

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032826.D
 Acq On : 15 Nov 2022 16:35
 Operator : JC/MD
 Sample : N5614-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Quant Time: Nov 16 03:34:30 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	5.550	168	98967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	161469	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73938	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68900	50.105	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.200%
35) Dibromofluoromethane	5.385	113	55085	47.826	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.660%
50) Toluene-d8	8.647	98	204025	50.943	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.880%
62) 4-Bromofluorobenzene	11.079	95	87100	55.675	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.340%

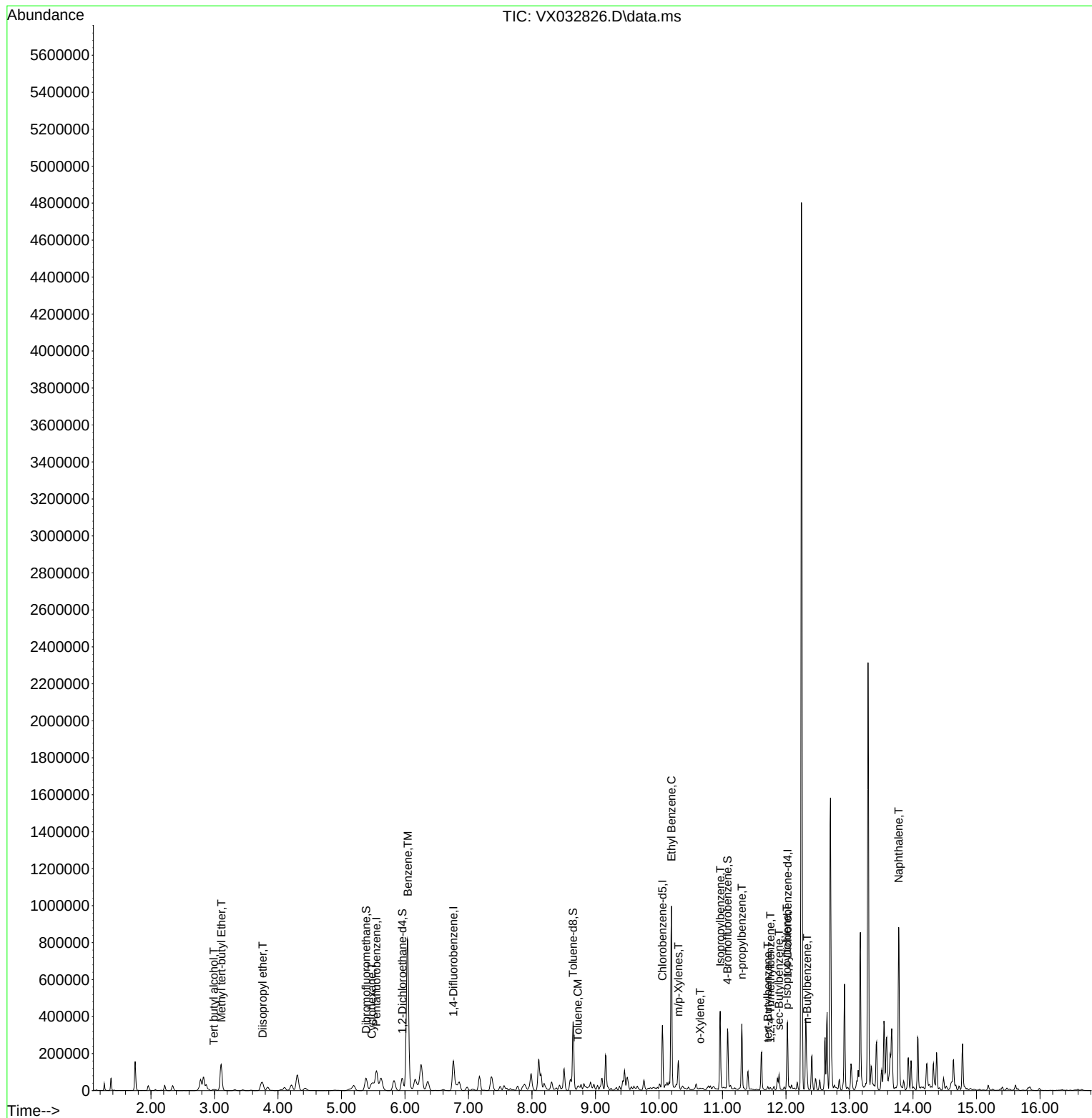
Target Compounds						Qvalue
11) Tert butyl alcohol	2.989	59	12707	63.488	ug/l #	72
19) Methyl tert-butyl Ether	3.111	73	19684	5.643	ug/l #	1
22) Diisopropyl ether	3.757	45	35726	10.440	ug/l	92
31) Cyclohexane	5.476	56	28495	17.090	ug/l #	90
40) Benzene	6.043	78	982223	216.408	ug/l	99
52) Toluene	8.720	92	7286	2.460	ug/l	100
67) Ethyl Benzene	10.195	91	539155	90.465	ug/l	100
68) m/p-Xylenes	10.305	106	30459	13.161	ug/l	99
69) o-Xylene	10.646	106	1114	0.495	ug/l	85
73) Isopropylbenzene	10.963	105	209686	35.789	ug/l	99
78) n-propylbenzene	11.305	91	206697	30.620	ug/l	99
83) tert-Butylbenzene	11.713	119	5482	1.097	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	5725	1.150	ug/l	97
85) sec-Butylbenzene	11.890	105	37850	6.292	ug/l	98
86) p-Isopropyltoluene	12.012	119	10961	2.147	ug/l #	50
89) n-Butylbenzene	12.329	91	63971	14.406	ug/l #	64
95) Naphthalene	13.774	128	543545	93.641	ug/l	99

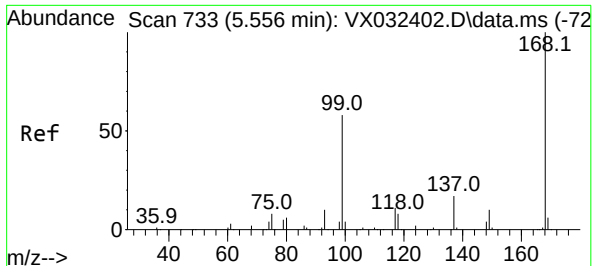
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
Data File : VX032826.D
Acq On : 15 Nov 2022 16:35
Operator : JC/MD
Sample : N5614-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Quant Time: Nov 16 03:34:30 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

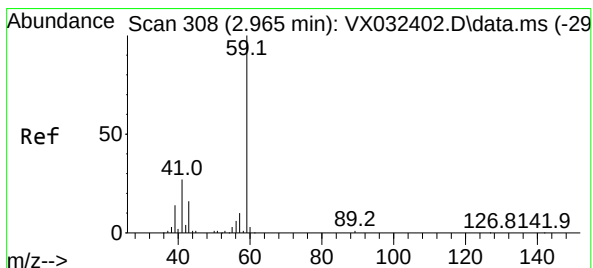
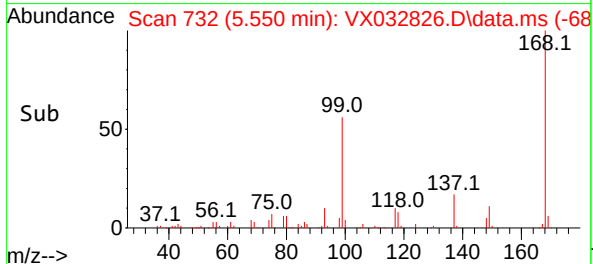
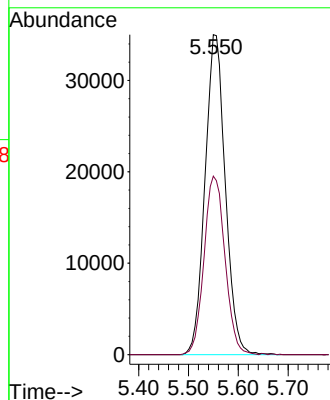
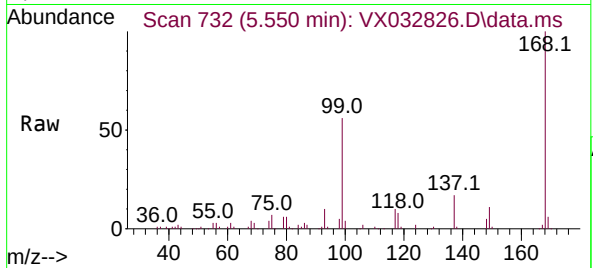




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX032826.D
Acq: 15 Nov 2022 16:35

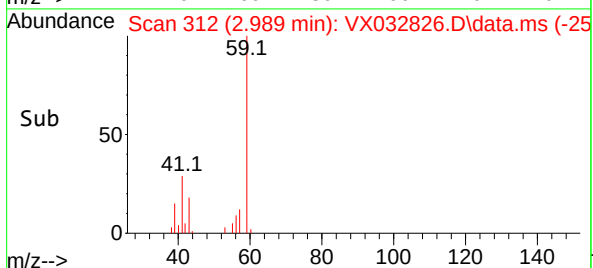
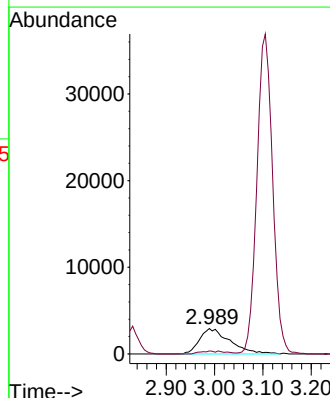
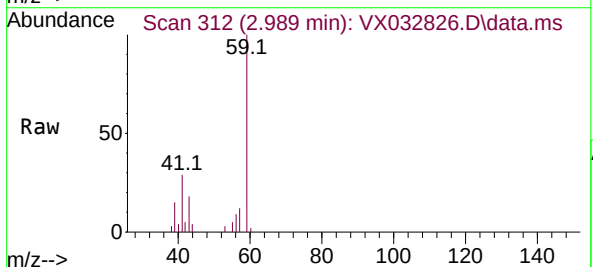
Instrument :
MSVOA_X
ClientSampleId :
MW-14

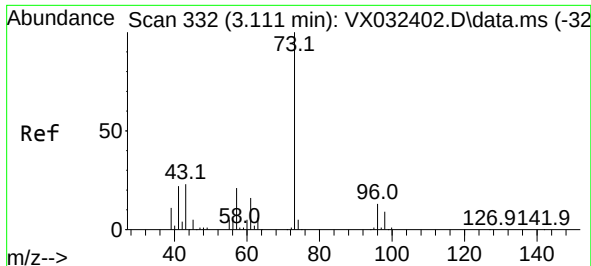
Tgt Ion:168 Resp: 98967
Ion Ratio Lower Upper
168 100
99 55.8 46.1 69.1



#11
Tert butyl alcohol
Concen: 63.488 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.024 min
Lab File: VX032826.D
Acq: 15 Nov 2022 16:35

Tgt Ion: 59 Resp: 12707
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

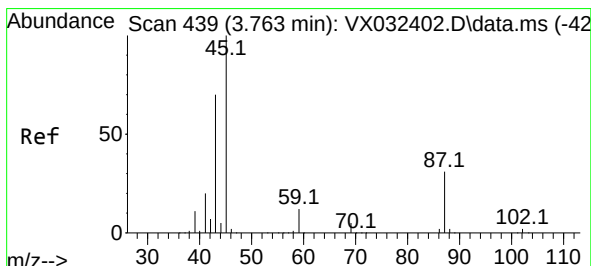
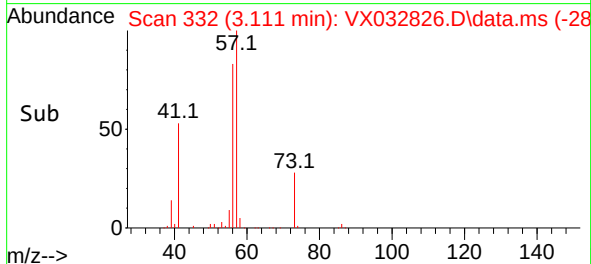
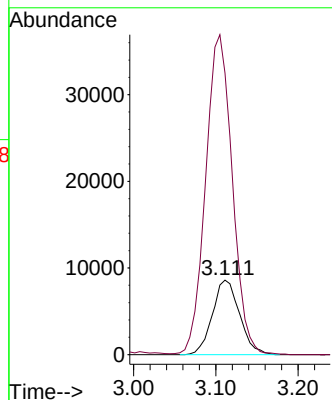
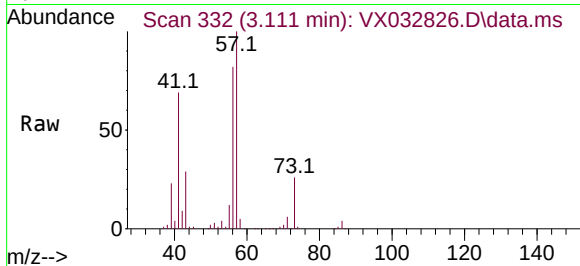




#19
Methyl tert-butyl Ether
Concen: 5.643 ug/l
RT: 3.111 min Scan# 331
Delta R.T. -0.000 min
Lab File: VX032826.D
Acq: 15 Nov 2022 16:35

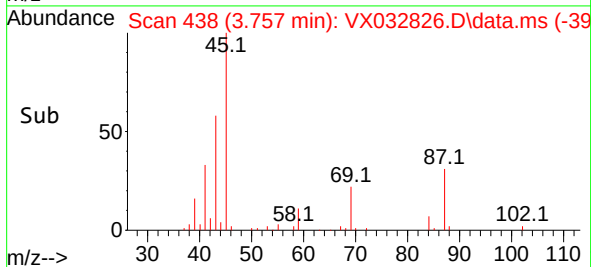
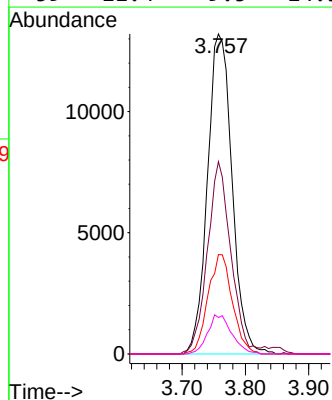
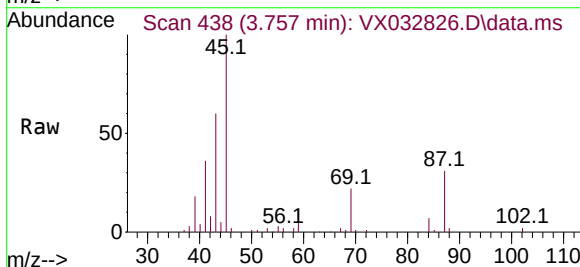
Instrument :
MSVOA_X
ClientSampleId :
MW-14

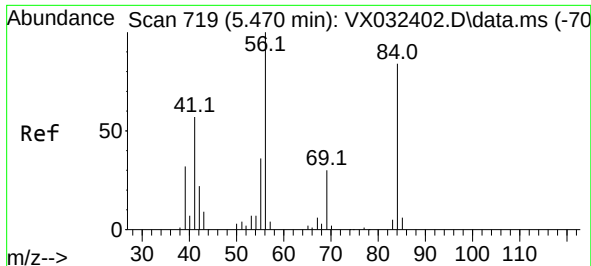
Tgt Ion: 73 Resp: 19684
Ion Ratio Lower Upper
73 100
57 377.5 16.6 25.0#



#22
Diisopropyl ether
Concen: 10.440 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032826.D
Acq: 15 Nov 2022 16:35

Tgt Ion: 45 Resp: 35726
Ion Ratio Lower Upper
45 100
43 60.1 56.4 84.6
87 31.0 24.4 36.6
59 11.4 9.5 14.3

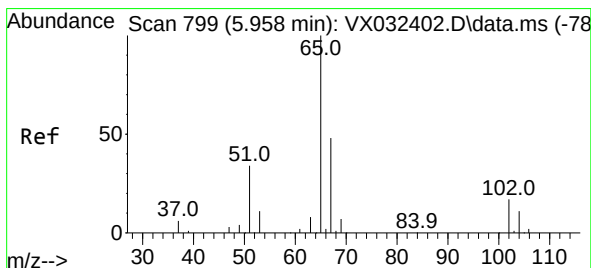
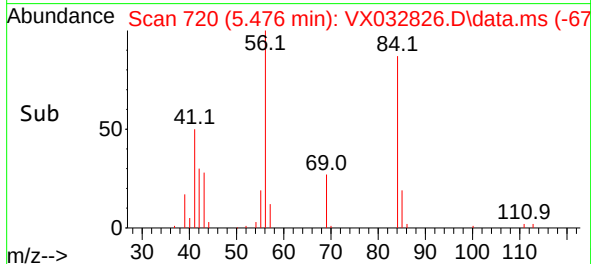
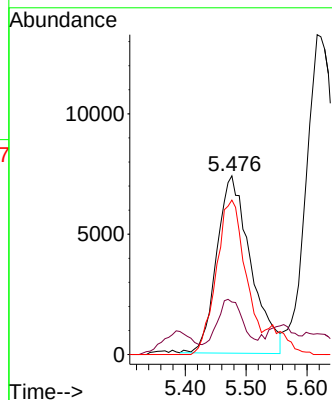
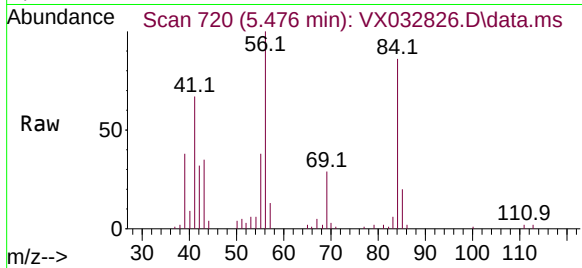




#31
Cyclohexane
Concen: 17.090 ug/l
RT: 5.476 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX032826.D
Acq: 15 Nov 2022 16:35

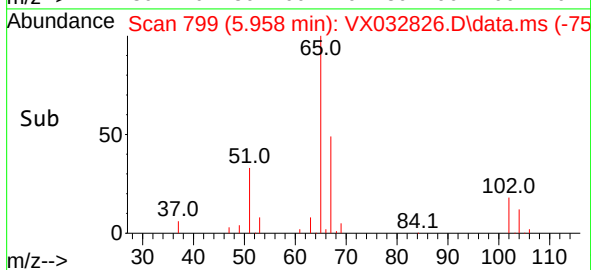
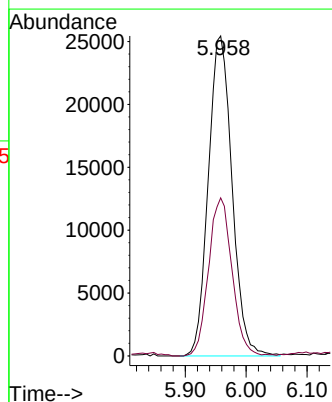
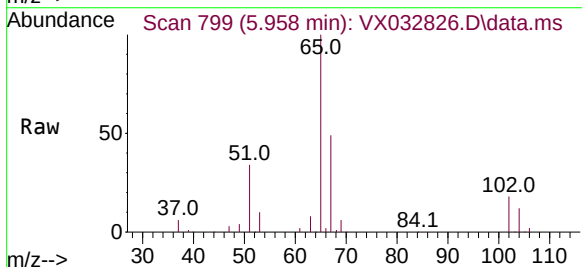
Instrument :
MSVOA_X
ClientSampleId :
MW-14

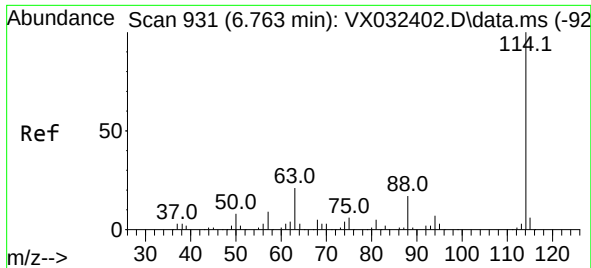
Tgt Ion: 56 Resp: 28495
Ion Ratio Lower Upper
56 100
69 16.7 24.1 36.1#
84 87.4 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 50.105 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032826.D
Acq: 15 Nov 2022 16:35

Tgt Ion: 65 Resp: 68900
Ion Ratio Lower Upper
65 100
67 48.8 0.0 101.8

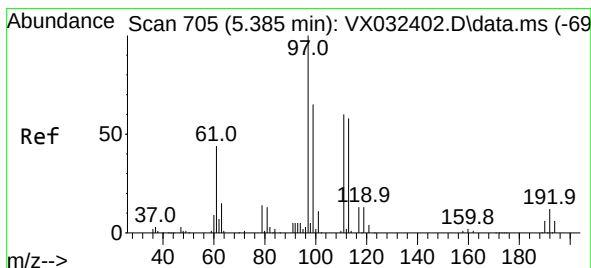
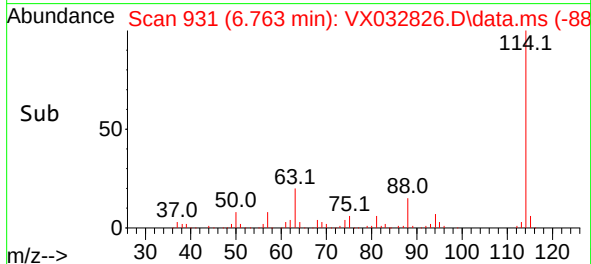
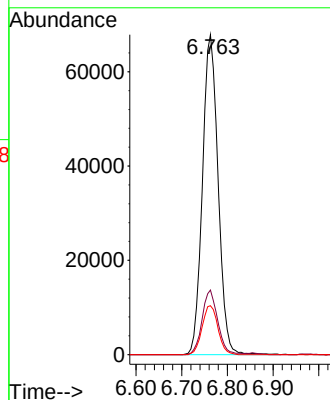
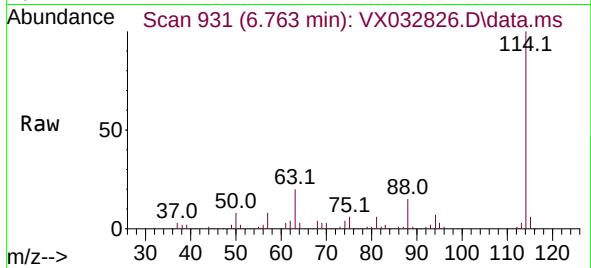




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX032826.D
Acq: 15 Nov 2022 16:35

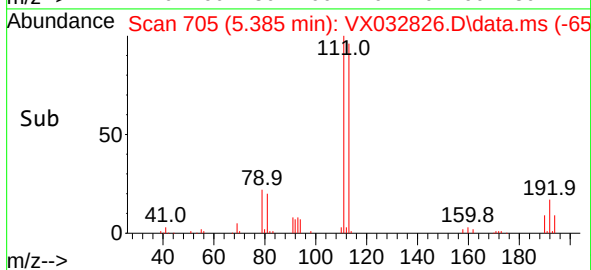
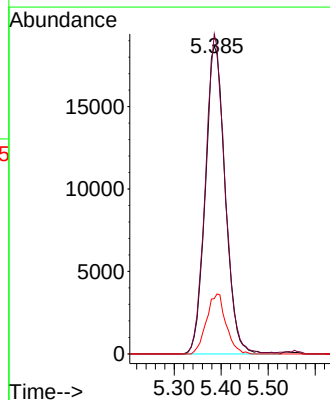
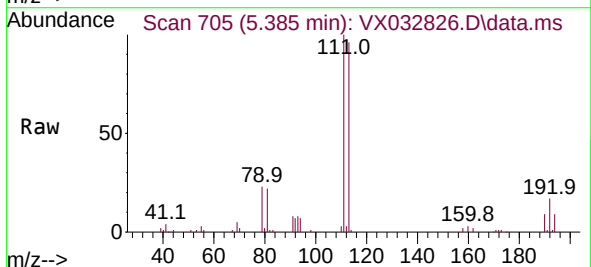
Instrument :
MSVOA_X
ClientSampleId :
MW-14

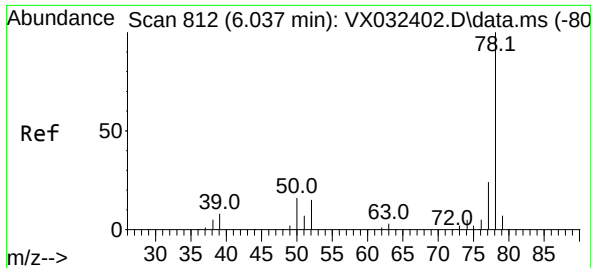
Tgt Ion:114 Resp: 161469
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.6
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.826 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032826.D
Acq: 15 Nov 2022 16:35

Tgt Ion:113 Resp: 55085
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 19.0 15.4 23.2

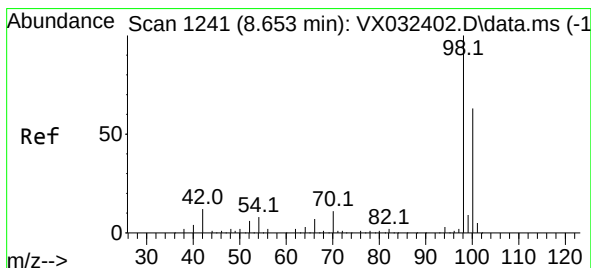
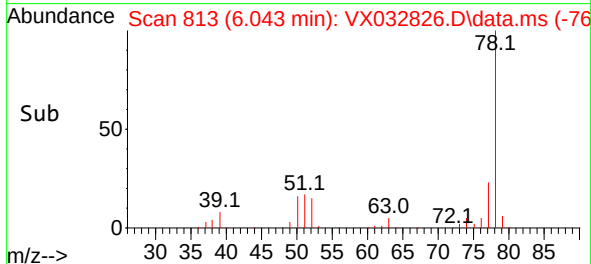
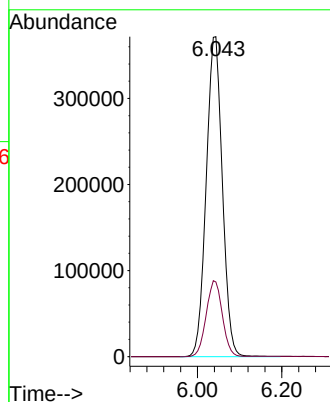
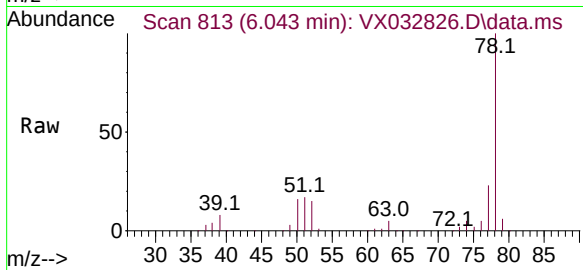




#40
Benzene
Concen: 216.408 ug/l
RT: 6.043 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX032826.D
Acq: 15 Nov 2022 16:35

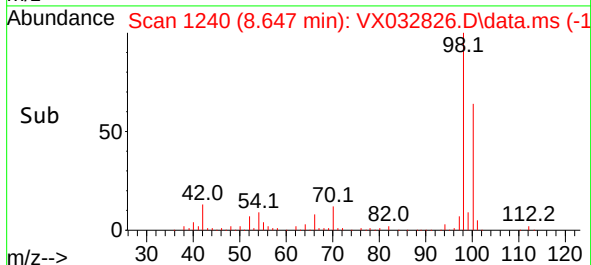
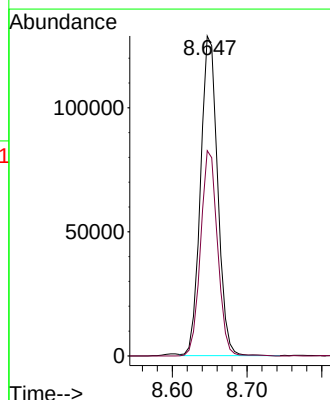
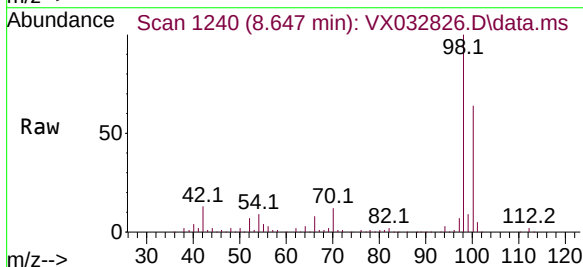
Instrument :
MSVOA_X
ClientSampleId :
MW-14

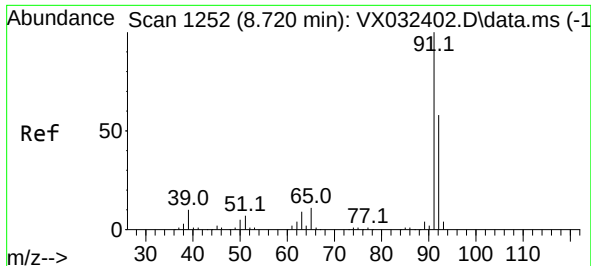
Tgt Ion: 78 Resp: 982223
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4



#50
Toluene-d8
Concen: 50.943 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032826.D
Acq: 15 Nov 2022 16:35

Tgt Ion: 98 Resp: 204025
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

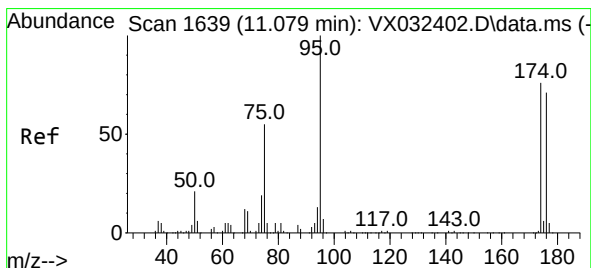
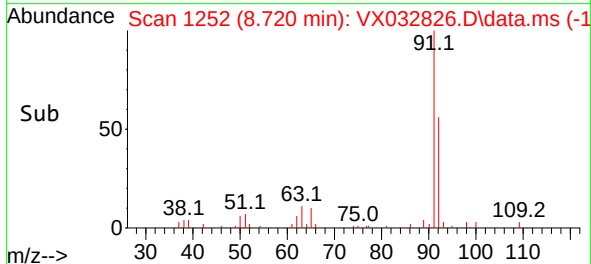
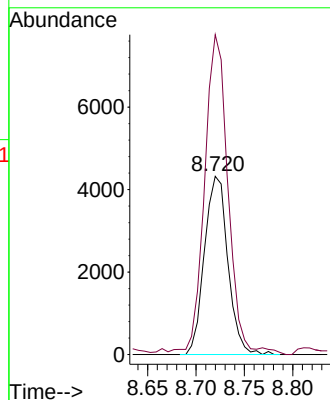
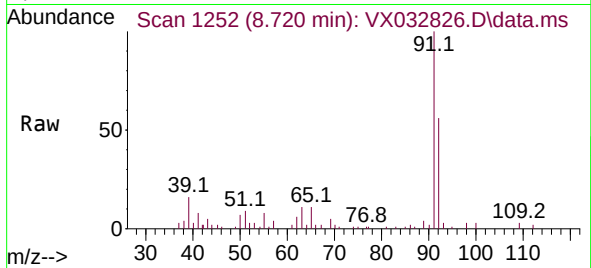




#52
Toluene
Concen: 2.460 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032826.D
Acq: 15 Nov 2022 16:35

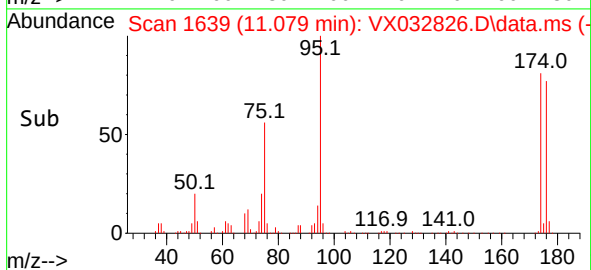
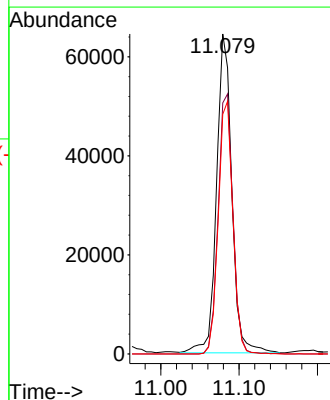
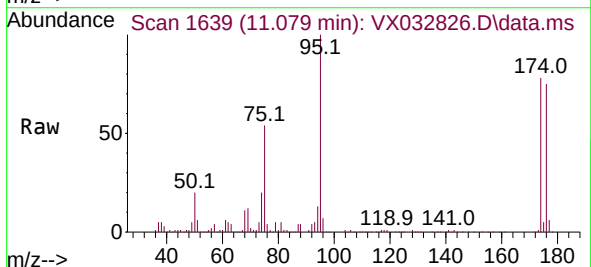
Instrument :
MSVOA_X
ClientSampleId :
MW-14

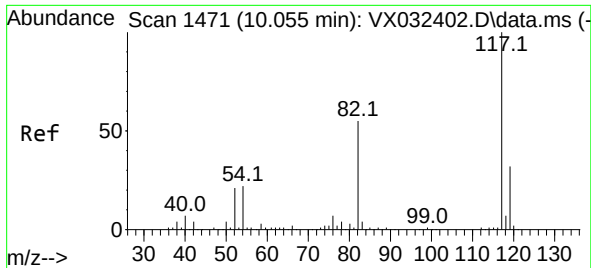
Tgt Ion: 92 Resp: 7286
Ion Ratio Lower Upper
92 100
91 172.8 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 55.675 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032826.D
Acq: 15 Nov 2022 16:35

Tgt Ion: 95 Resp: 87100
Ion Ratio Lower Upper
95 100
174 78.8 0.0 164.0
176 75.6 0.0 154.4

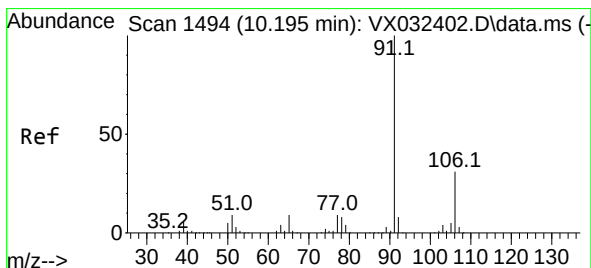
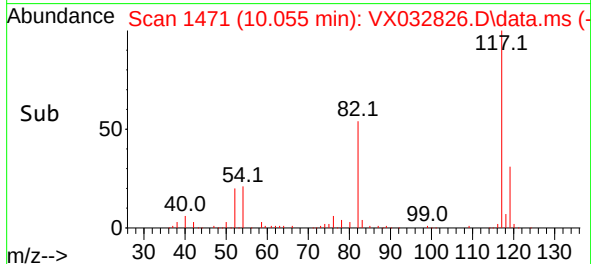
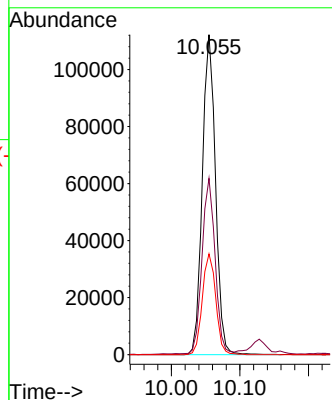
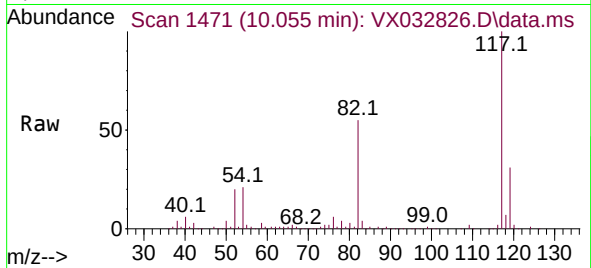




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032826.D
Acq: 15 Nov 2022 16:35

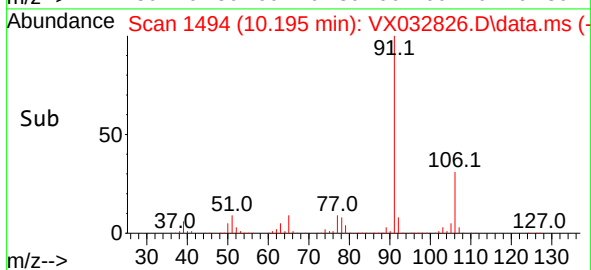
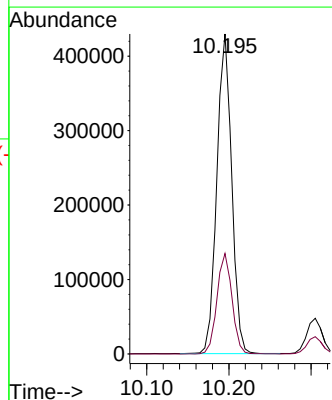
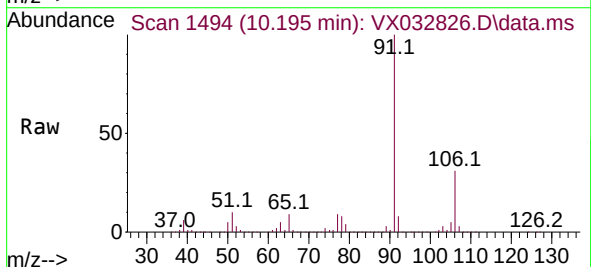
Instrument :
MSVOA_X
ClientSampleId :
MW-14

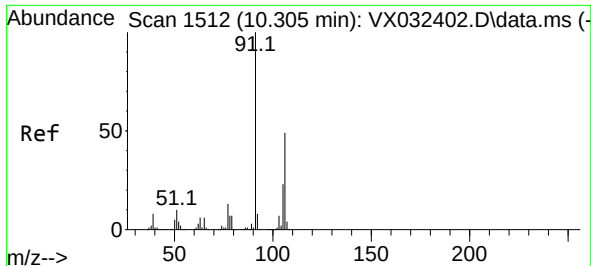
Tgt Ion:117 Resp: 148783
Ion Ratio Lower Upper
117 100
82 54.8 44.3 66.5
119 31.5 25.7 38.5



#67
Ethyl Benzene
Concen: 90.465 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032826.D
Acq: 15 Nov 2022 16:35

Tgt Ion: 91 Resp: 539155
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6

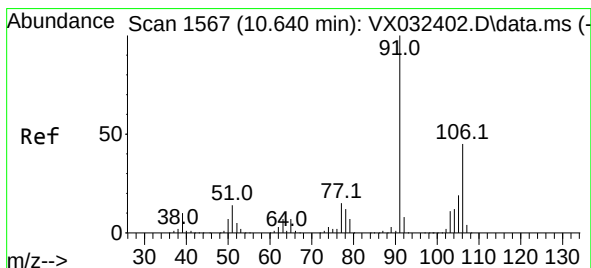
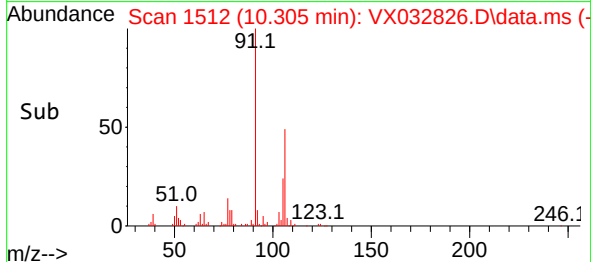
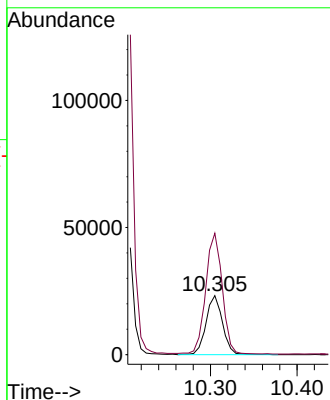
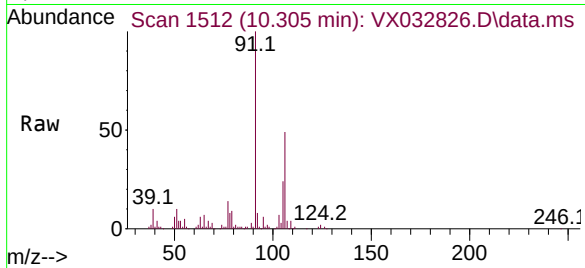




#68
m/p-Xylenes
Concen: 13.161 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032826.D
Acq: 15 Nov 2022 16:35

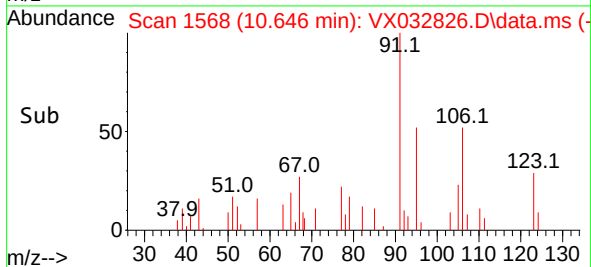
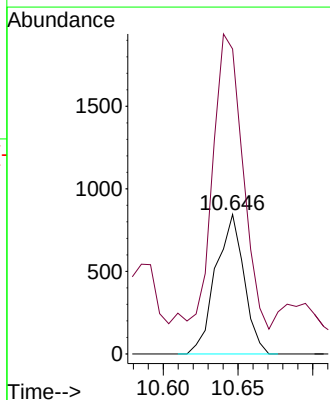
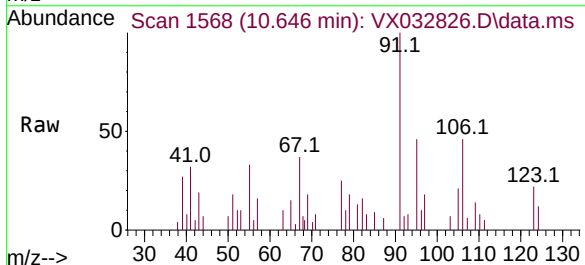
Instrument :
MSVOA_X
ClientSampleId :
MW-14

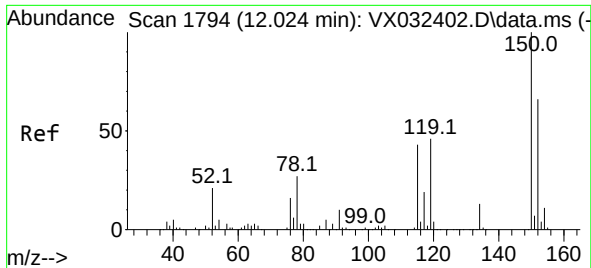
Tgt Ion:106 Resp: 30459
Ion Ratio Lower Upper
106 100
91 207.1 164.5 246.7



#69
o-Xylene
Concen: 0.495 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX032826.D
Acq: 15 Nov 2022 16:35

Tgt Ion:106 Resp: 1114
Ion Ratio Lower Upper
106 100
91 242.2 109.2 327.6

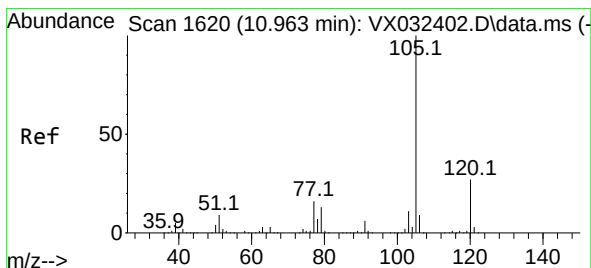
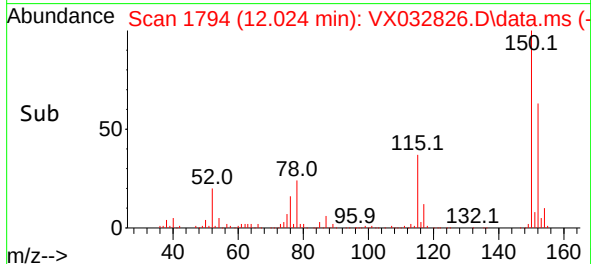
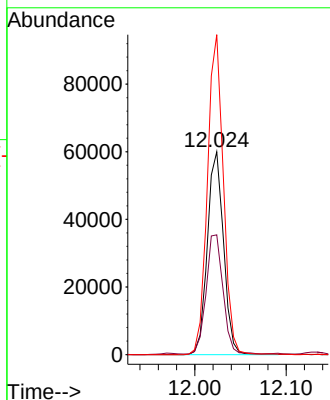
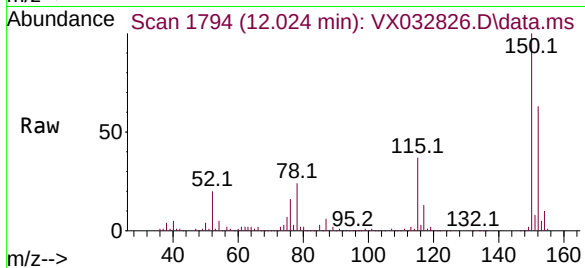




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032826.D
Acq: 15 Nov 2022 16:35

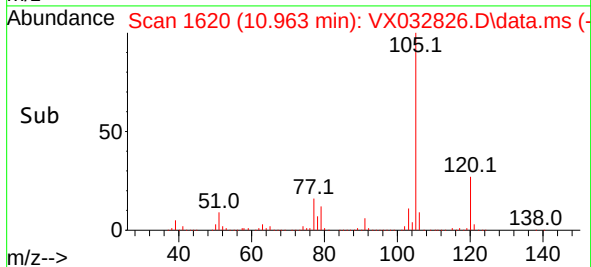
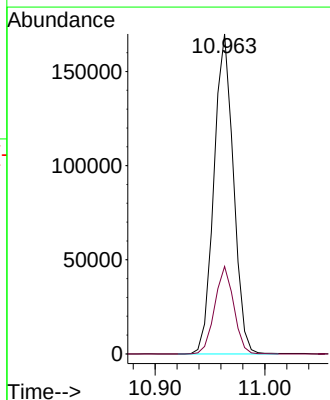
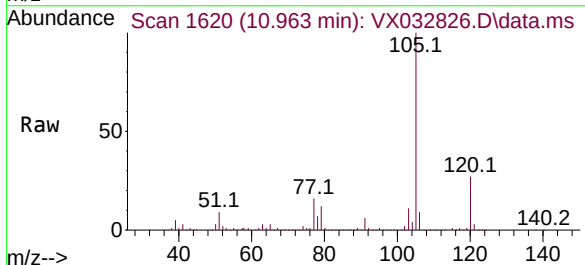
Instrument :
MSVOA_X
ClientSampleId :
MW-14

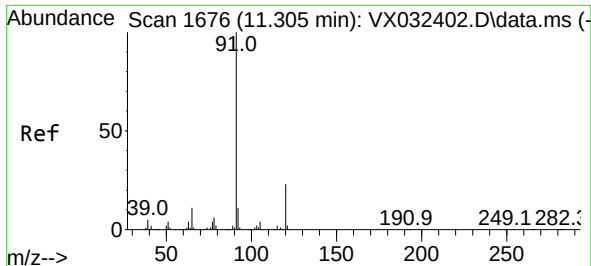
Tgt Ion:152 Resp: 73938
Ion Ratio Lower Upper
152 100
115 61.3 44.0 132.0
150 155.5 0.0 351.8



#73
Isopropylbenzene
Concen: 35.789 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032826.D
Acq: 15 Nov 2022 16:35

Tgt Ion:105 Resp: 209686
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3

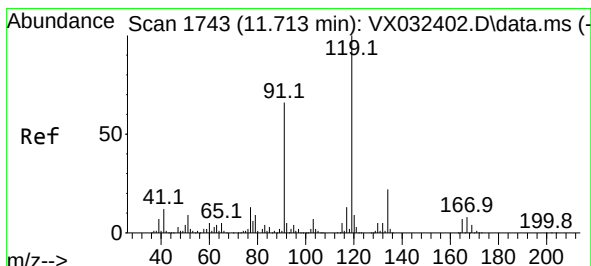
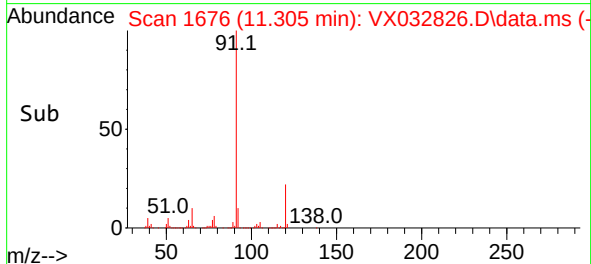
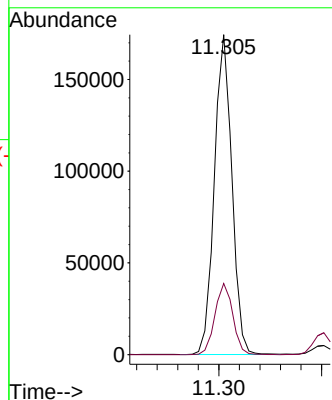
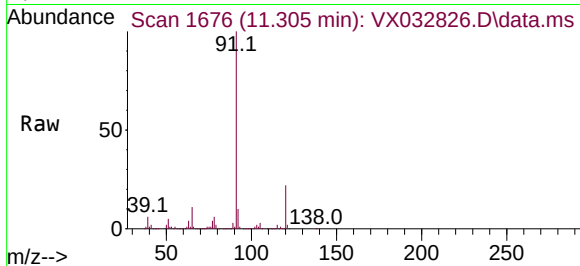




#78
n-propylbenzene
Concen: 30.620 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032826.D
Acq: 15 Nov 2022 16:35

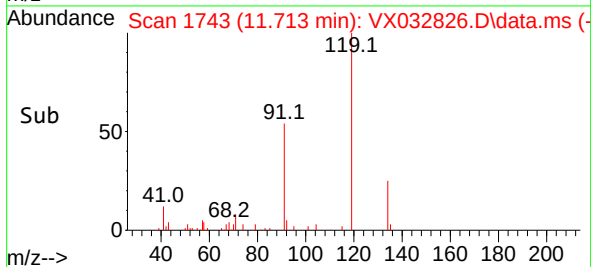
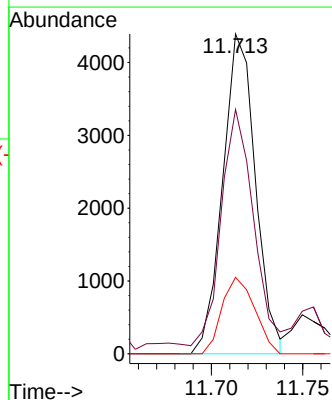
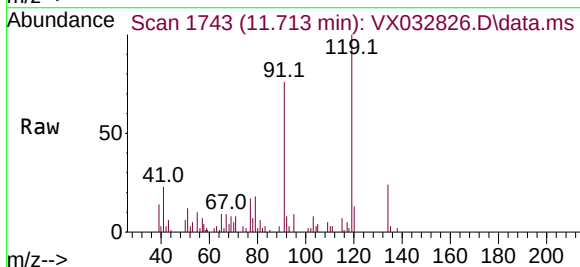
Instrument :
MSVOA_X
ClientSampleId :
MW-14

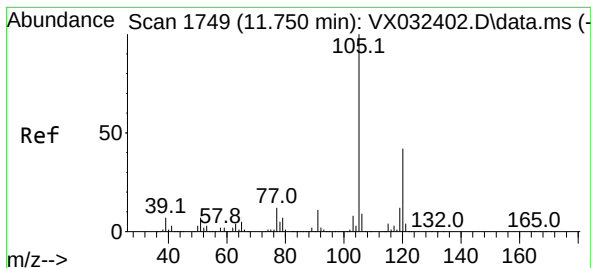
Tgt Ion: 91 Resp: 206697
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.8



#83
tert-Butylbenzene
Concen: 1.097 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX032826.D
Acq: 15 Nov 2022 16:35

Tgt Ion: 119 Resp: 5482
Ion Ratio Lower Upper
119 100
91 70.7 29.4 88.2
134 23.9 11.0 33.0





#84

1,2,4-Trimethylbenzene

Concen: 1.150 ug/l

RT: 11.756 min Scan# 11750

Delta R.T. 0.006 min

Lab File: VX032826.D

Acq: 15 Nov 2022 16:35

Instrument :

MSVOA_X

ClientSampleId :

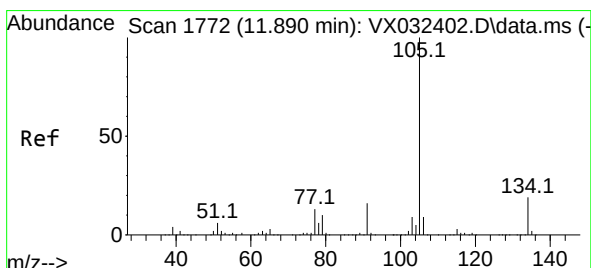
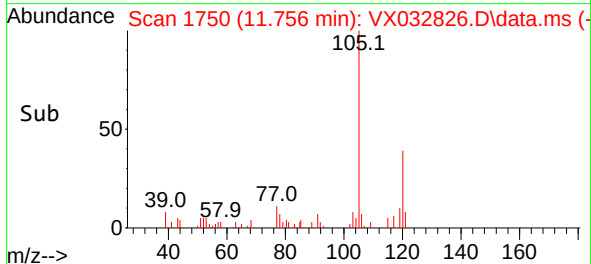
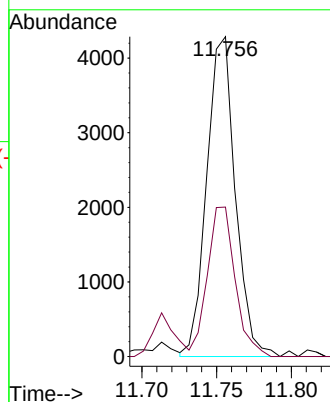
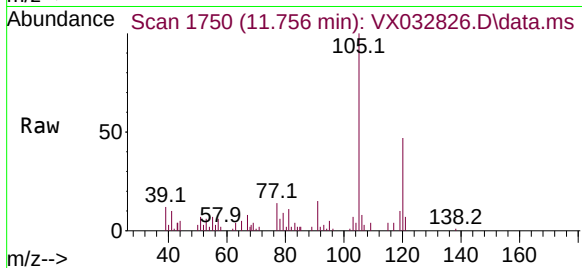
MW-14

Tgt Ion:105 Resp: 5725

Ion Ratio Lower Upper

105 100

120 45.3 21.9 65.5



#85

sec-Butylbenzene

Concen: 6.292 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX032826.D

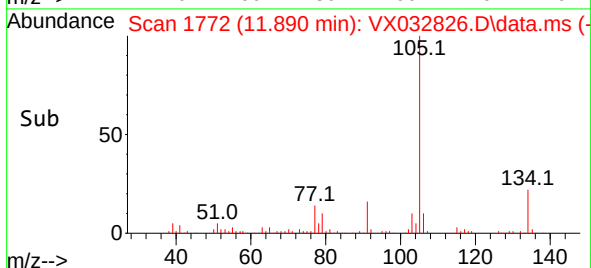
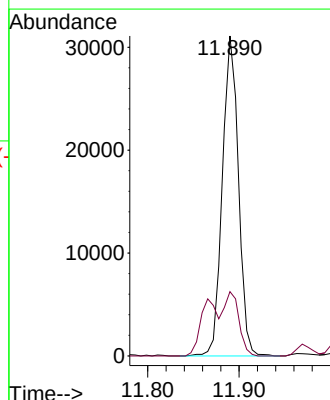
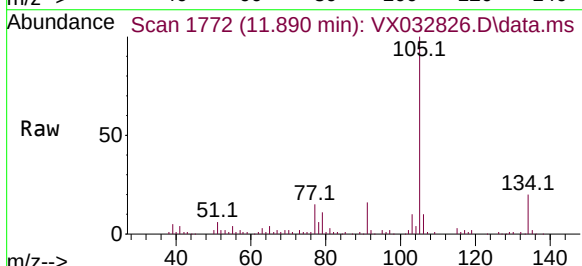
Acq: 15 Nov 2022 16:35

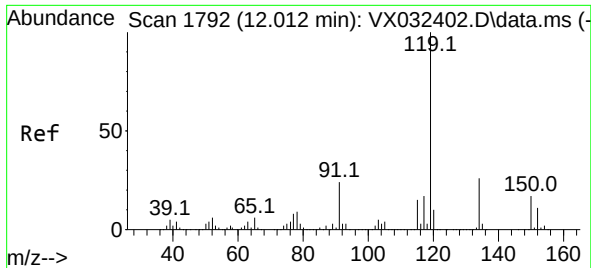
Tgt Ion:105 Resp: 37850

Ion Ratio Lower Upper

105 100

134 18.9 9.9 29.7

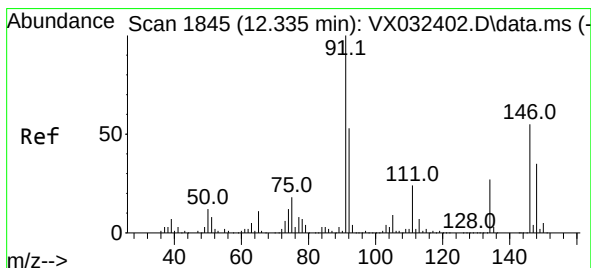
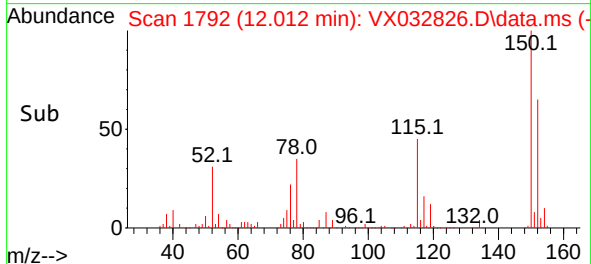
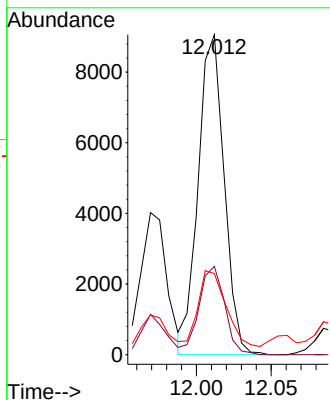
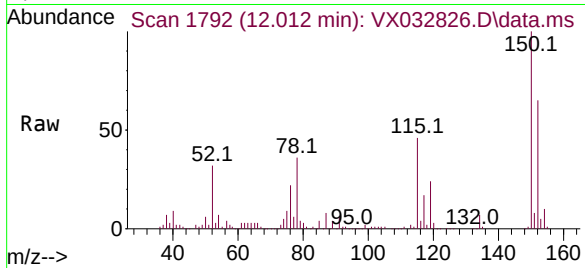




#86
p-Isopropyltoluene
Concen: 2.147 ug/l
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX032826.D
Acq: 15 Nov 2022 16:35

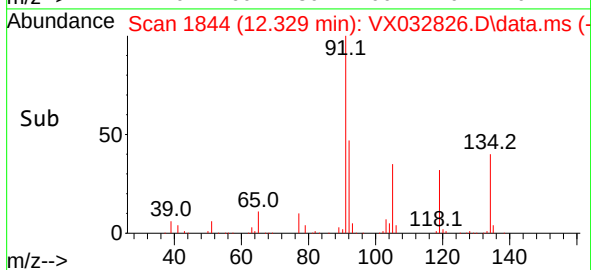
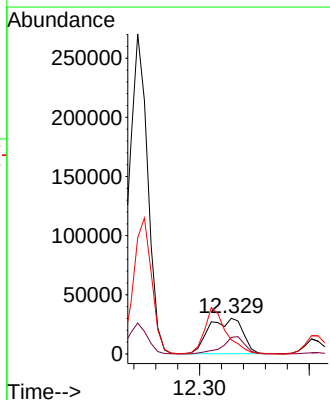
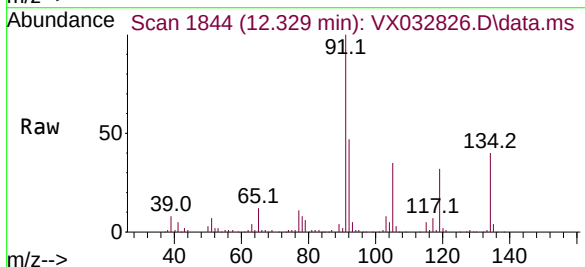
Instrument :
MSVOA_X
ClientSampleId :
MW-14

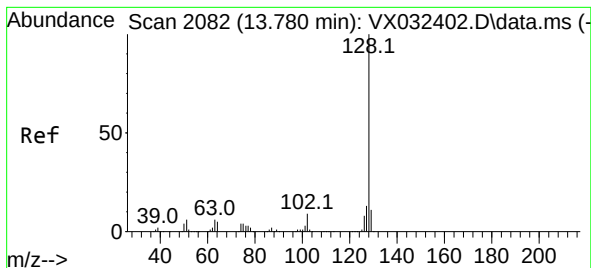
Tgt Ion:119 Resp: 10961
Ion Ratio Lower Upper
119 100
134 0.0 12.9 38.7#
91 0.0 12.5 37.5#



#89
n-Butylbenzene
Concen: 14.406 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX032826.D
Acq: 15 Nov 2022 16:35

Tgt Ion: 91 Resp: 63971
Ion Ratio Lower Upper
91 100
92 32.0 26.2 78.6
134 0.0 12.9 38.6#





#95

Naphthalene

Concen: 93.641 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX032826.D

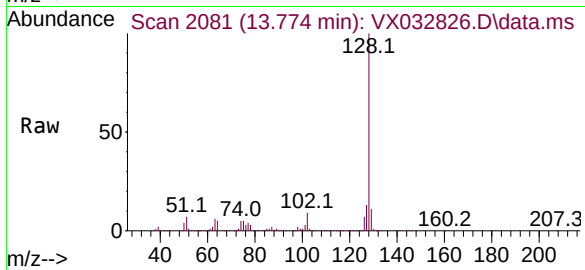
Acq: 15 Nov 2022 16:35

Instrument :

MSVOA_X

ClientSampleId :

MW-14



Tgt Ion:128 Resp: 543545

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.7 8.9 13.3

