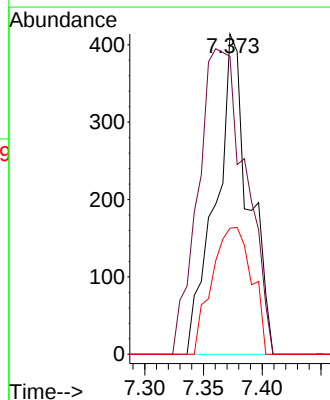
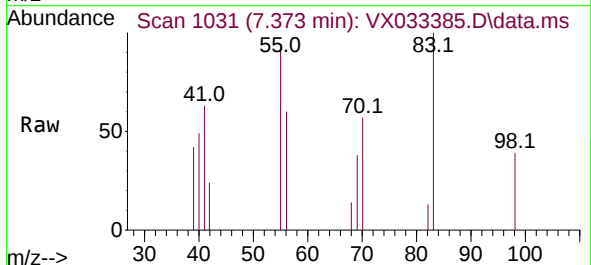
Instrument :
MSVOA_X
ClientSampleId :
MW-1

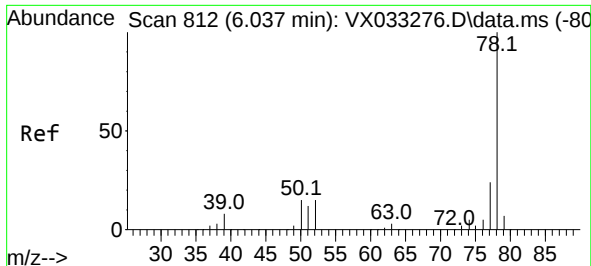
Tgt Ion:117 Resp: 13384
Ion Ratio Lower Upper
117 100
119 4.4 77.2 115.8#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 0.399 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

Tgt Ion: 83 Resp: 810
Ion Ratio Lower Upper
83 100
55 93.0 58.4 87.6#
98 39.4 37.2 55.8





#40

Benzene

Concen: 0.608 ug/l

RT: 6.044 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX033385.D

Acq: 13 Dec 2022 12:26

Instrument :

MSVOA_X

ClientSampleId :

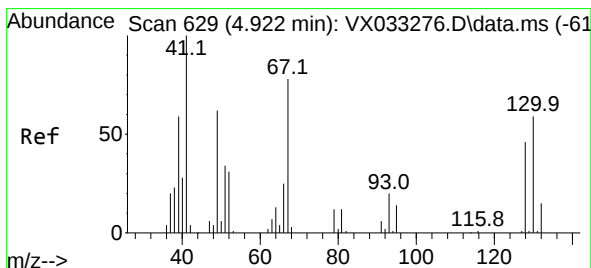
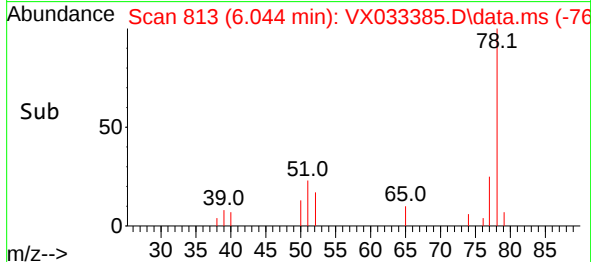
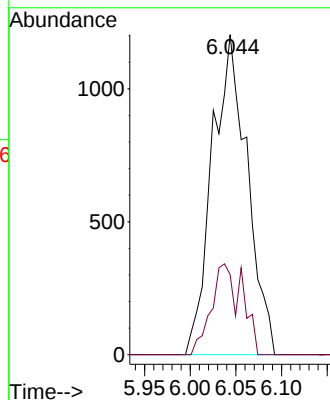
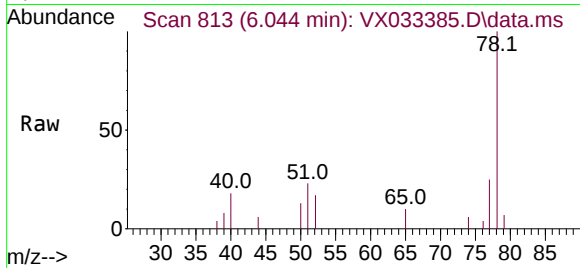
MW-1

Tgt Ion: 78 Resp: 3212

Ion Ratio Lower Upper

78 100

77 25.1 19.0 28.4



#41

Methacrylonitrile

Concen: 0.205 ug/l

RT: 5.166 min Scan# 669

Delta R.T. 0.244 min

Lab File: VX033385.D

Acq: 13 Dec 2022 12:26

Tgt Ion: 41 Resp: 194

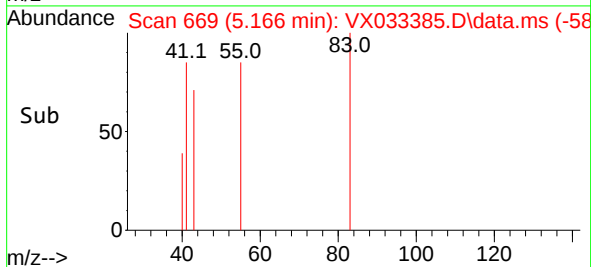
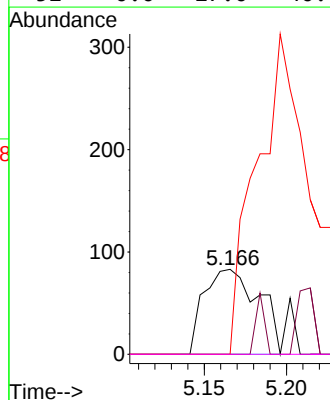
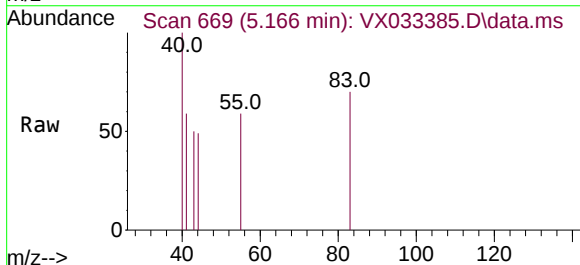
Ion Ratio Lower Upper

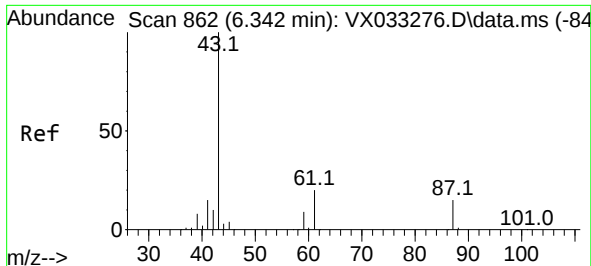
41 100

39 11.3 47.5 71.3#

67 0.0 60.5 90.7#

52 0.0 27.0 40.6#

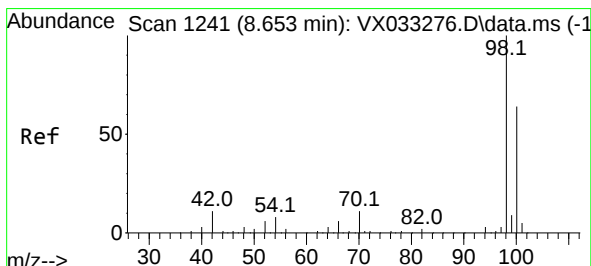
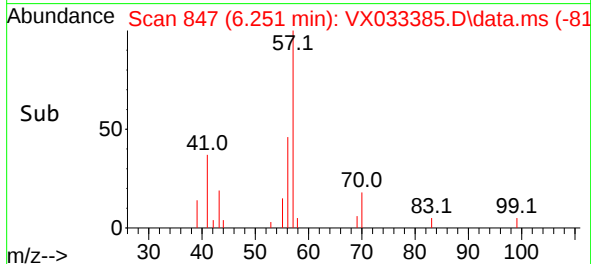
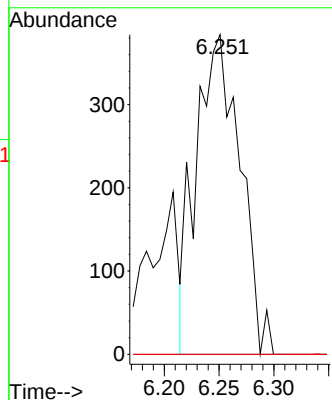
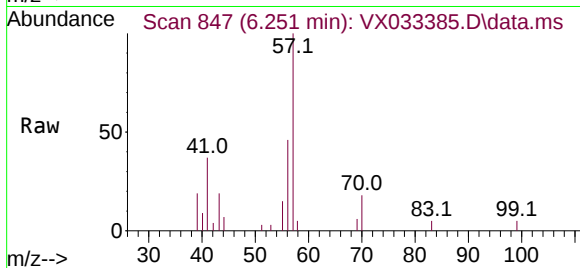




#43
Isopropyl Acetate
Concen: 0.388 ug/l
RT: 6.251 min Scan# 84
Delta R.T. -0.091 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

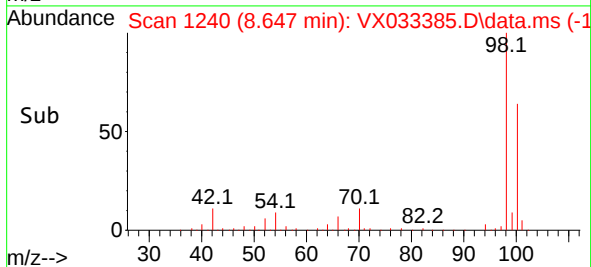
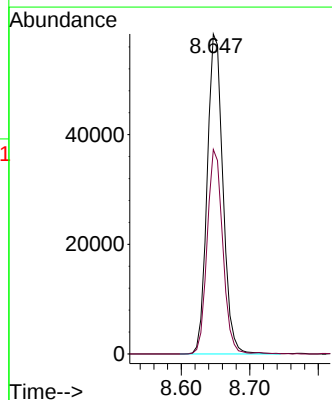
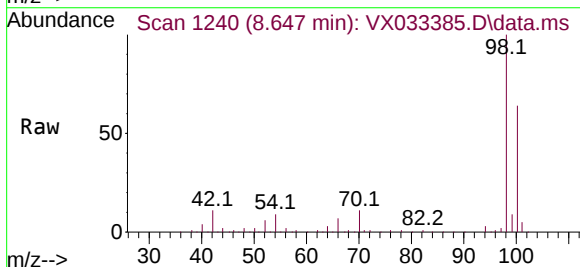
Instrument :
MSVOA_X
ClientSampleId :
MW-1

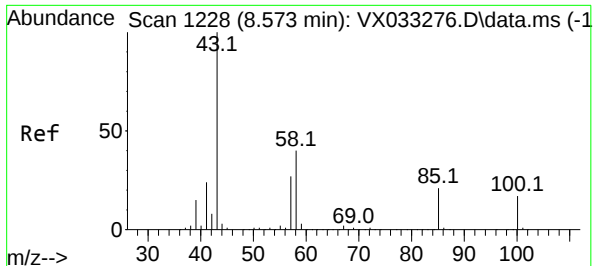
Tgt Ion: 43 Resp: 1070
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 0.0 10.8 16.2#



#50
Toluene-d8
Concen: 47.902 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

Tgt Ion: 98 Resp: 93167
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.267 ug/l

RT: 8.580 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX033385.D

Acq: 13 Dec 2022 12:26

Instrument :

MSVOA_X

ClientSampleId :

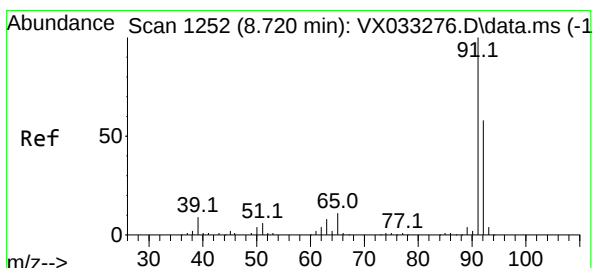
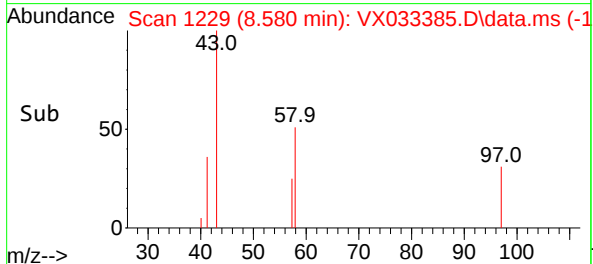
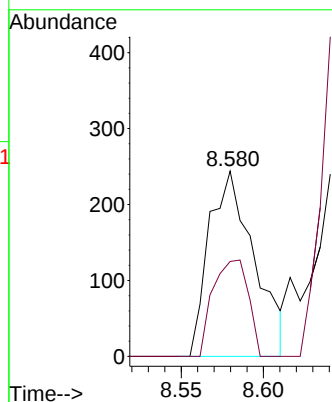
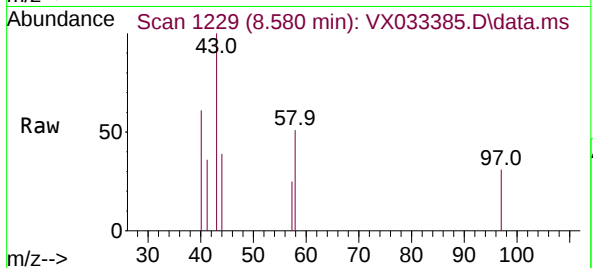
MW-1

Tgt Ion: 43 Resp: 465

Ion Ratio Lower Upper

43 100

58 40.6 30.9 46.3



#52

Toluene

Concen: 0.638 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX033385.D

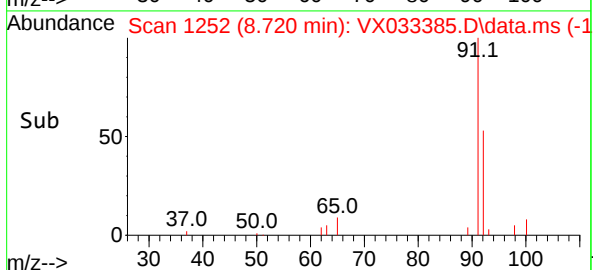
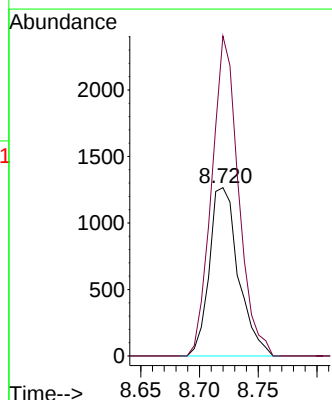
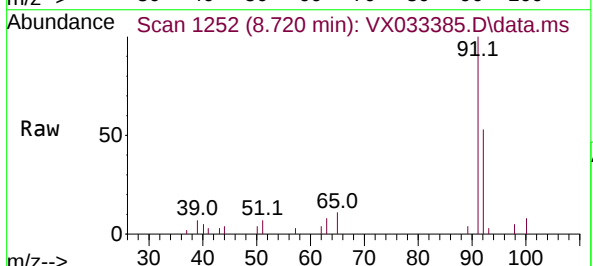
Acq: 13 Dec 2022 12:26

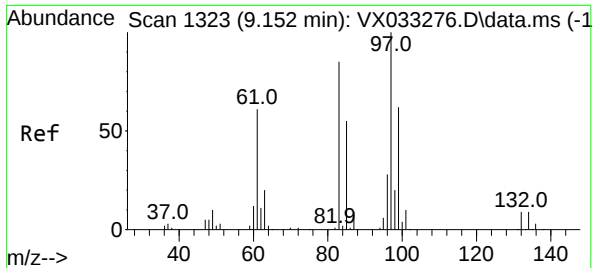
Tgt Ion: 92 Resp: 2180

Ion Ratio Lower Upper

92 100

91 175.2 138.3 207.5



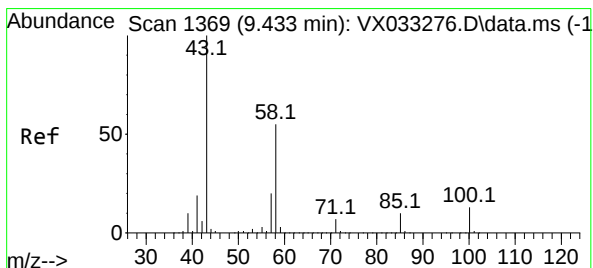
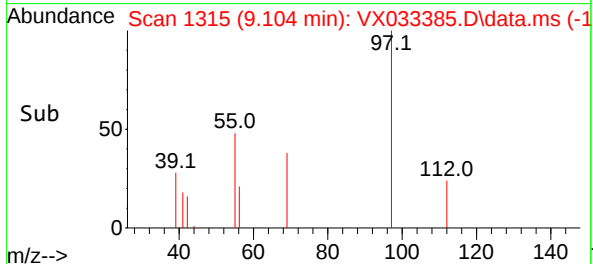
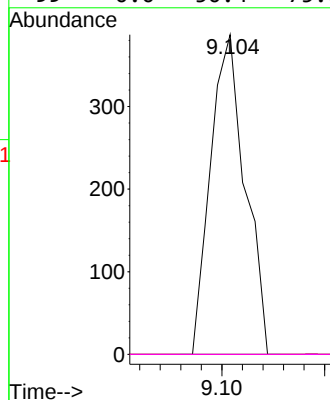
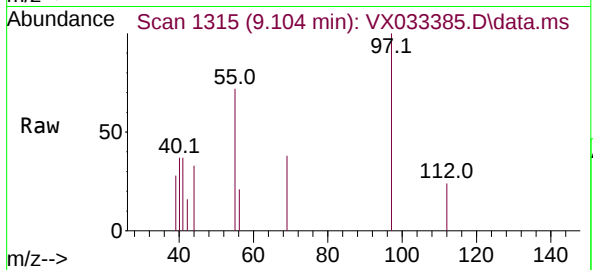


#55
1,1,2-Trichloroethane
Concen: 0.315 ug/l
RT: 9.104 min Scan# 11
Delta R.T. -0.048 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tgt Ion: 97 Resp: 452

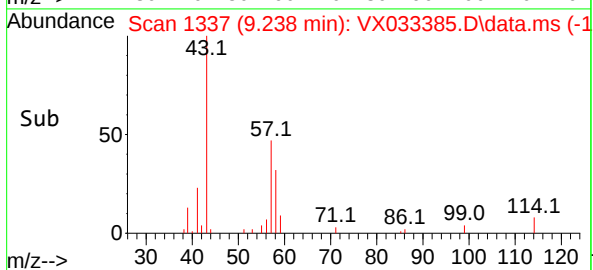
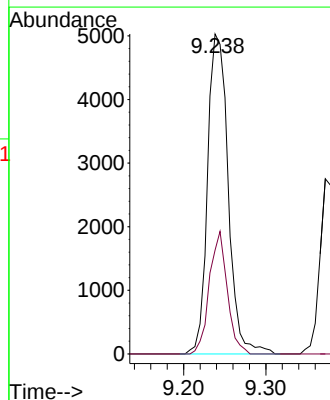
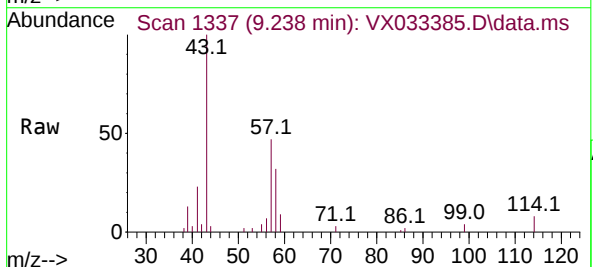
Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.1	102.1#
85	0.0	43.3	64.9#
99	0.0	50.4	75.6#

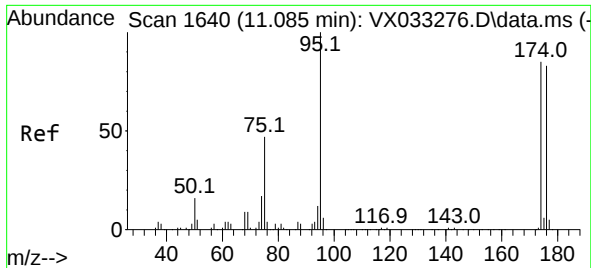


#59
2-Hexanone
Concen: 6.811 ug/l
RT: 9.238 min Scan# 1337
Delta R.T. -0.195 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

Tgt Ion: 43 Resp: 8751

Ion	Ratio	Lower	Upper
43	100		
58	33.3	26.5	79.5

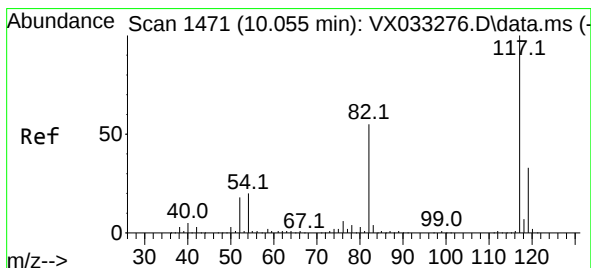
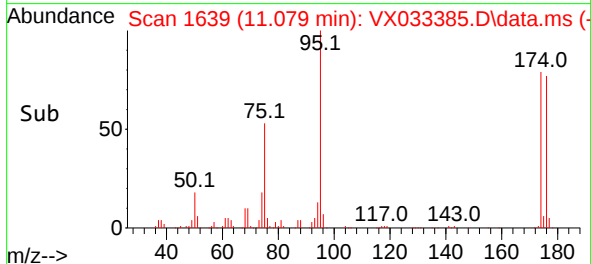
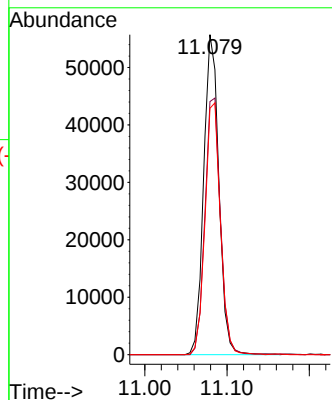
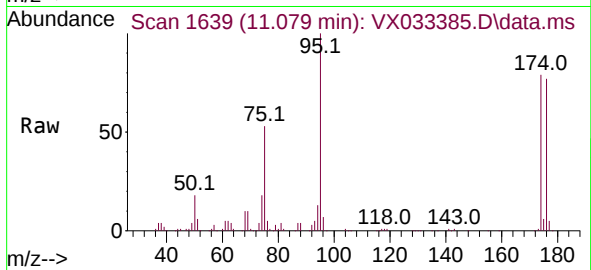




#62
4-Bromofluorobenzene
Concen: 48.098 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

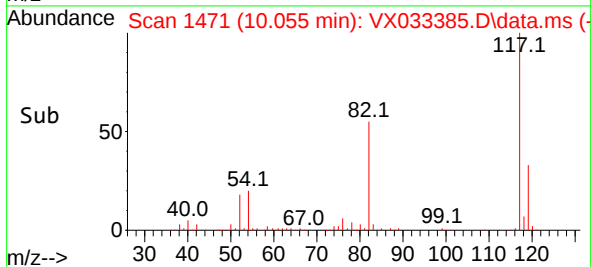
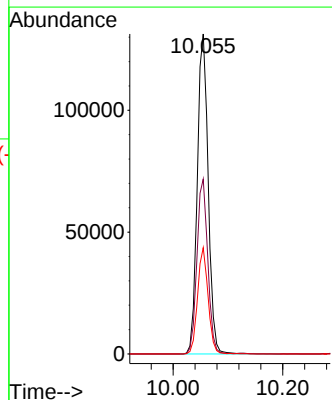
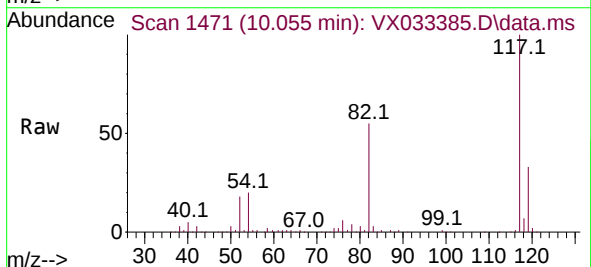
Instrument :
MSVOA_X
ClientSampleId :
MW-1

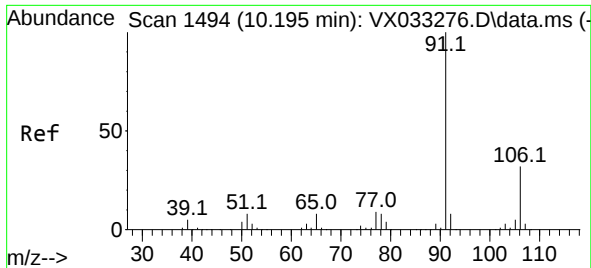
Tgt Ion: 95 Resp: 71529
Ion Ratio Lower Upper
95 100
174 82.1 0.0 164.0
176 79.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

Tgt Ion: 117 Resp: 182184
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 33.2 25.7 38.5





#67

Ethyl Benzene

Concen: 4.781 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX033385.D

Acq: 13 Dec 2022 12:26

Instrument :

MSVOA_X

ClientSampleId :

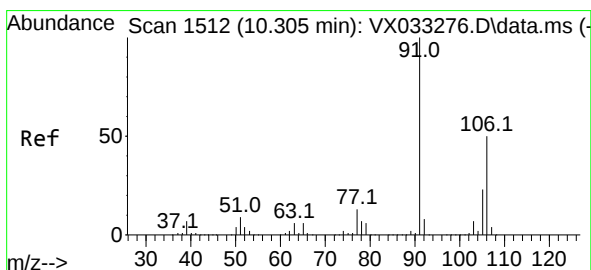
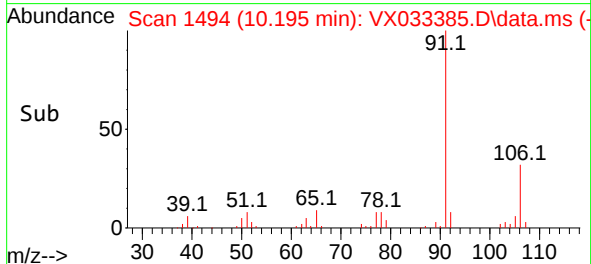
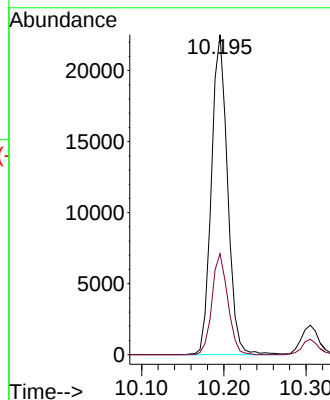
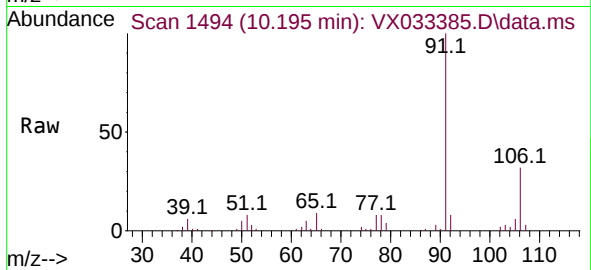
MW-1

Tgt Ion: 91 Resp: 30729

Ion Ratio Lower Upper

91 100

106 31.6 25.0 37.6



#68

m/p-Xylenes

Concen: 0.595 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX033385.D

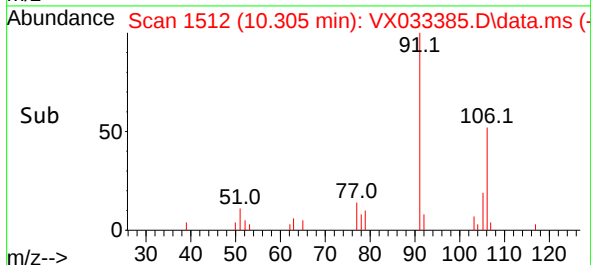
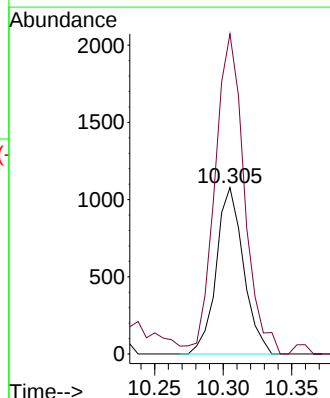
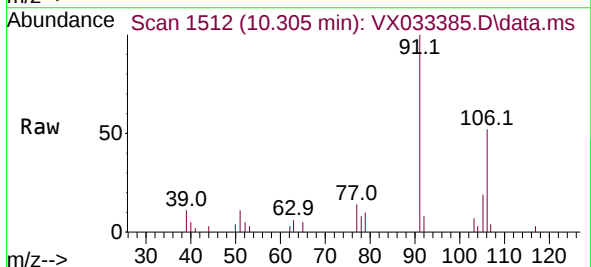
Acq: 13 Dec 2022 12:26

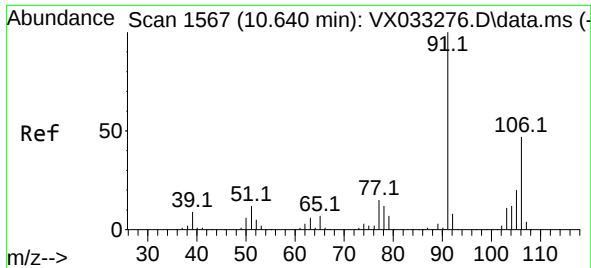
Tgt Ion:106 Resp: 1488

Ion Ratio Lower Upper

106 100

91 207.9 164.5 246.7

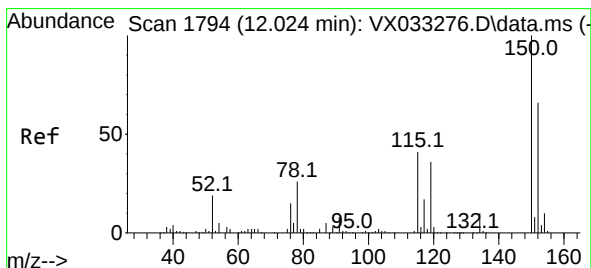
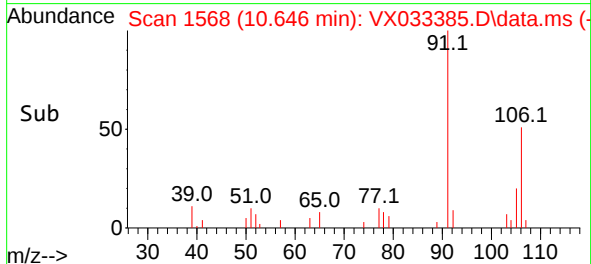
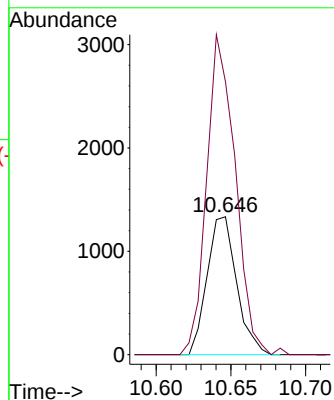
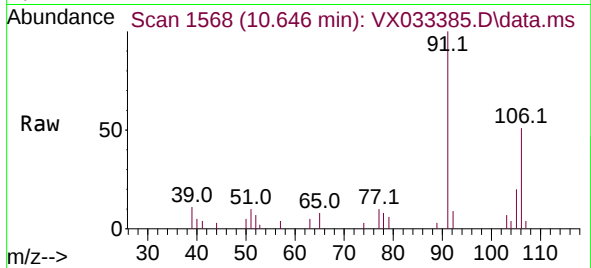




#69
o-Xylene
Concen: 0.743 ug/l
RT: 10.646 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

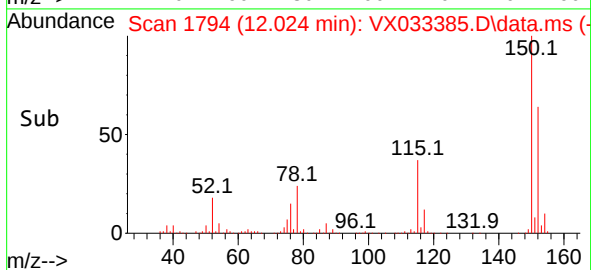
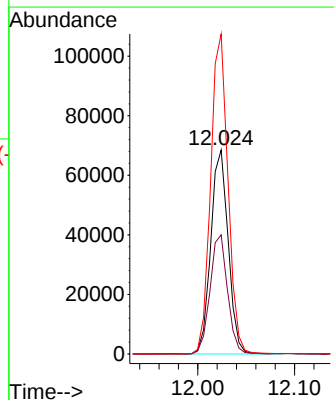
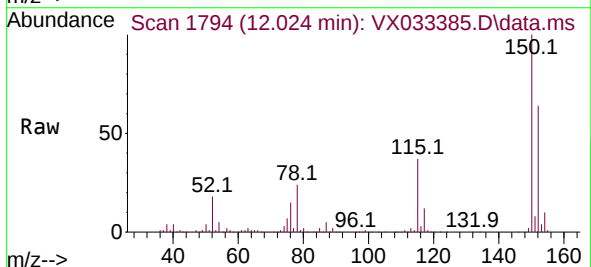
Instrument :
MSVOA_X
ClientSampleId :
MW-1

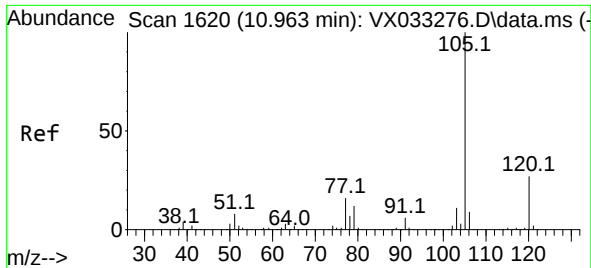
Tgt Ion:106 Resp: 1836
Ion Ratio Lower Upper
106 100
91 225.2 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

Tgt Ion:152 Resp: 85713
Ion Ratio Lower Upper
152 100
115 58.7 44.0 132.0
150 155.8 0.0 351.8

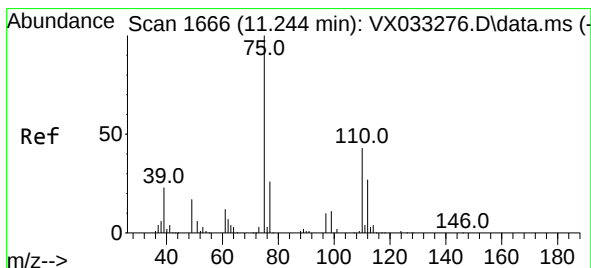
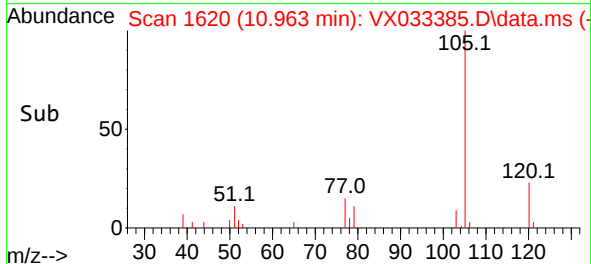
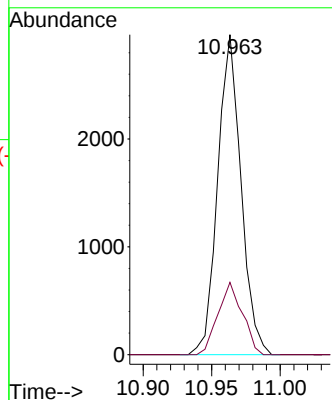
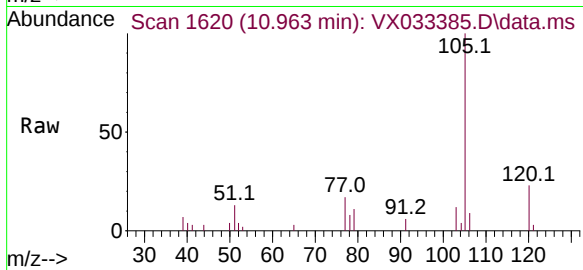




#73
Isopropylbenzene
Concen: 0.564 ug/l
RT: 10.963 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

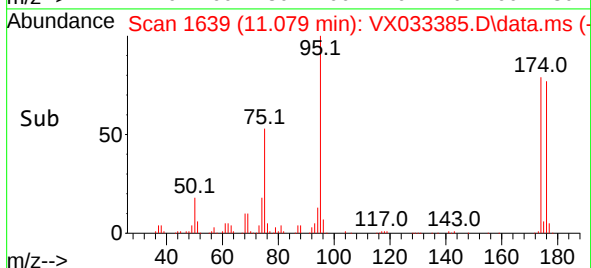
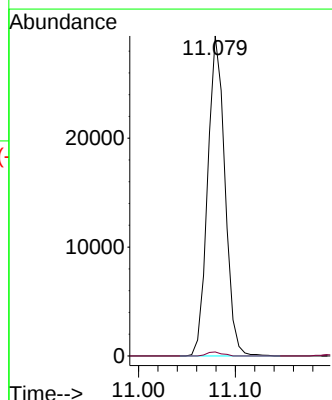
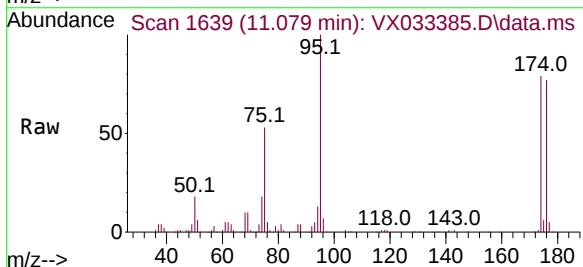
Instrument :
MSVOA_X
ClientSampleId :
MW-1

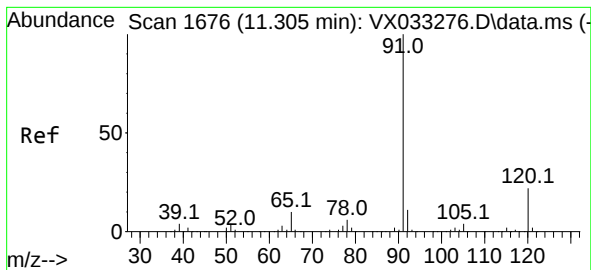
Tgt Ion:105 Resp: 3505
Ion Ratio Lower Upper
105 100
120 23.8 13.1 39.3



#76
1,2,3-Trichloropropane
Concen: 20.945 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

Tgt Ion: 75 Resp: 36525
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#





#78

n-propylbenzene

Concen: 0.702 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033385.D

Acq: 13 Dec 2022 12:26

Instrument :

MSVOA_X

ClientSampleId :

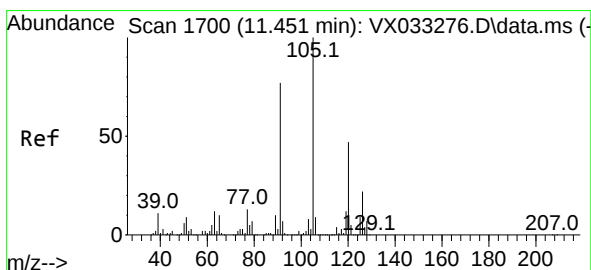
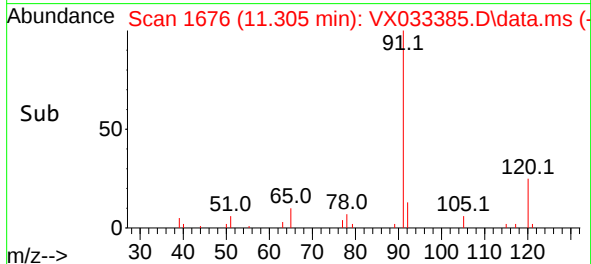
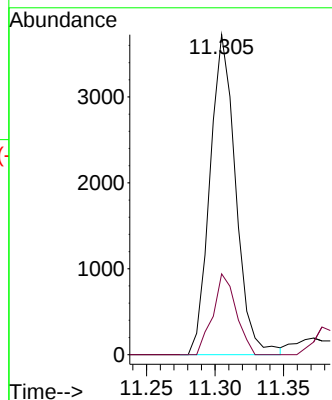
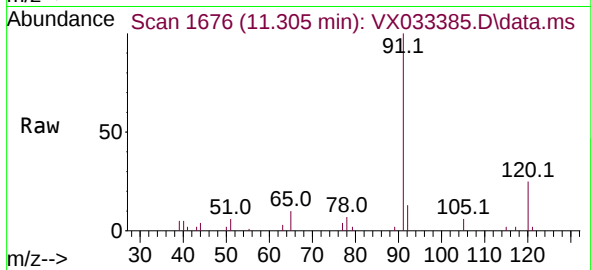
MW-1

Tgt Ion: 91 Resp: 4869

Ion Ratio Lower Upper

91 100

120 22.7 11.6 34.8



#80

1,3,5-Trimethylbenzene

Concen: 6.980 ug/l

RT: 11.616 min Scan# 1727

Delta R.T. 0.165 min

Lab File: VX033385.D

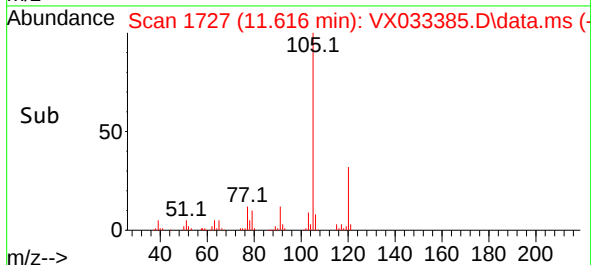
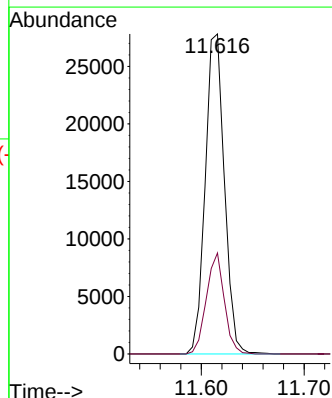
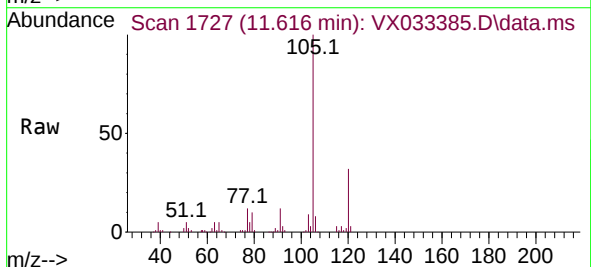
Acq: 13 Dec 2022 12:26

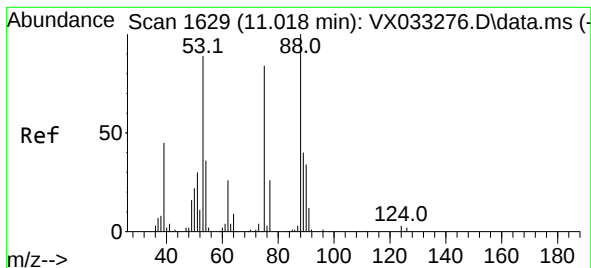
Tgt Ion:105 Resp: 36094

Ion Ratio Lower Upper

105 100

120 29.5 23.6 71.0

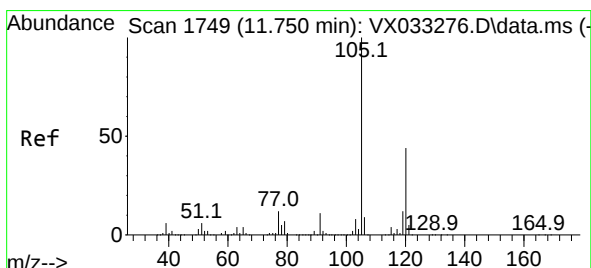
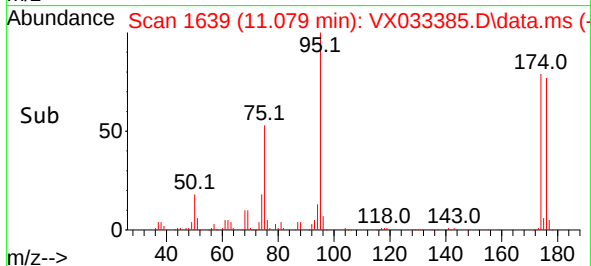
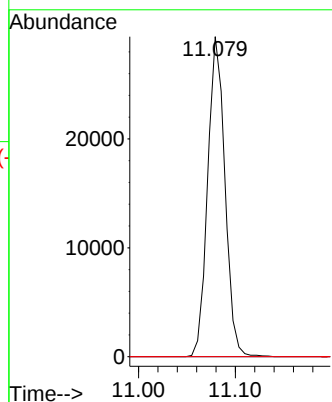
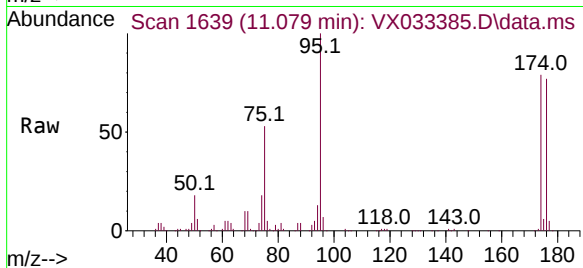




#81
trans-1,4-Dichloro-2-butene
Concen: 65.154 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

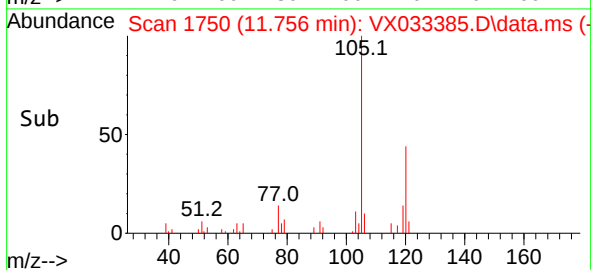
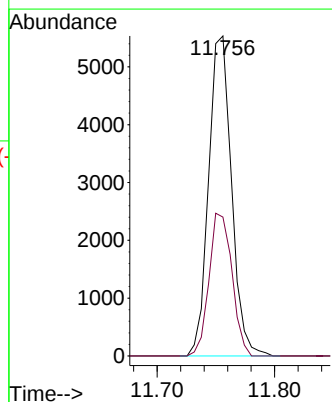
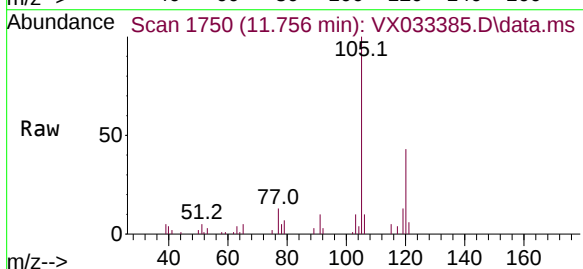
Instrument :
MSVOA_X
ClientSampleId :
MW-1

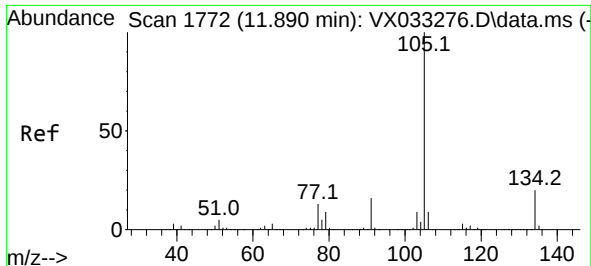
Tgt Ion: 75 Resp: 36525
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#84
1,2,4-Trimethylbenzene
Concen: 1.450 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

Tgt Ion: 105 Resp: 7487
Ion Ratio Lower Upper
105 100
120 44.6 21.9 65.5

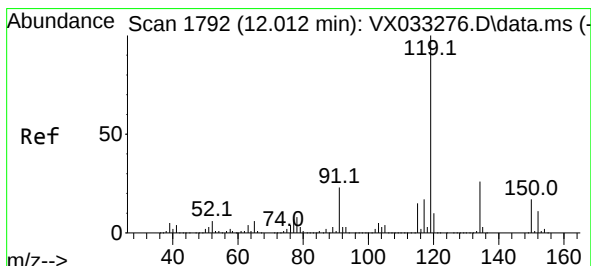
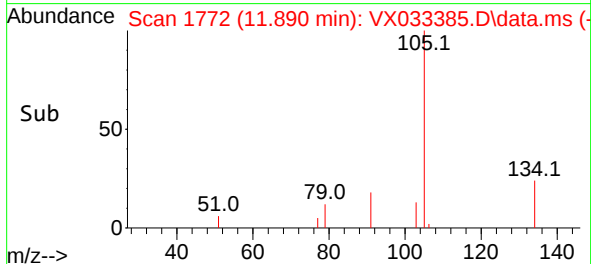
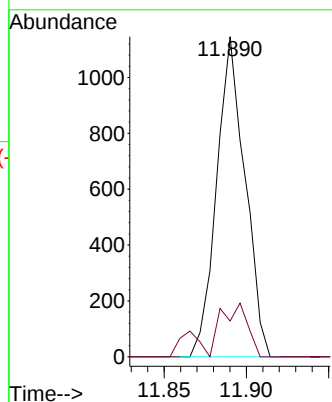
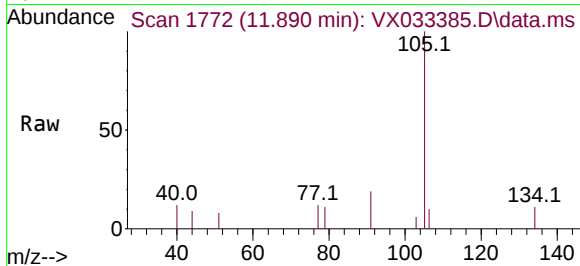




#85
 sec-Butylbenzene
 Concen: 0.228 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033385.D
 Acq: 13 Dec 2022 12:26

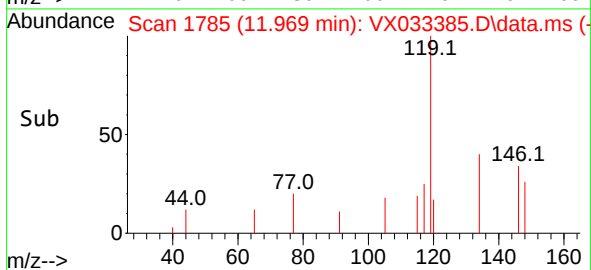
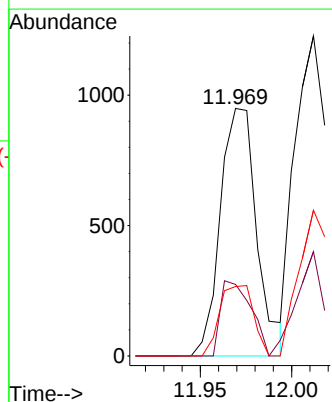
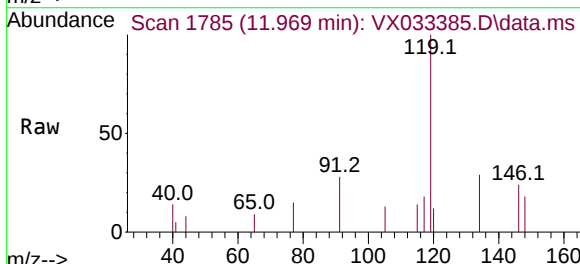
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

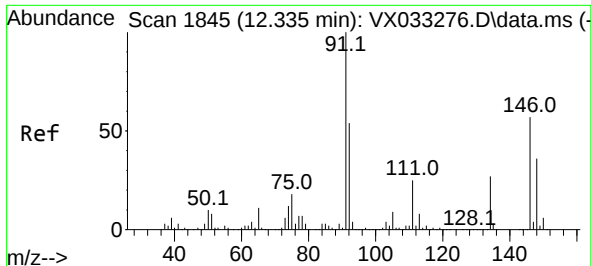
Tgt Ion:105 Resp: 1372
 Ion Ratio Lower Upper
 105 100
 134 15.6 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 0.254 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.042 min
 Lab File: VX033385.D
 Acq: 13 Dec 2022 12:26

Tgt Ion:119 Resp: 1320
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.7
 91 26.4 12.5 37.5





#89

n-Butylbenzene

Concen: 0.432 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX033385.D

Acq: 13 Dec 2022 12:26

Instrument :

MSVOA_X

ClientSampleId :

MW-1

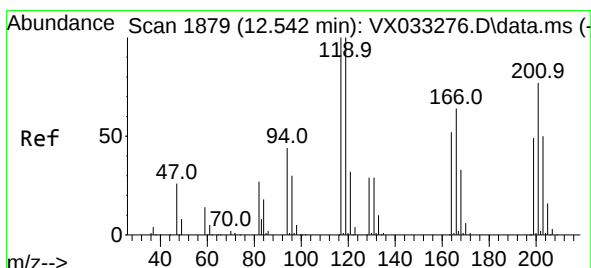
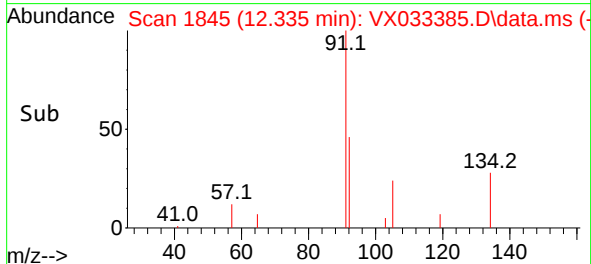
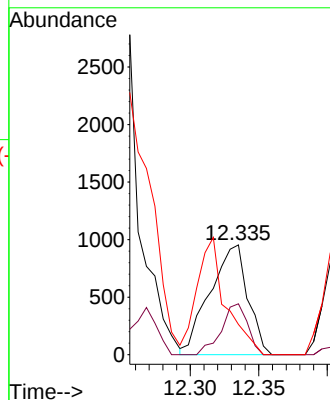
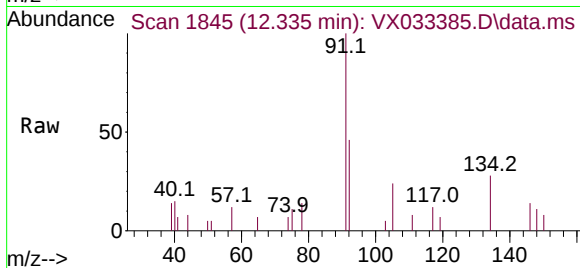
Tgt Ion: 91 Resp: 1837

Ion Ratio Lower Upper

91 100

92 32.1 26.2 78.6

134 81.0 12.9 38.6#



#90

Hexachloroethane

Concen: 3.205 ug/l

RT: 12.616 min Scan# 1891

Delta R.T. 0.073 min

Lab File: VX033385.D

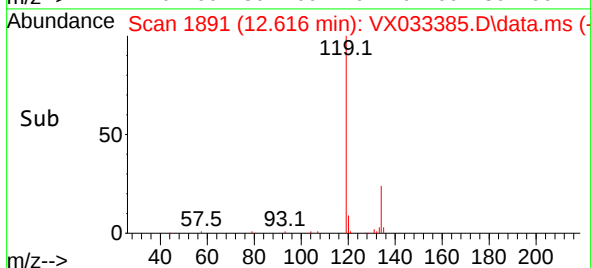
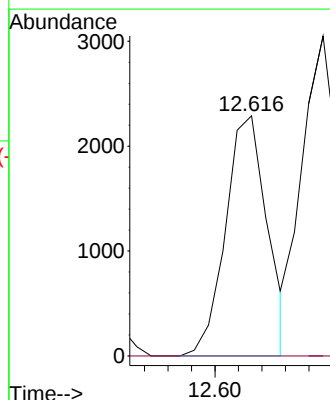
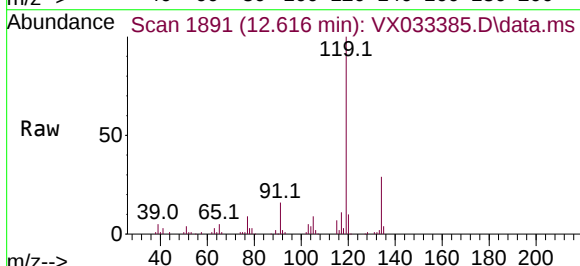
Acq: 13 Dec 2022 12:26

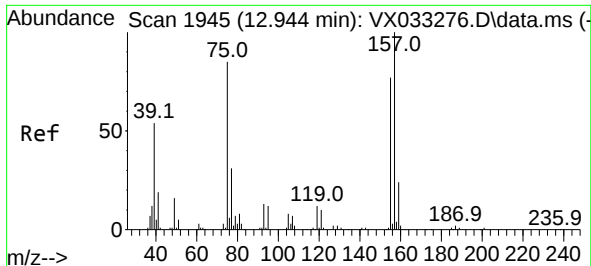
Tgt Ion: 117 Resp: 2826

Ion Ratio Lower Upper

117 100

201 0.0 37.6 112.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.493 ug/l

RT: 12.957 min Scan# 1947

Delta R.T. 0.012 min

Lab File: VX033385.D

Acq: 13 Dec 2022 12:26

Instrument :

MSVOA_X

ClientSampleId :

MW-1

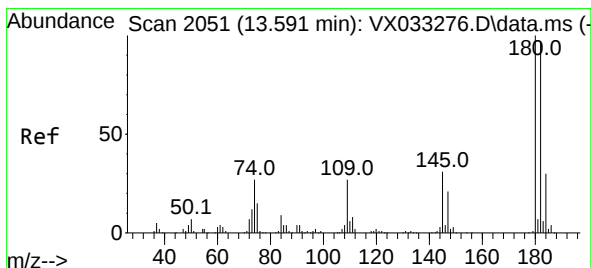
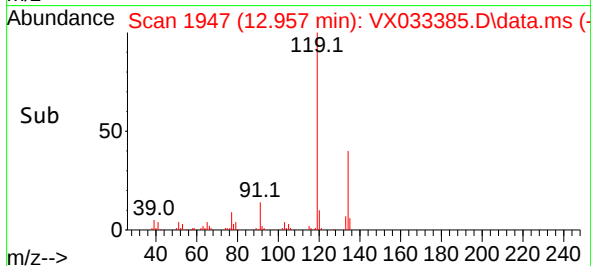
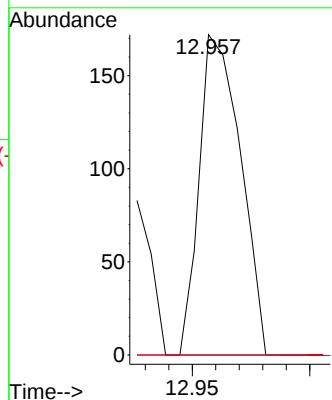
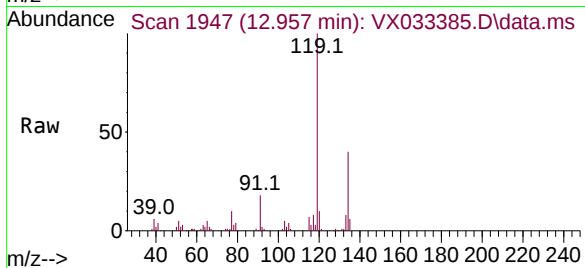
Tgt Ion: 75 Resp: 210

Ion Ratio Lower Upper

75 100

155 0.0 41.6 124.8#

157 0.0 54.1 162.4#



#93

1,2,4-Trichlorobenzene

Concen: 0.302 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX033385.D

Acq: 13 Dec 2022 12:26

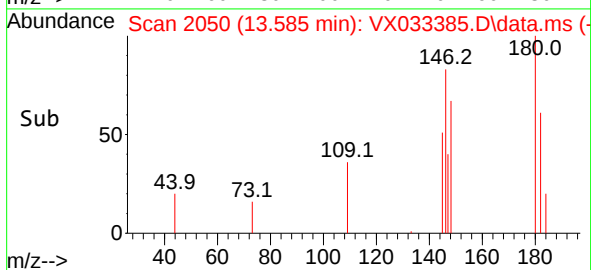
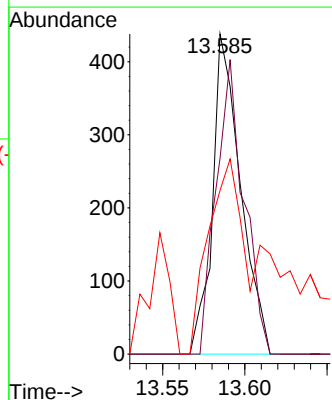
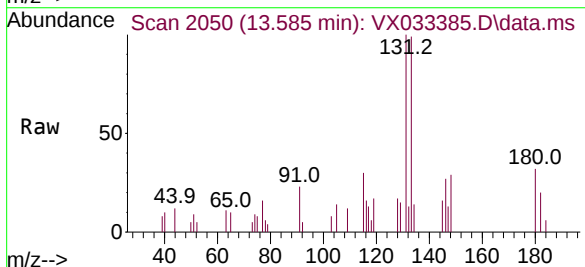
Tgt Ion: 180 Resp: 519

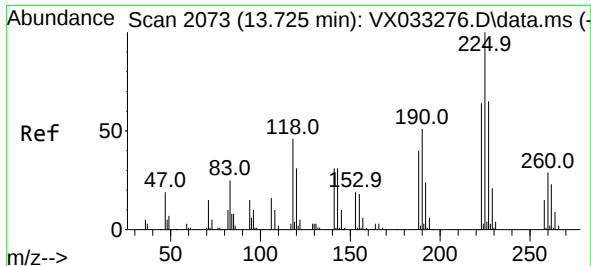
Ion Ratio Lower Upper

180 100

182 91.5 48.4 145.0

145 74.6 16.2 48.5#

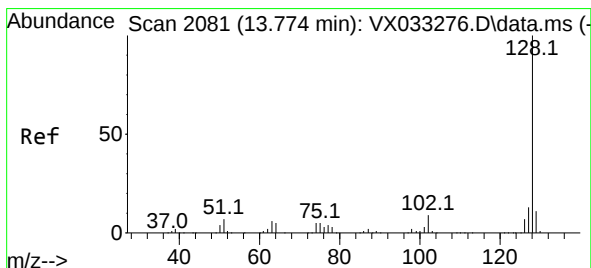
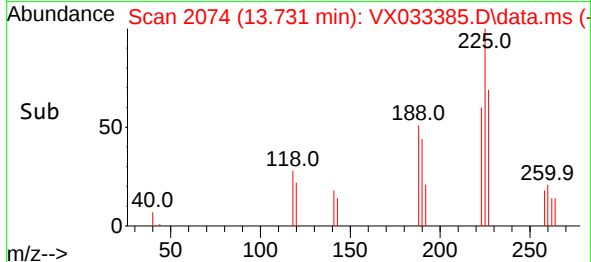
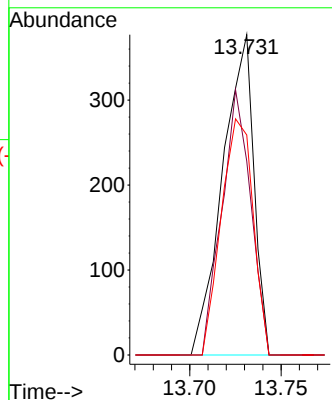
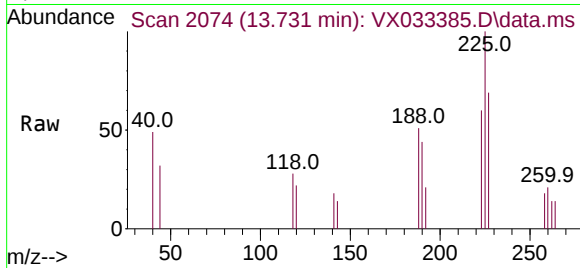




#94
Hexachlorobutadiene
Concen: 0.652 ug/l
RT: 13.731 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

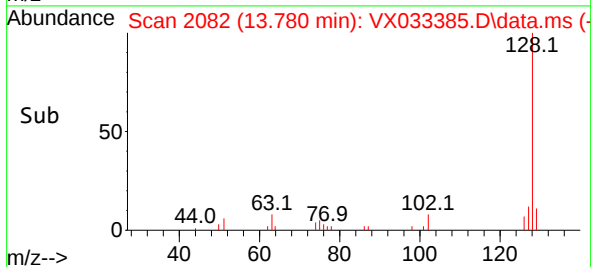
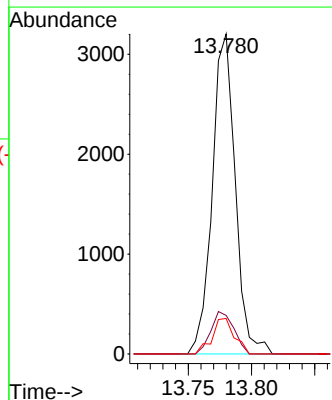
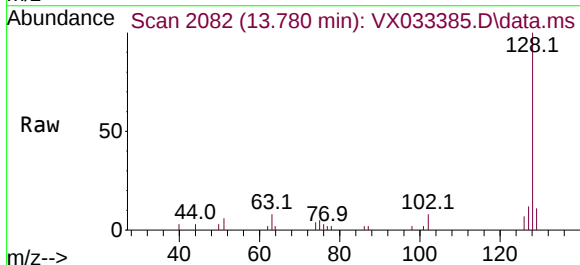
Instrument :
MSVOA_X
ClientSampleId :
MW-1

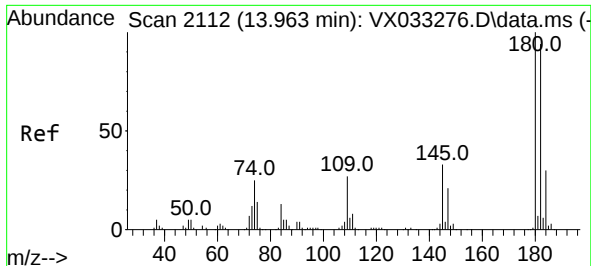
Tgt Ion:225 Resp: 448
Ion Ratio Lower Upper
225 100
223 76.1 31.9 95.9
227 75.0 31.9 95.5



#95
Naphthalene
Concen: 0.707 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

Tgt Ion:128 Resp: 4044
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.7 8.9 13.3





#96

1,2,3-Trichlorobenzene

Concen: 0.247 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX033385.D

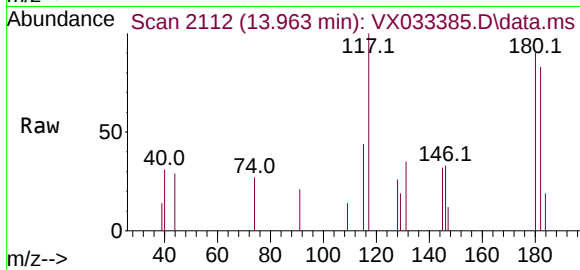
Acq: 13 Dec 2022 12:26

Instrument :

MSVOA_X

ClientSampleId :

MW-1



Tgt Ion:180 Resp: 429

Ion Ratio Lower Upper

180 100

182 113.1 47.5 142.6

145 80.7 16.9 50.6#

