

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111422\
 Data File : VX032798.D
 Acq On : 14 Nov 2022 16:36
 Operator : JC/MD
 Sample : N5572-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31912

Quant Time: Nov 15 05:09:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

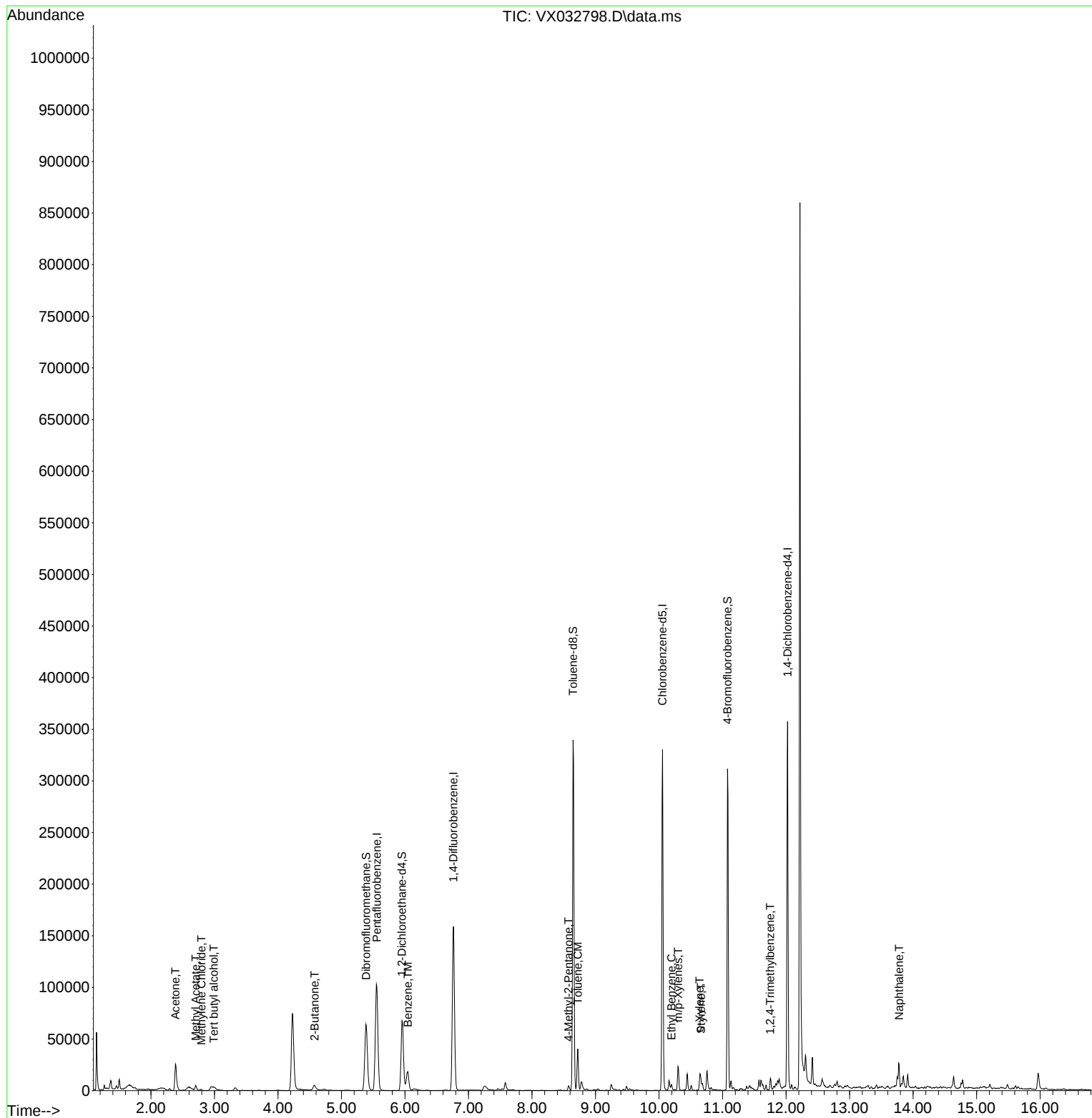
Internal Standards						
1) Pentafluorobenzene	5.556	168	99484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162441	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67937	49.148	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.300%
35) Dibromofluoromethane	5.385	113	54715	47.221	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.440%
50) Toluene-d8	8.646	98	198858	49.356	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.720%
62) 4-Bromofluorobenzene	11.079	95	77694	49.365	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.740%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.989	59	8491	42.203	ug/l	95
16) Acetone	2.385	43	31173	62.048	ug/l	100
18) Methyl Acetate	2.702	43	5372	3.288	ug/l	97
20) Methylene Chloride	2.794	84	381	0.331	ug/l #	74
25) 2-Butanone	4.574	43	7277	9.349	ug/l	98
40) Benzene	6.043	78	22423	4.911	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	2603	1.603	ug/l	98
52) Toluene	8.720	92	14381	4.827	ug/l	99
67) Ethyl Benzene	10.195	91	3148	0.544	ug/l	93
68) m/p-Xylenes	10.299	106	5464	2.431	ug/l	98
69) o-Xylene	10.640	106	2409	1.102	ug/l	97
70) Styrene	10.658	104	4249	1.170	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	4844	0.979	ug/l	87
95) Naphthalene	13.780	128	13705	2.376	ug/l	98

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

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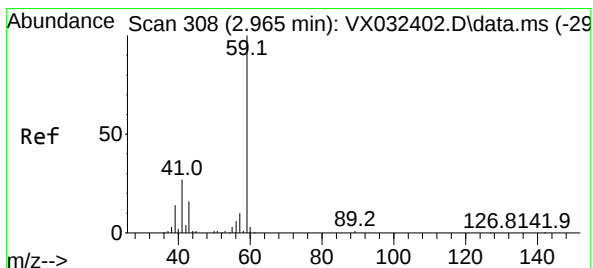
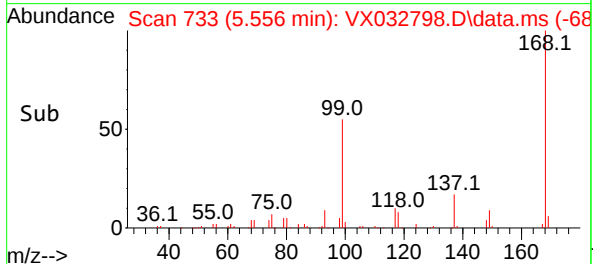
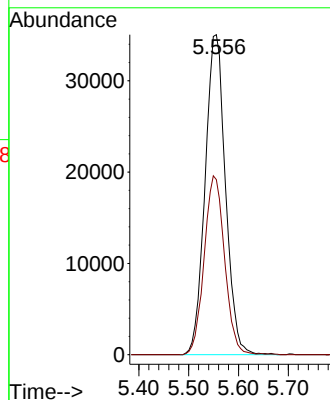
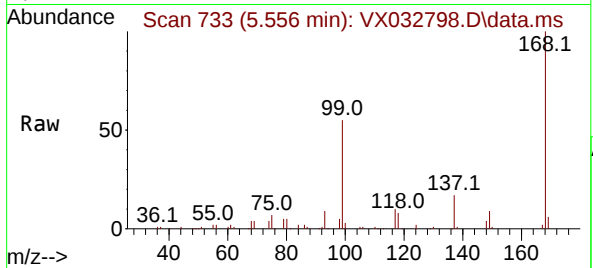




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032798.D
Acq: 14 Nov 2022 16:36

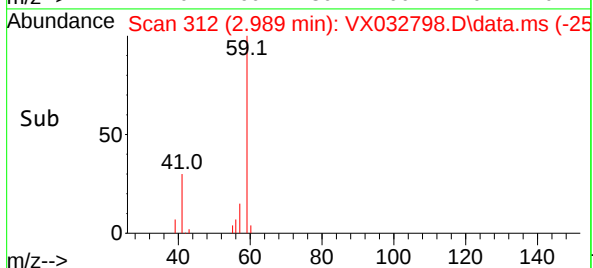
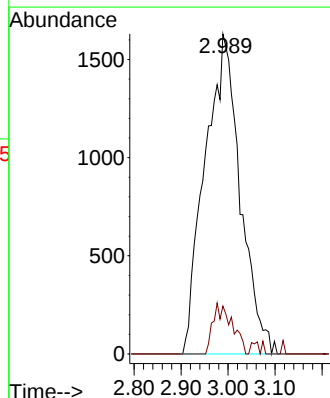
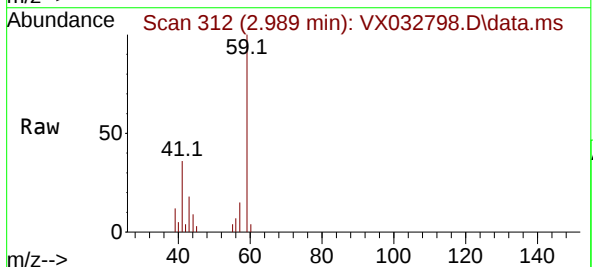
Instrument :
MSVOA_X
ClientSampleId :
31912

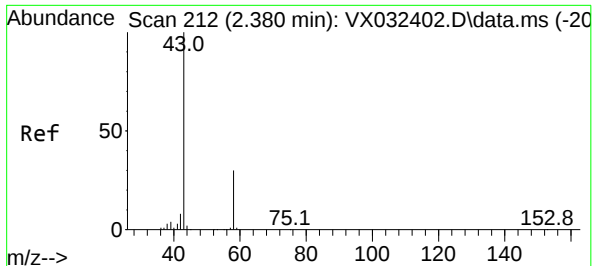
Tgt Ion:168 Resp: 99484
Ion Ratio Lower Upper
168 100
99 54.7 46.1 69.1



#11
Tert butyl alcohol
Concen: 42.203 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.024 min
Lab File: VX032798.D
Acq: 14 Nov 2022 16:36

Tgt Ion: 59 Resp: 8491
Ion Ratio Lower Upper
59 100
57 8.6 8.2 12.4

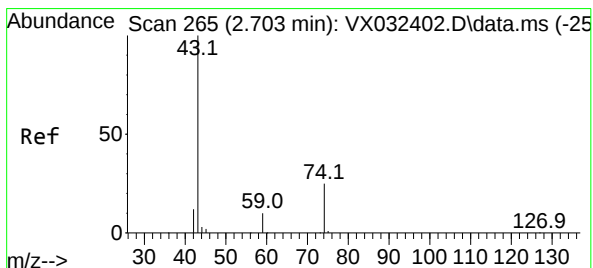
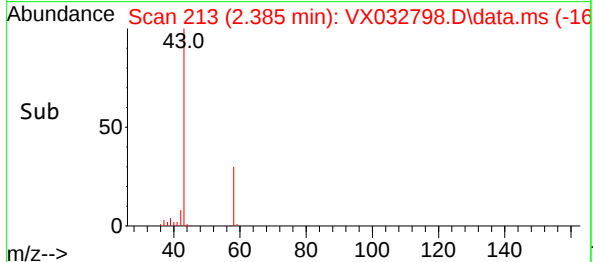
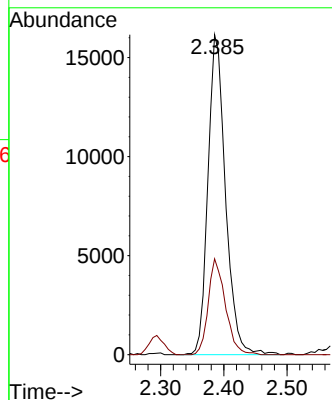
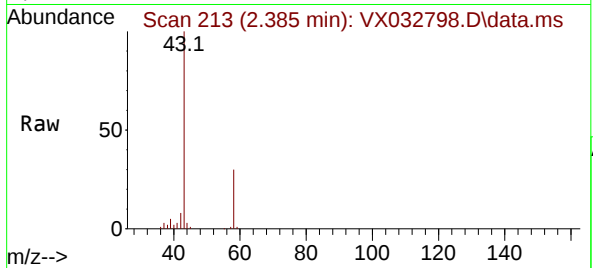




#16
Acetone
Concen: 62.048 ug/l
RT: 2.385 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032798.D
Acq: 14 Nov 2022 16:36

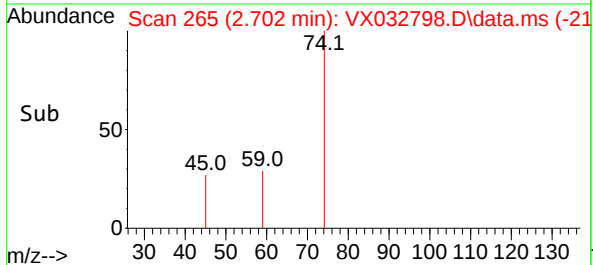
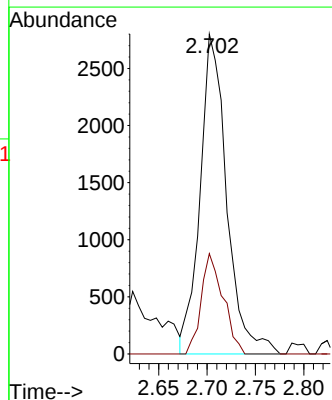
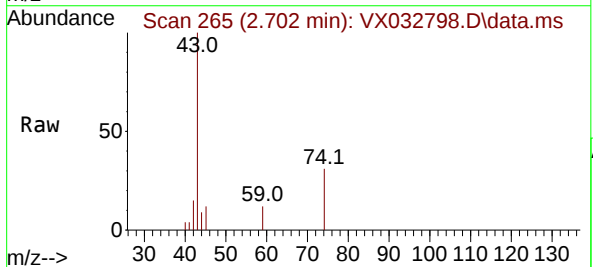
Instrument :
MSVOA_X
ClientSampleId :
31912

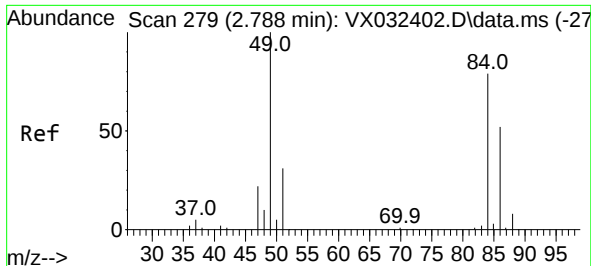
Tgt Ion: 43 Resp: 31173
Ion Ratio Lower Upper
43 100
58 30.0 23.8 35.8



#18
Methyl Acetate
Concen: 3.288 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX032798.D
Acq: 14 Nov 2022 16:36

Tgt Ion: 43 Resp: 5372
Ion Ratio Lower Upper
43 100
74 25.9 19.4 29.0

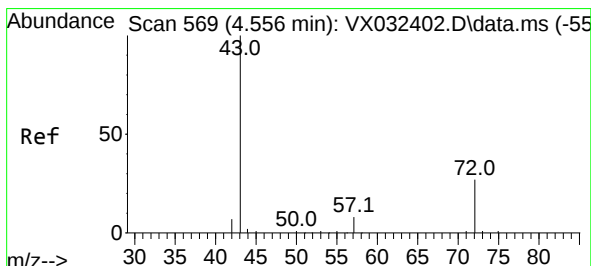
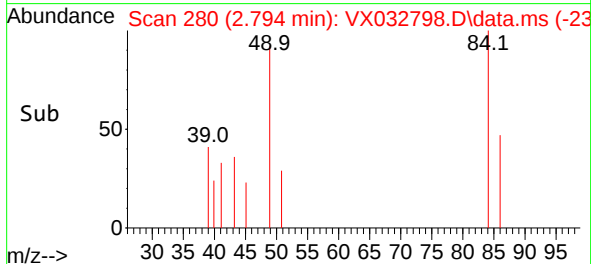
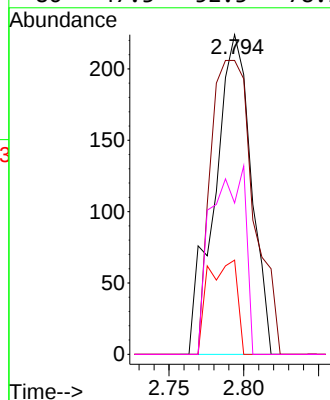
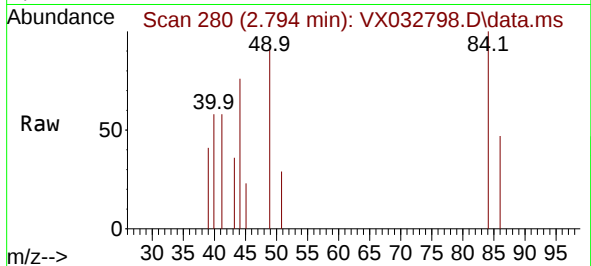




#20
Methylene Chloride
Concen: 0.331 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032798.D
Acq: 14 Nov 2022 16:36

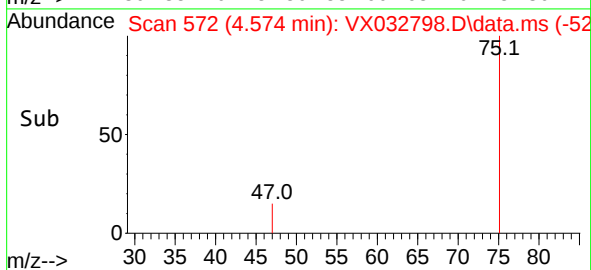
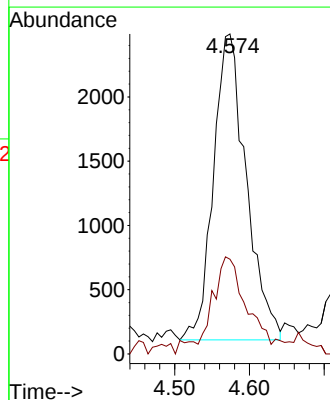
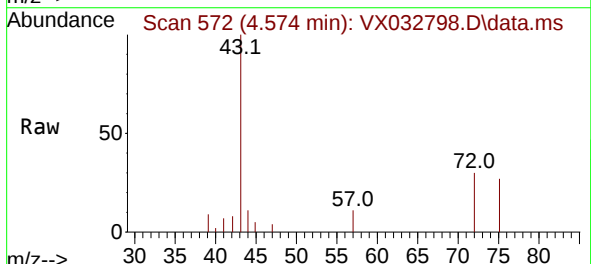
Instrument :
MSVOA_X
ClientSampleId :
31912

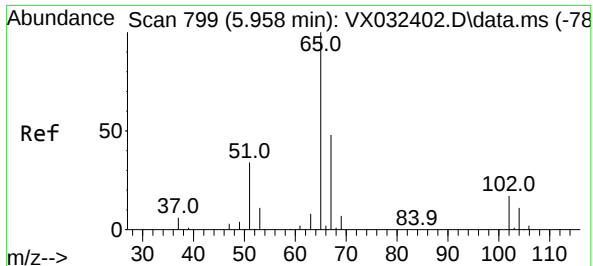
Tgt Ion:	84	Resp:	381
Ion	Ratio	Lower	Upper
84	100		
49	92.0	101.0	151.6#
51	29.5	31.1	46.7#
86	47.3	52.3	78.5#



#25
2-Butanone
Concen: 9.349 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX032798.D
Acq: 14 Nov 2022 16:36

Tgt Ion:	43	Resp:	7277
Ion	Ratio	Lower	Upper
43	100		
72	26.6	22.2	33.2





#33

1,2-Dichloroethane-d4

Concen: 49.148 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032798.D

Acq: 14 Nov 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

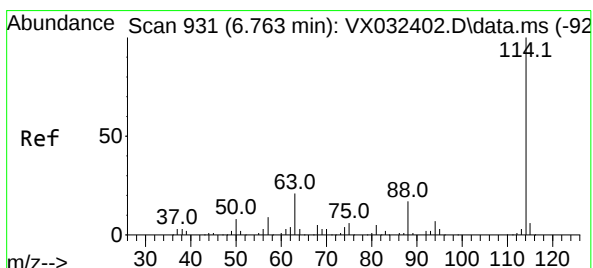
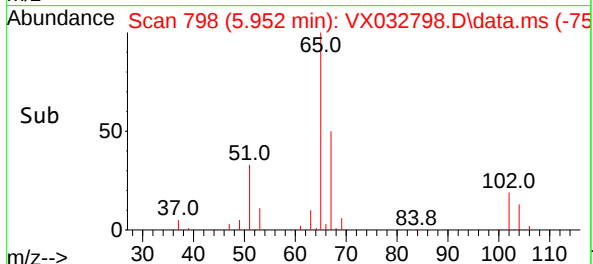
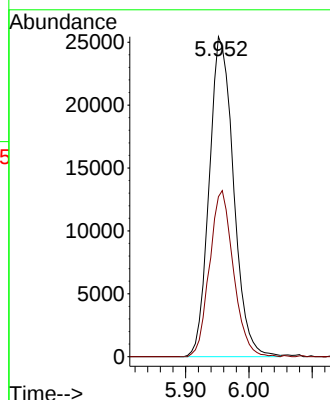
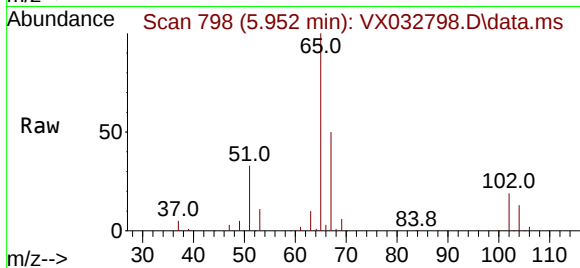
31912

Tgt Ion: 65 Resp: 67937

Ion Ratio Lower Upper

65 100

67 50.9 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: VX032798.D

Acq: 14 Nov 2022 16:36

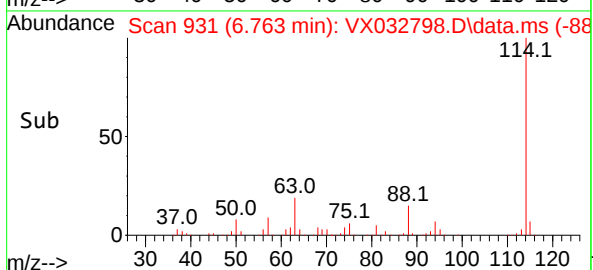
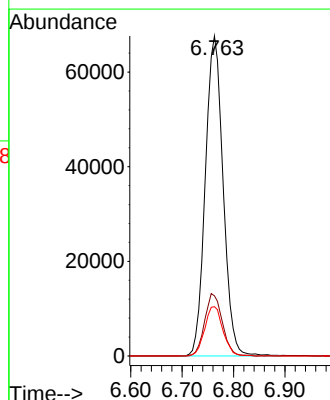
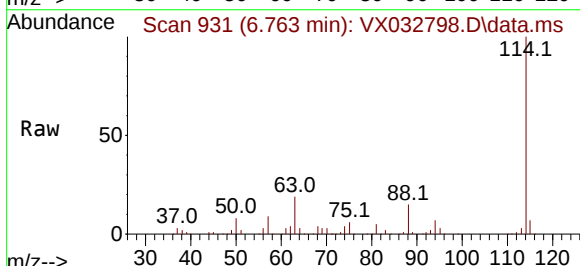
Tgt Ion: 114 Resp: 162441

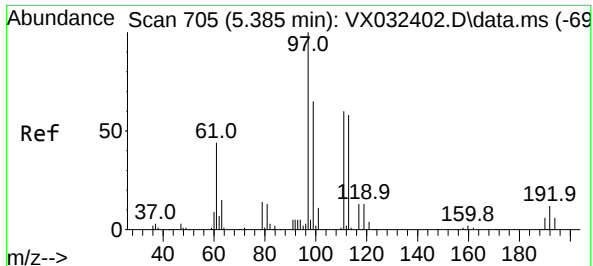
Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.6

88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.221 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032798.D

Acq: 14 Nov 2022 16:36

Instrument :

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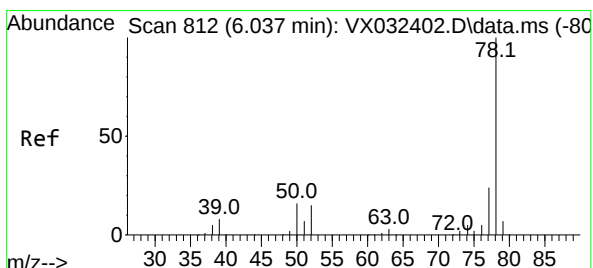
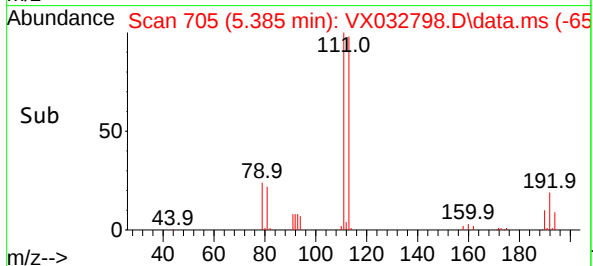
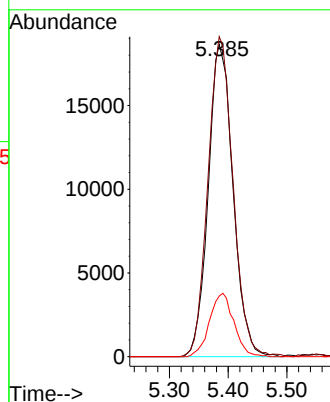
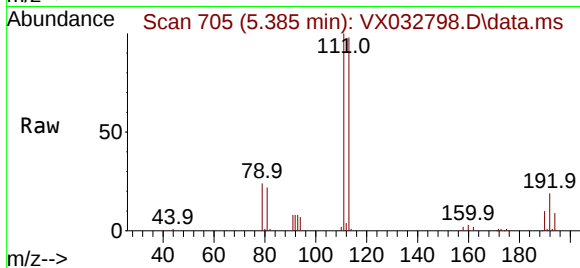
Tgt Ion:113 Resp: 54715

Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

192 19.9 15.4 23.2



#40

Benzene

Concen: 4.911 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX032798.D

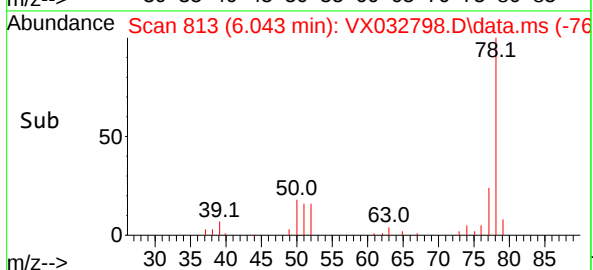
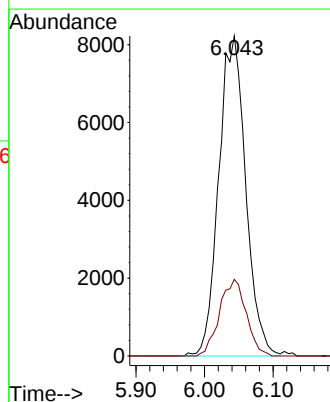
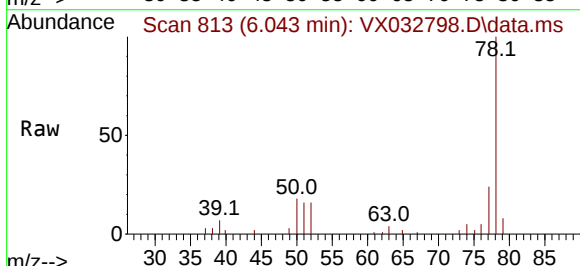
Acq: 14 Nov 2022 16:36

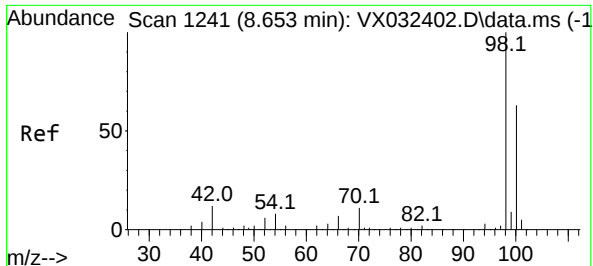
Tgt Ion: 78 Resp: 22423

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4

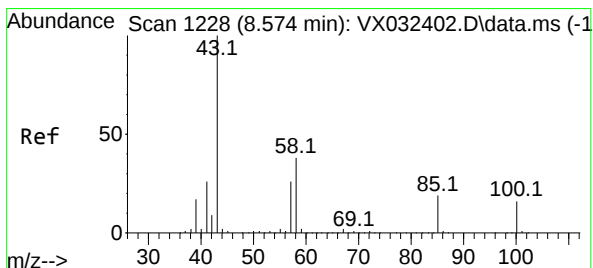
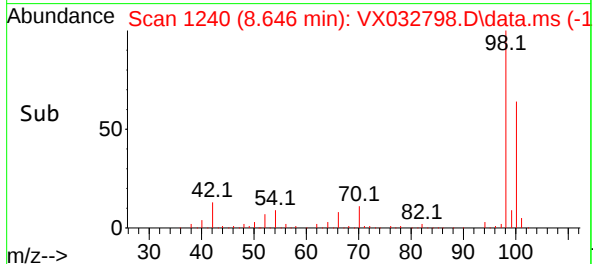
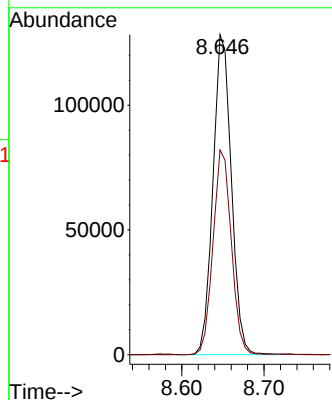
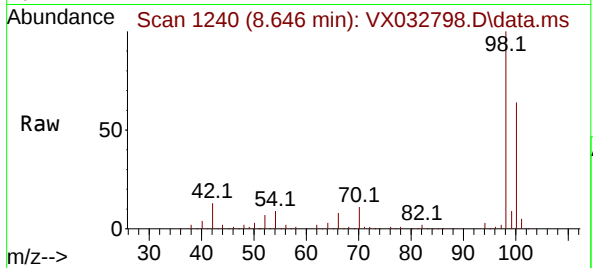




#50
Toluene-d8
Concen: 49.356 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032798.D
Acq: 14 Nov 2022 16:36

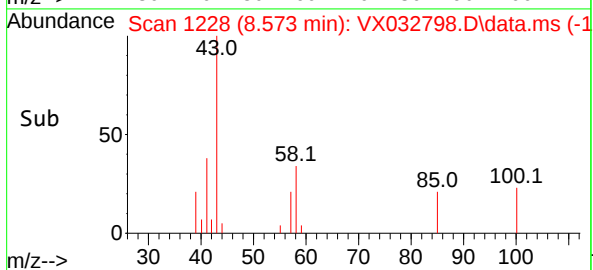
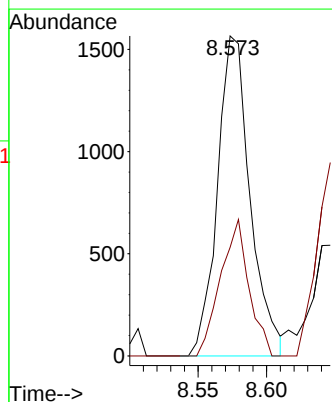
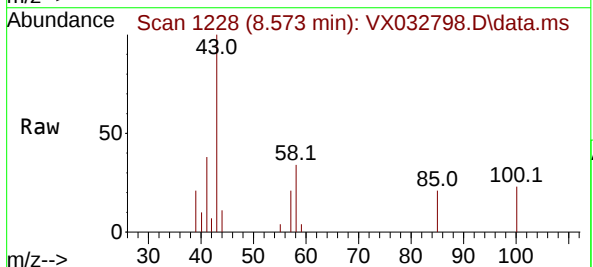
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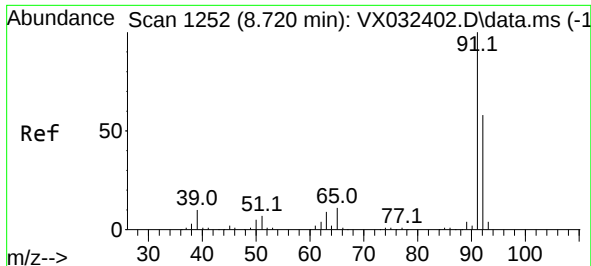
Tgt Ion: 98 Resp: 198858
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.603 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX032798.D
Acq: 14 Nov 2022 16:36

Tgt Ion: 43 Resp: 2603
Ion Ratio Lower Upper
43 100
58 37.1 30.9 46.3

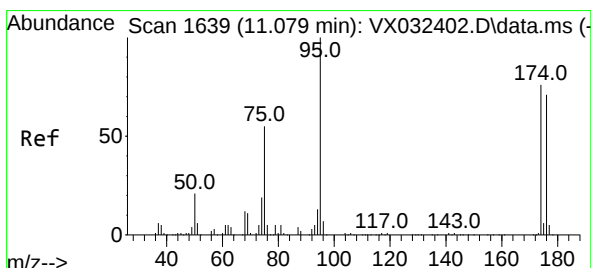
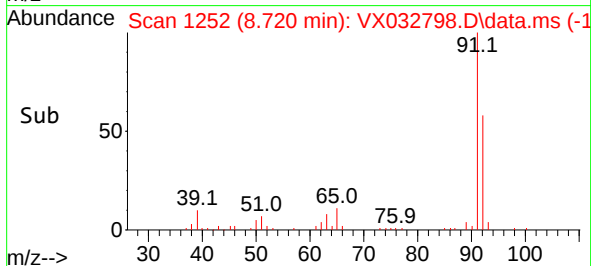
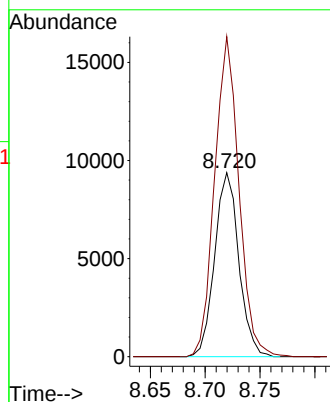
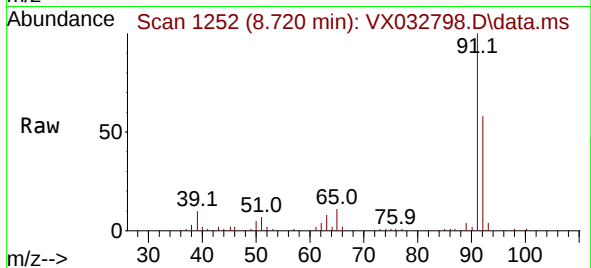




#52
Toluene
Concen: 4.827 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032798.D
Acq: 14 Nov 2022 16:36

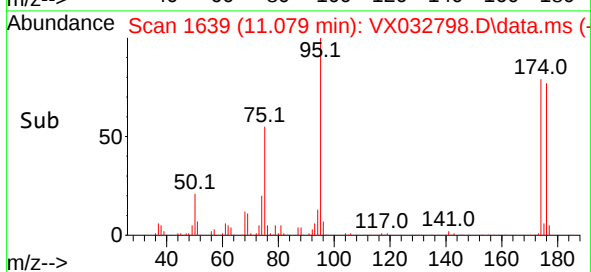
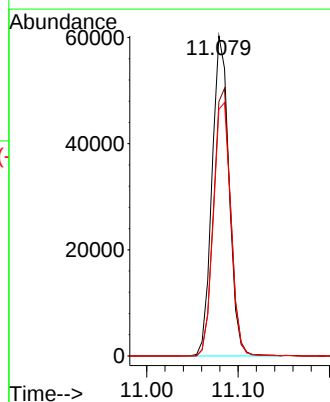
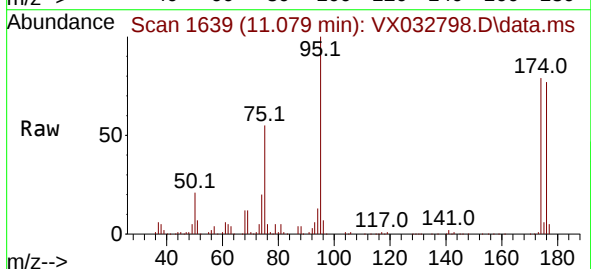
Instrument :
MSVOA_X
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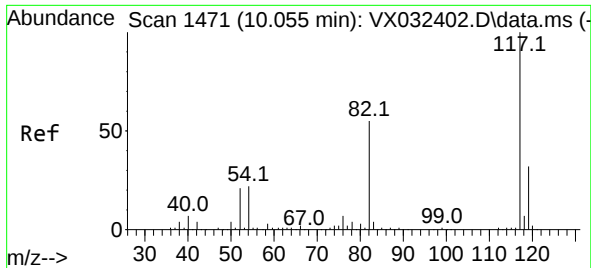
Tgt Ion: 92 Resp: 14381
Ion Ratio Lower Upper
92 100
91 174.8 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 49.365 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032798.D
Acq: 14 Nov 2022 16:36

Tgt Ion: 95 Resp: 77694
Ion Ratio Lower Upper
95 100
174 84.2 0.0 164.0
176 81.5 0.0 154.4

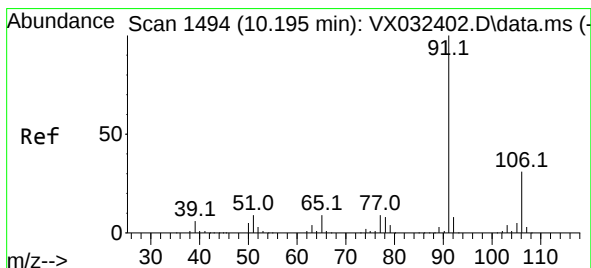
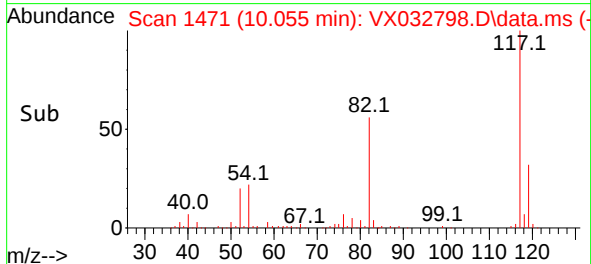
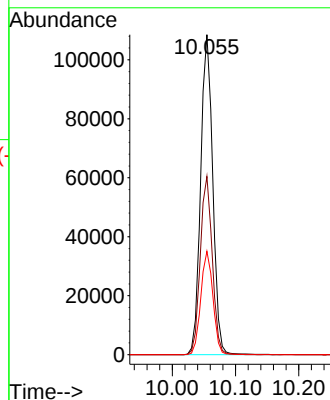
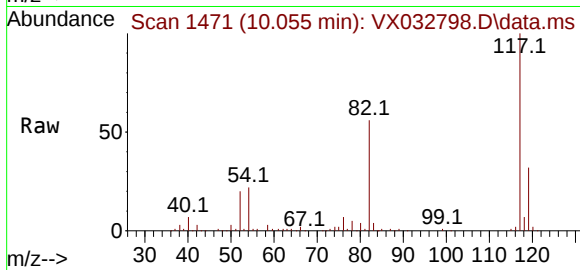




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032798.D
Acq: 14 Nov 2022 16:36

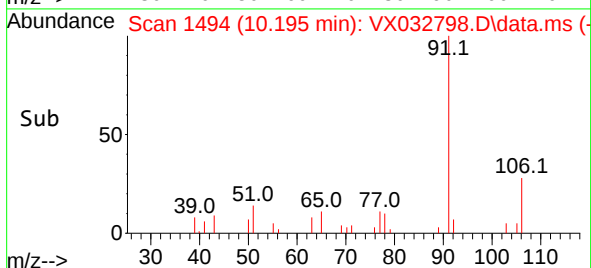
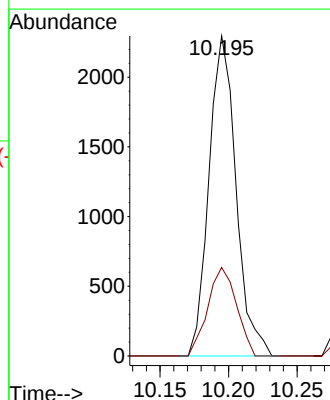
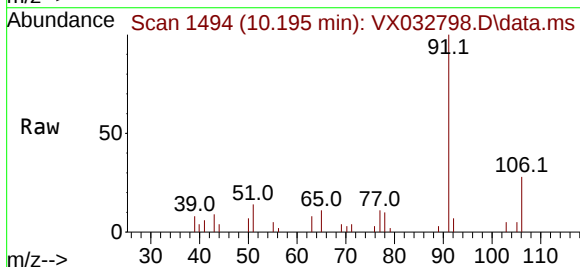
Instrument :
MSVOA_X
ClientSampleId :
31912

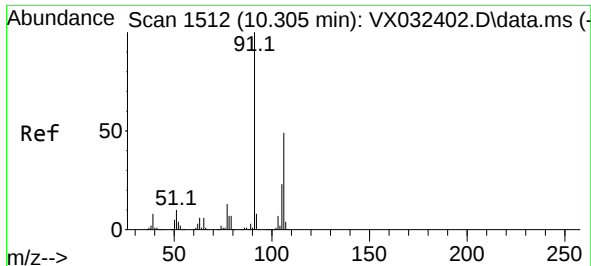
Tgt Ion:117 Resp: 144500
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 32.3 25.7 38.5



#67
Ethyl Benzene
Concen: 0.544 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032798.D
Acq: 14 Nov 2022 16:36

Tgt Ion: 91 Resp: 3148
Ion Ratio Lower Upper
91 100
106 27.7 25.0 37.6

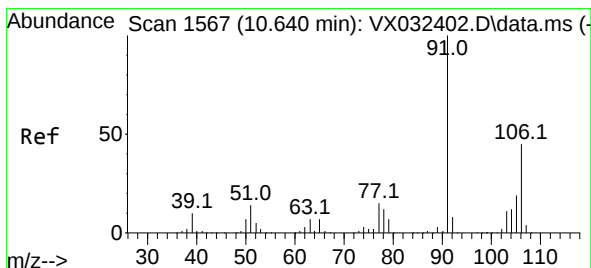
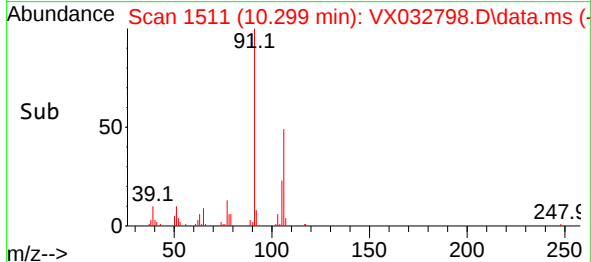
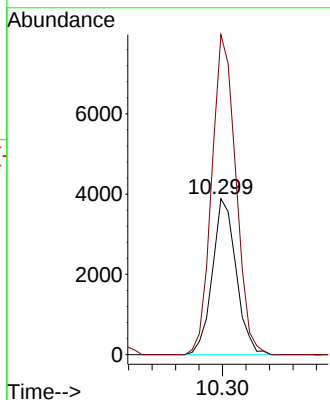
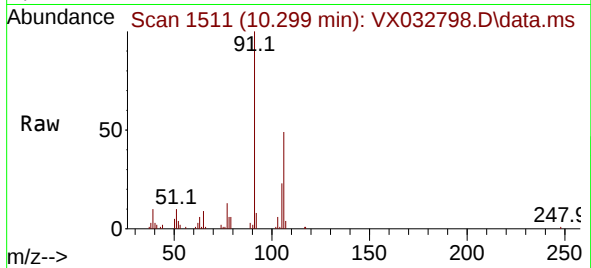




#68
m/p-Xylenes
Concen: 2.431 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032798.D
Acq: 14 Nov 2022 16:36

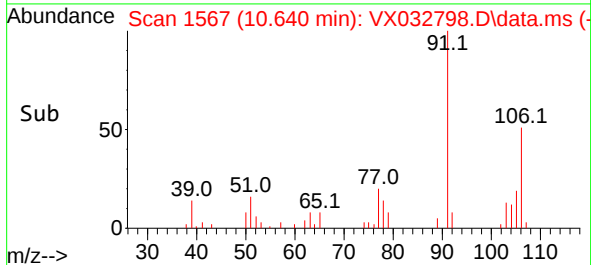
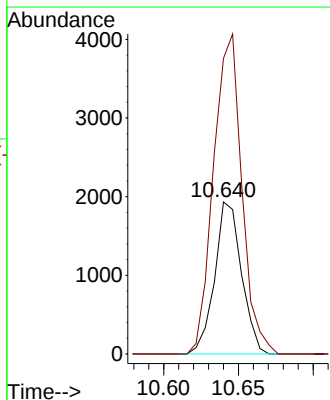
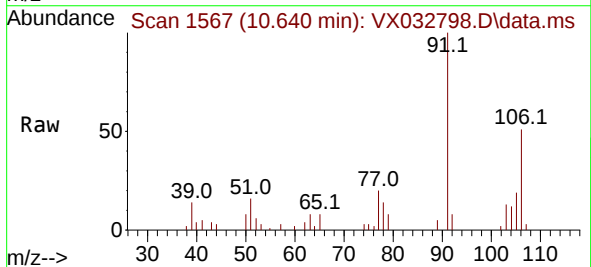
Instrument :
MSVOA_X
ClientSampleId :
31912

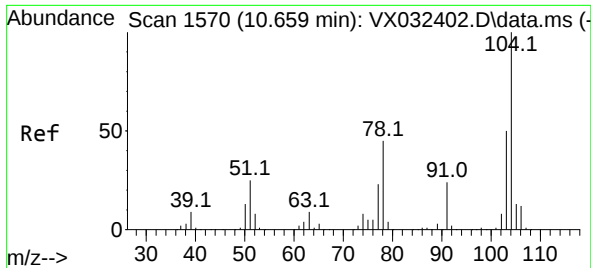
Tgt Ion:106 Resp: 5464
Ion Ratio Lower Upper
106 100
91 207.9 164.5 246.7



#69
o-Xylene
Concen: 1.102 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX032798.D
Acq: 14 Nov 2022 16:36

Tgt Ion:106 Resp: 2409
Ion Ratio Lower Upper
106 100
91 222.5 109.2 327.6

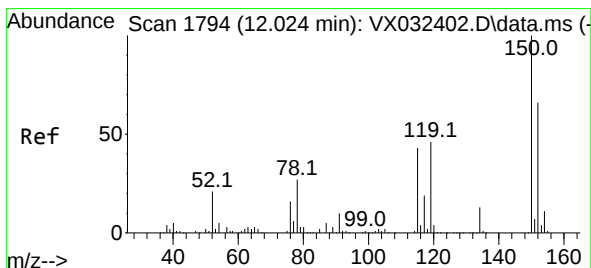
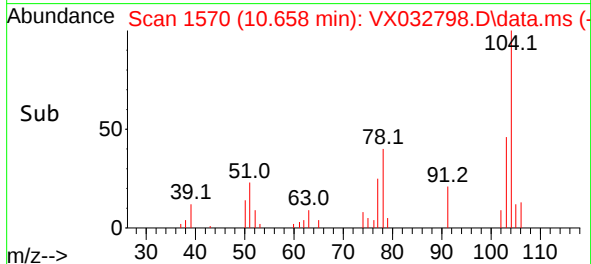
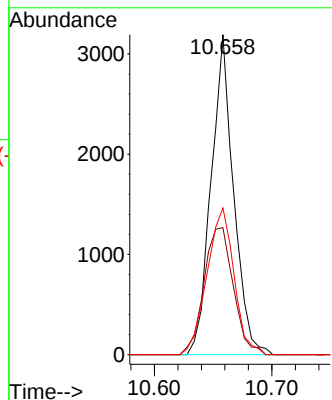
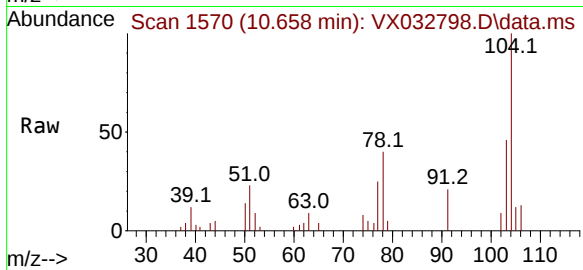




#70
Styrene
Concen: 1.170 ug/l
RT: 10.658 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032798.D
Acq: 14 Nov 2022 16:36

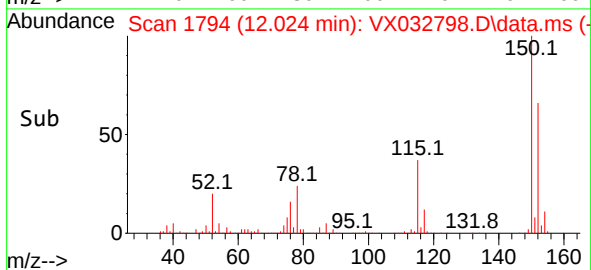
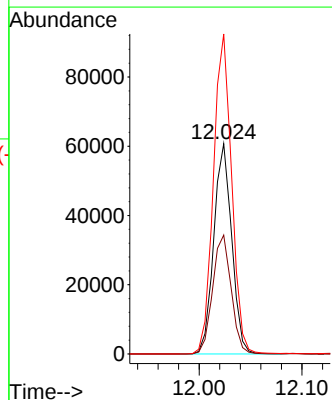
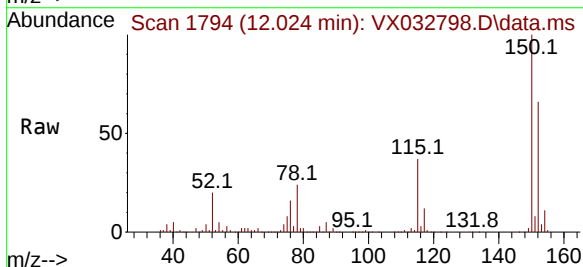
Instrument :
MSVOA_X
ClientSampleId :
31912

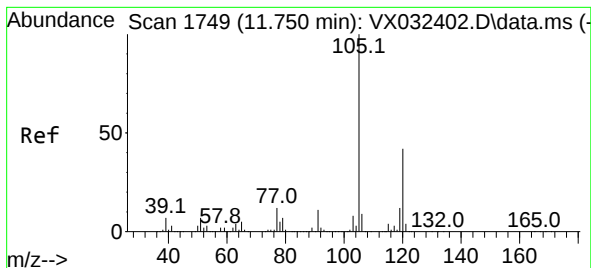
Tgt Ion:104 Resp: 4249
Ion Ratio Lower Upper
104 100
78 51.7 41.8 62.8
103 55.0 44.5 66.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032798.D
Acq: 14 Nov 2022 16:36

Tgt Ion:152 Resp: 73476
Ion Ratio Lower Upper
152 100
115 58.3 44.0 132.0
150 154.9 0.0 351.8





#84

1,2,4-Trimethylbenzene

Concen: 0.979 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX032798.D

Acq: 14 Nov 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

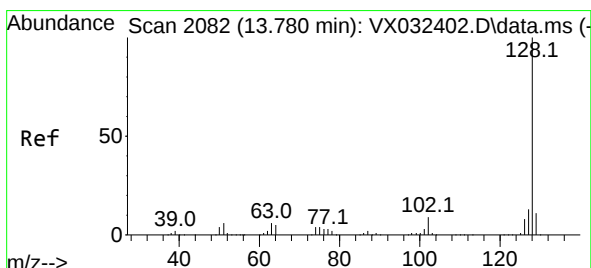
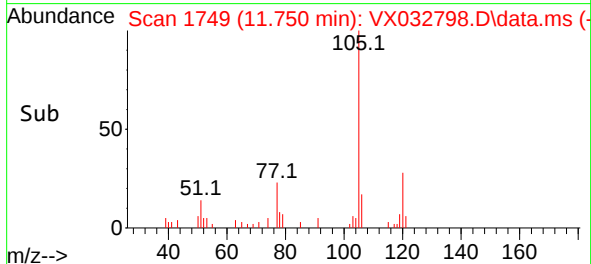
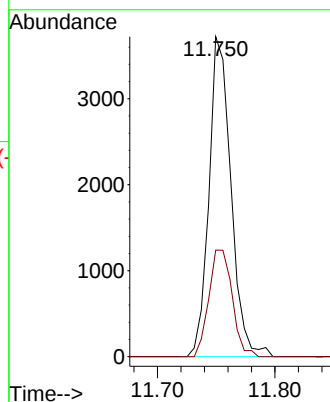
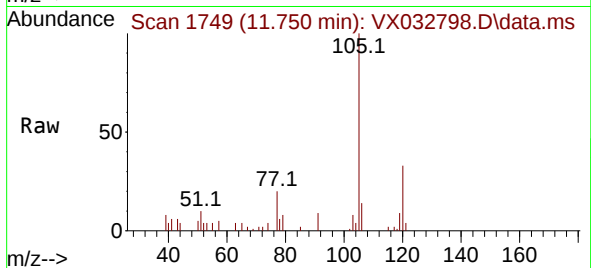
31912

Tgt Ion:105 Resp: 4844

Ion Ratio Lower Upper

105 100

120 35.4 21.9 65.5



#95

Naphthalene

Concen: 2.376 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX032798.D

Acq: 14 Nov 2022 16:36

Tgt Ion:128 Resp: 13705

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.4

129 11.0 8.9 13.3

