

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112922\
 Data File : VX033113.D
 Acq On : 29 Nov 2022 13:24
 Operator : JC/MD
 Sample : N5741-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-35

Quant Time: Nov 30 01:02:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

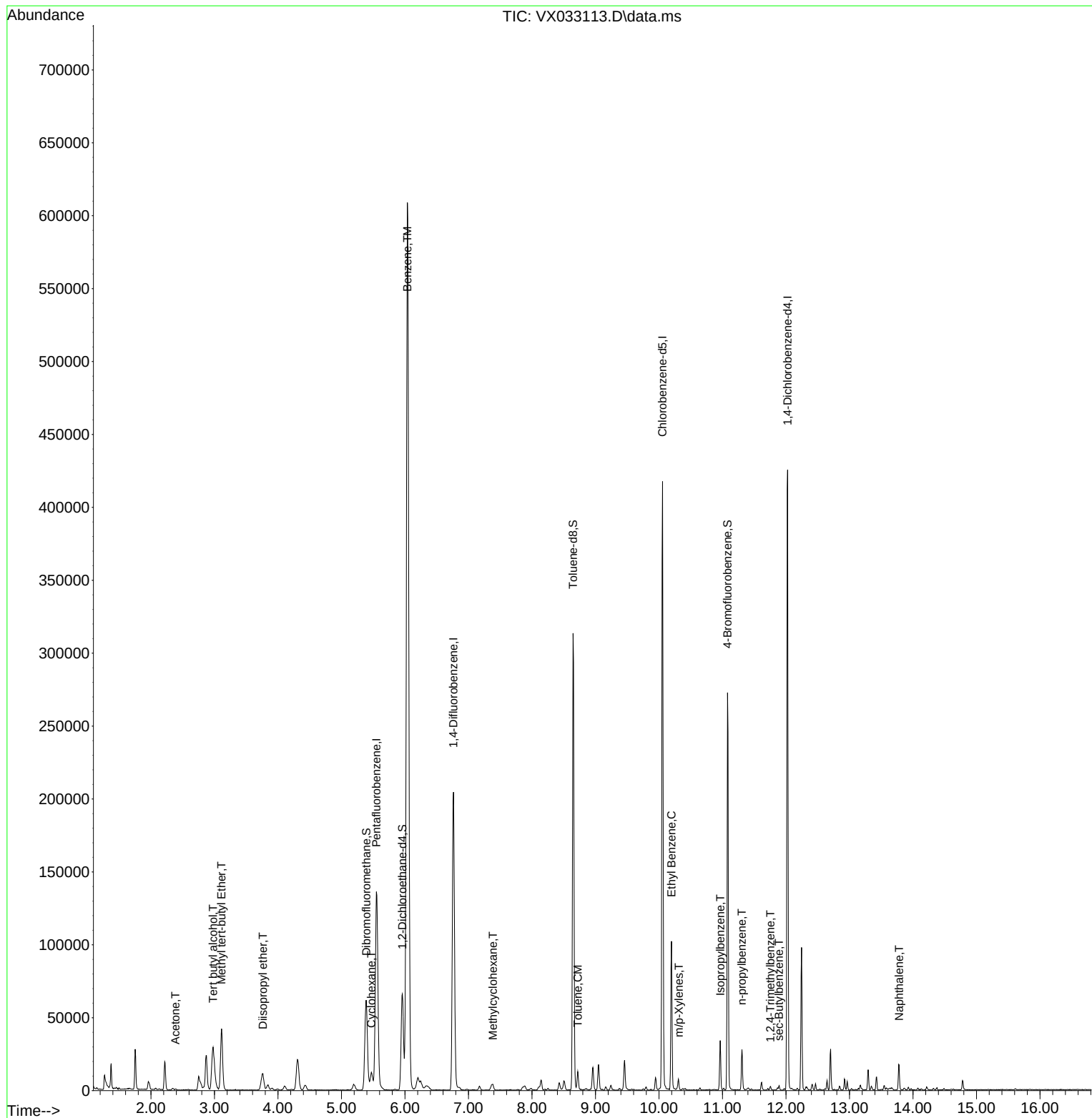
Internal Standards						
1) Pentafluorobenzene	5.550	168	129582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209546	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67625	53.635	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.280%	
35) Dibromofluoromethane	5.391	113	53428	45.227	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.460%	
50) Toluene-d8	8.647	98	183958	51.834	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.660%	
62) 4-Bromofluorobenzene	11.079	95	68179	43.935	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	48000	239.950	ug/l	99
16) Acetone	2.386	43	921	1.563	ug/l #	82
19) Methyl tert-butyl Ether	3.111	73	41910	10.686	ug/l #	89
22) Diisopropyl ether	3.764	45	11478	2.887	ug/l #	81
31) Cyclohexane	5.471	56	7516	3.676	ug/l	96
39) Methylcyclohexane	7.385	83	1709	0.793	ug/l	87
40) Benzene	6.038	78	724321	136.765	ug/l	100
52) Toluene	8.720	92	4405	1.264	ug/l	97
67) Ethyl Benzene	10.195	91	57893	8.800	ug/l	98
68) m/p-Xylenes	10.311	106	1690	0.656	ug/l	96
73) Isopropylbenzene	10.964	105	16792	2.666	ug/l	99
78) n-propylbenzene	11.305	91	17525	2.434	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	1460	0.277	ug/l	99
85) sec-Butylbenzene	11.890	105	1679	0.266	ug/l #	58
95) Naphthalene	13.780	128	11471	2.035	ug/l	98

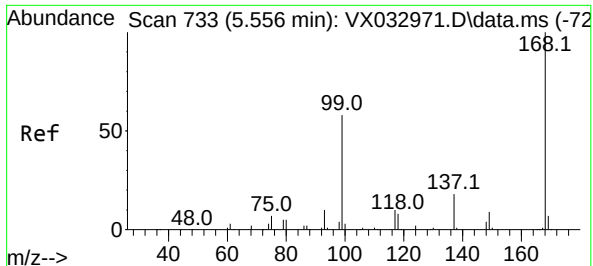
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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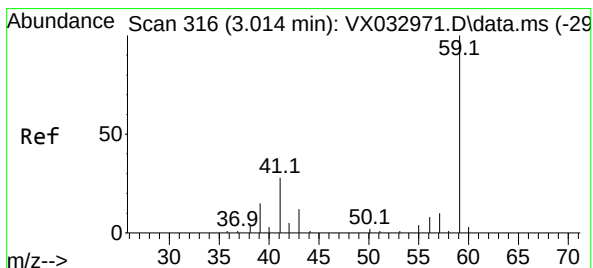
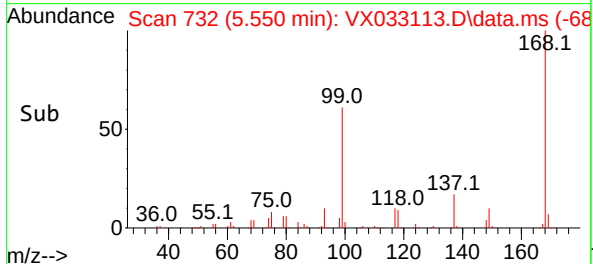
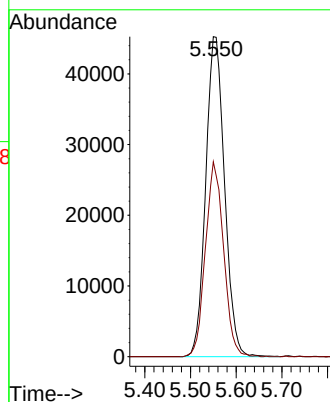
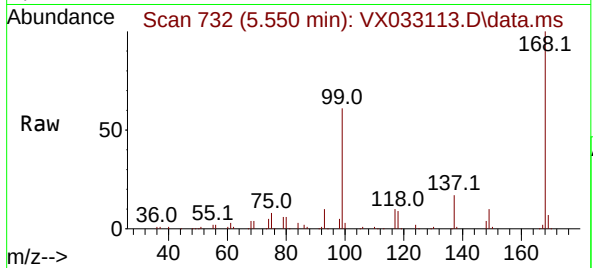




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033113.D
Acq: 29 Nov 2022 13:24

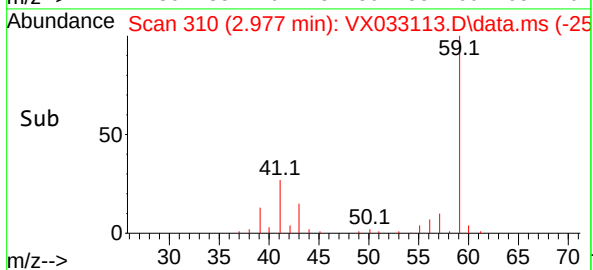
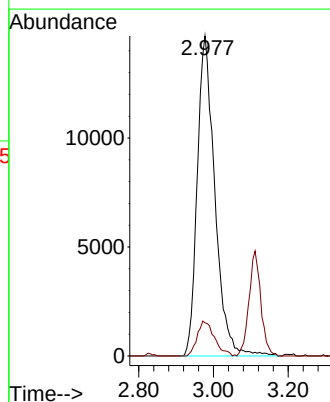
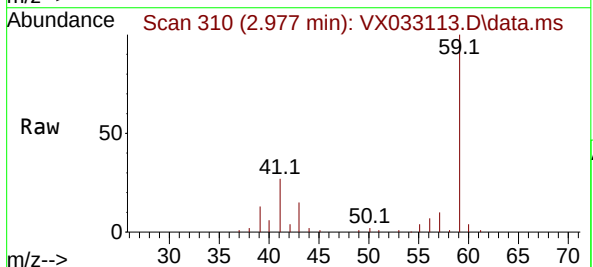
Instrument :
MSVOA_X
ClientSampleId :
MW-35

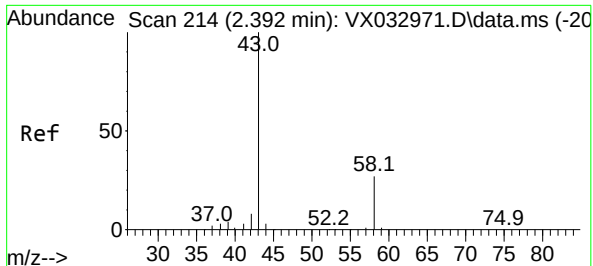
Tgt Ion:168 Resp: 129582
Ion Ratio Lower Upper
168 100
99 60.9 46.1 69.1



#11
Tert butyl alcohol
Concen: 239.950 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.012 min
Lab File: VX033113.D
Acq: 29 Nov 2022 13:24

Tgt Ion: 59 Resp: 48000
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

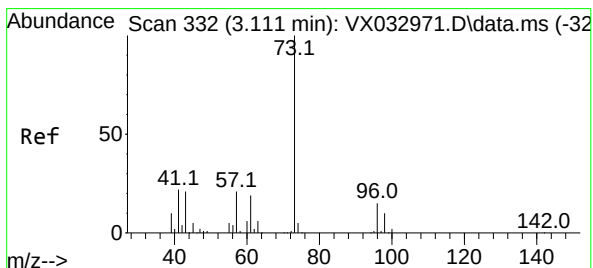
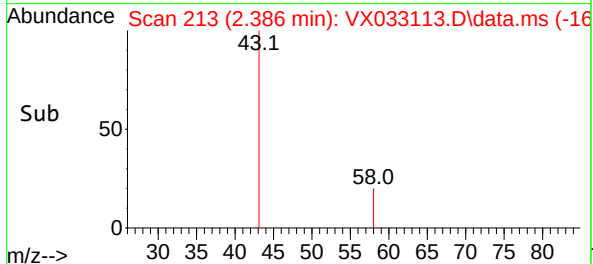
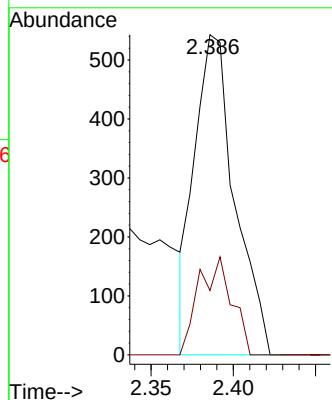
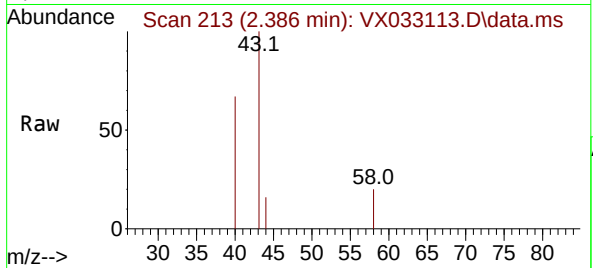




#16
Acetone
Concen: 1.563 ug/l
RT: 2.386 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX033113.D
Acq: 29 Nov 2022 13:24

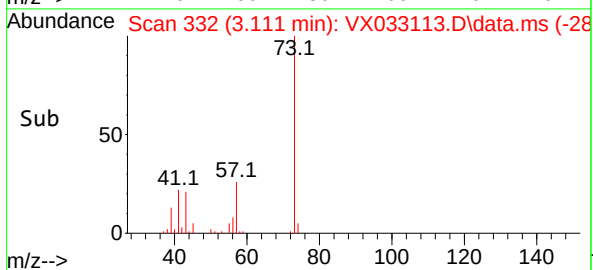
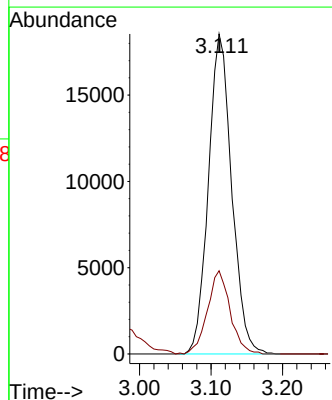
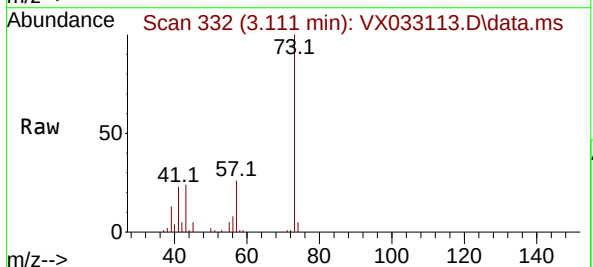
Instrument :
MSVOA_X
ClientSampleId :
MW-35

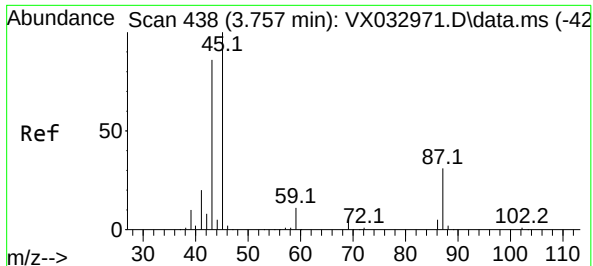
Tgt Ion: 43 Resp: 921
Ion Ratio Lower Upper
43 100
58 20.1 23.8 35.8#



#19
Methyl tert-butyl Ether
Concen: 10.686 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033113.D
Acq: 29 Nov 2022 13:24

Tgt Ion: 73 Resp: 41910
Ion Ratio Lower Upper
73 100
57 26.0 16.6 25.0#

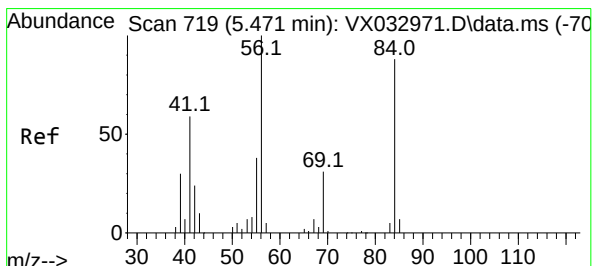
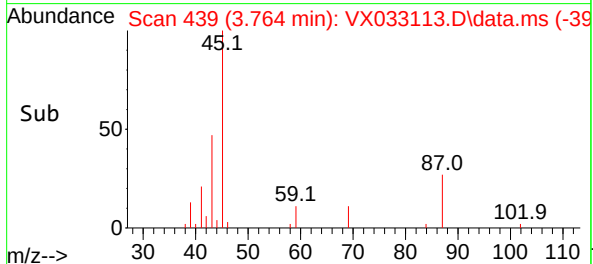
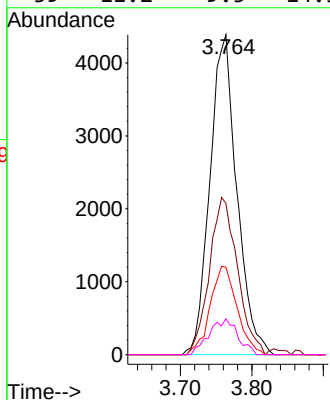
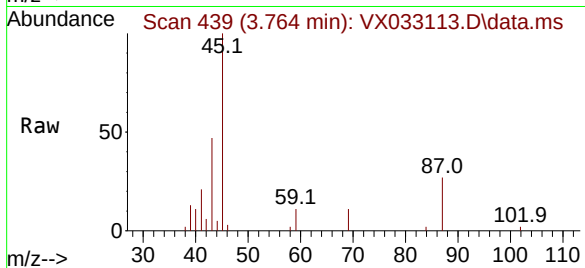




#22
Diisopropyl ether
Concen: 2.887 ug/l
RT: 3.764 min Scan# 41
Delta R.T. 0.001 min
Lab File: VX033113.D
Acq: 29 Nov 2022 13:24

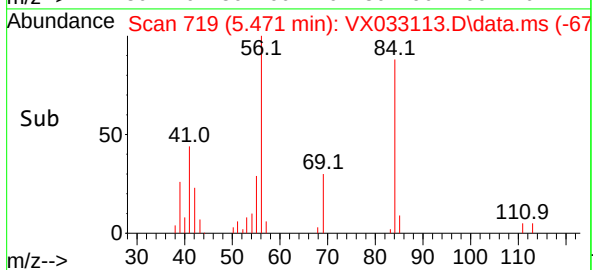
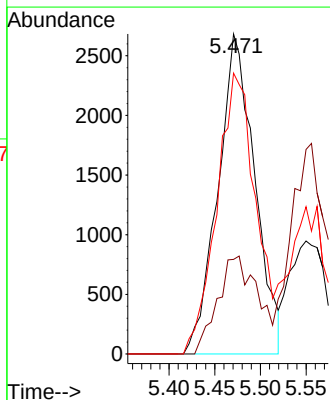
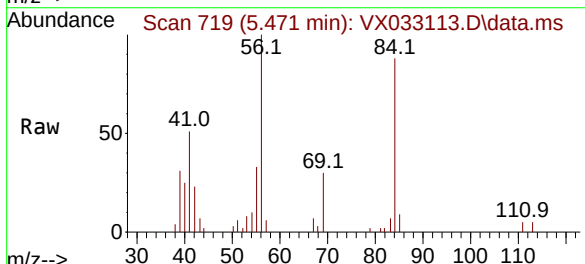
Instrument :
MSVOA_X
ClientSampleId :
MW-35

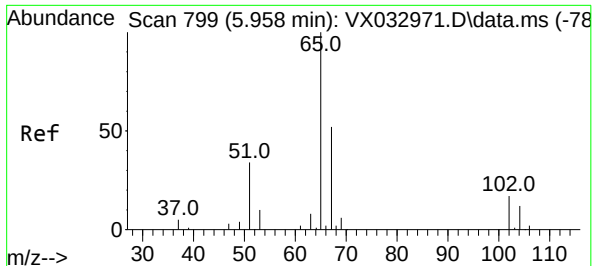
Tgt Ion:	45	Resp:	11478
Ion	Ratio	Lower	Upper
45	100		
43	47.3	56.4	84.6#
87	27.3	24.4	36.6
59	11.2	9.5	14.3



#31
Cyclohexane
Concen: 3.676 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX033113.D
Acq: 29 Nov 2022 13:24

Tgt Ion:	56	Resp:	7516
Ion	Ratio	Lower	Upper
56	100		
69	29.6	24.1	36.1
84	87.7	66.9	100.3





#33

1,2-Dichloroethane-d4

Concen: 53.635 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033113.D

Acq: 29 Nov 2022 13:24

Instrument :

MSVOA_X

ClientSampleId :

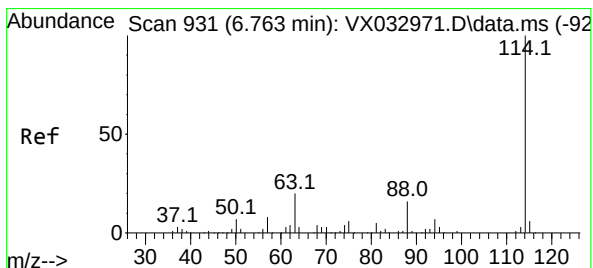
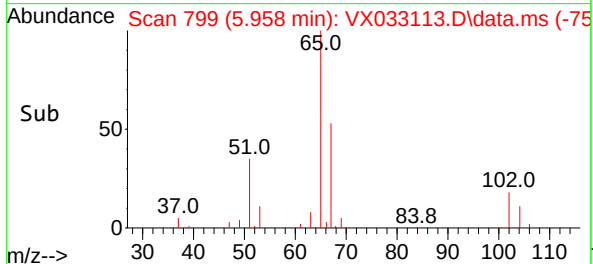
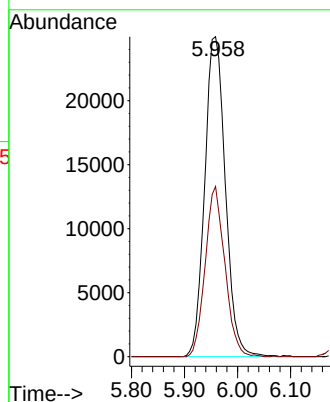
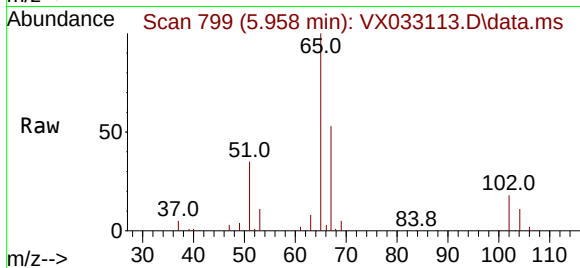
MW-35

Tgt Ion: 65 Resp: 67625

Ion Ratio Lower Upper

65 100

67 50.7 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: VX033113.D

Acq: 29 Nov 2022 13:24

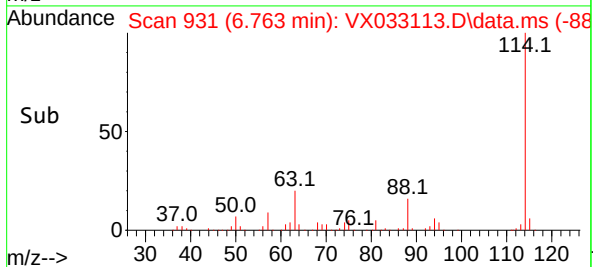
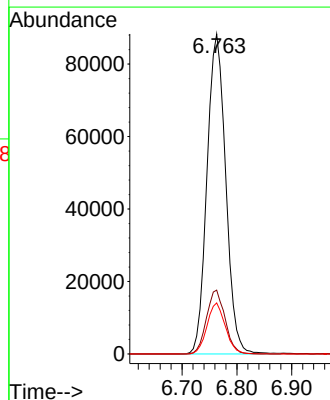
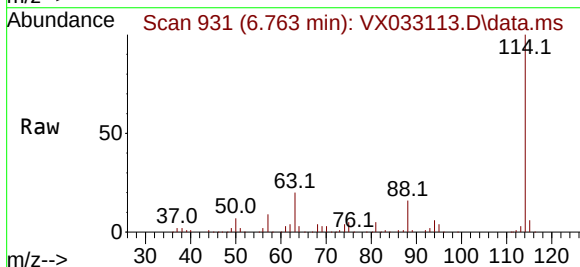
Tgt Ion: 114 Resp: 209546

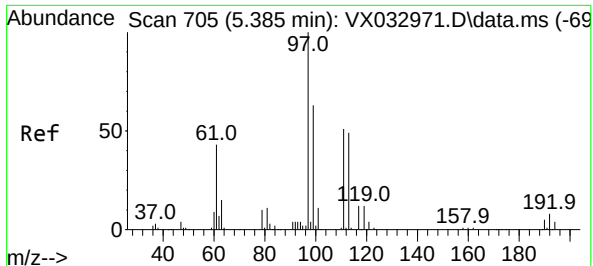
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.6

88 16.0 0.0 33.4

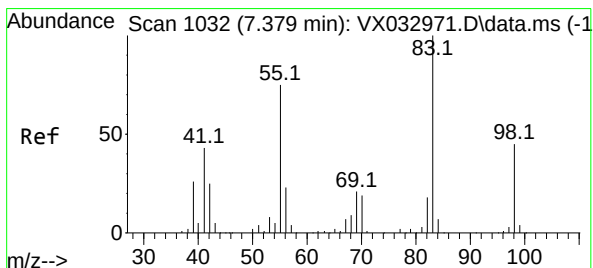
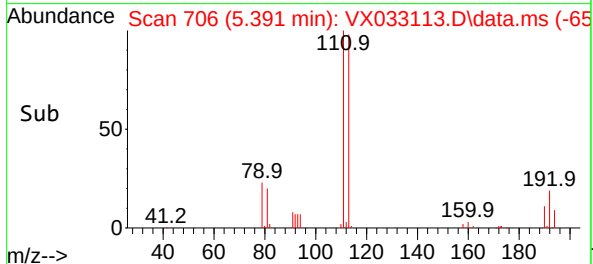
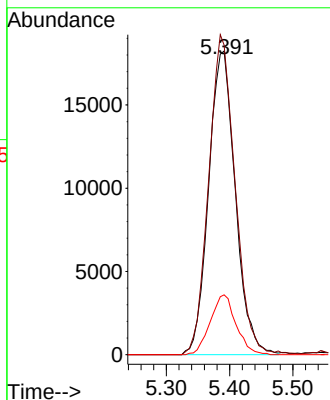
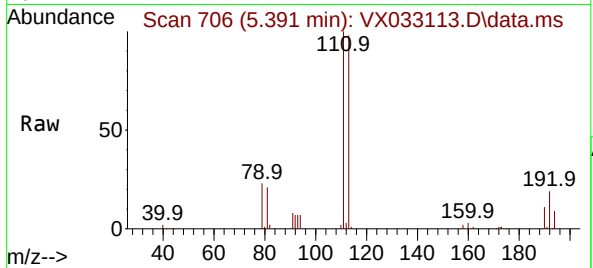




#35
Dibromofluoromethane
Concen: 45.227 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX033113.D
Acq: 29 Nov 2022 13:24

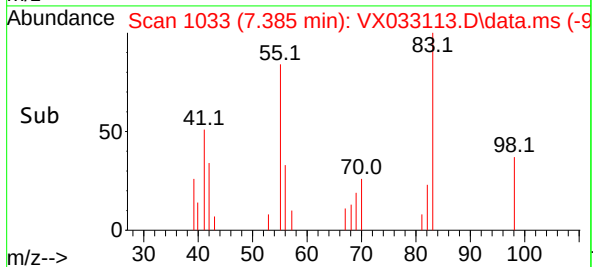
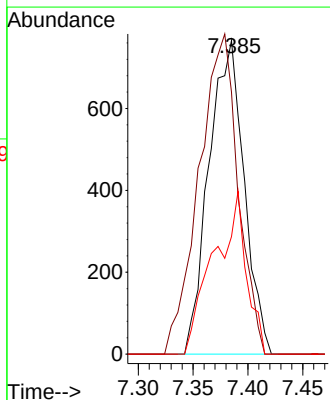
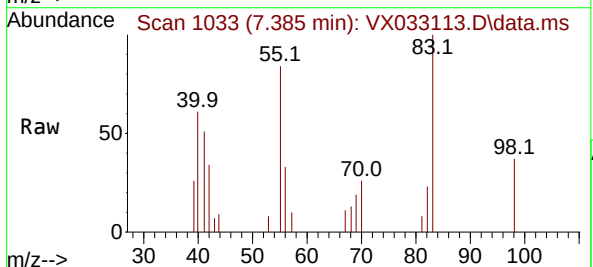
Instrument :
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ClientSampleId :
MW-35

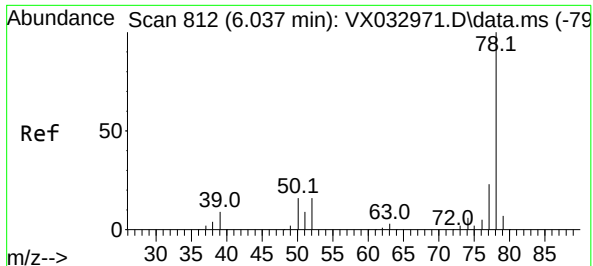
Tgt Ion:113 Resp: 53428
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 19.0 15.4 23.2



#39
Methylcyclohexane
Concen: 0.793 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX033113.D
Acq: 29 Nov 2022 13:24

Tgt Ion: 83 Resp: 1709
Ion Ratio Lower Upper
83 100
55 83.6 58.4 87.6
98 37.5 37.2 55.8

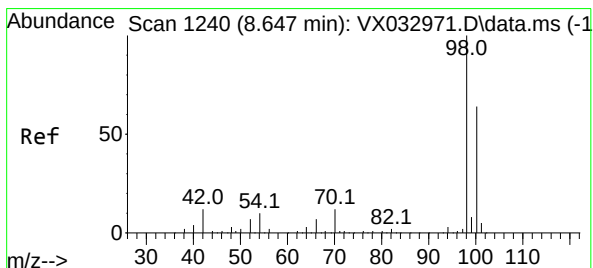
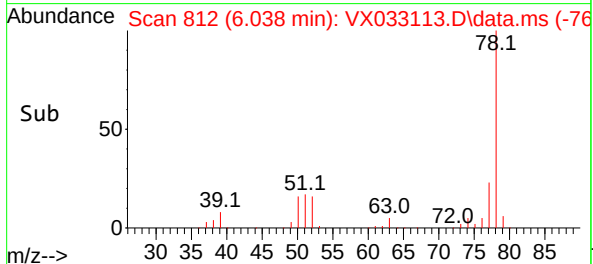
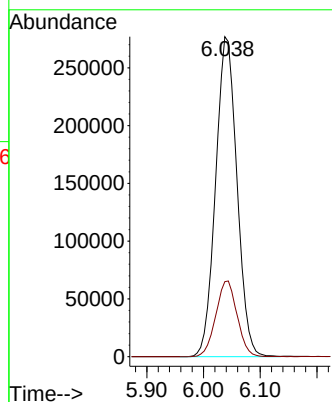
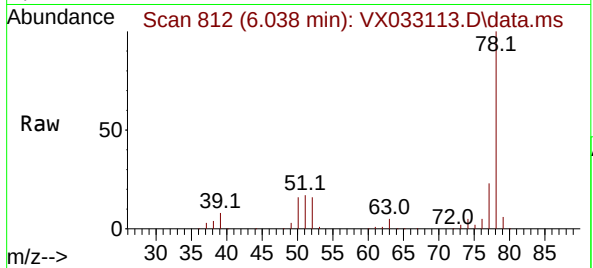




#40
Benzene
Concen: 136.765 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX033113.D
Acq: 29 Nov 2022 13:24

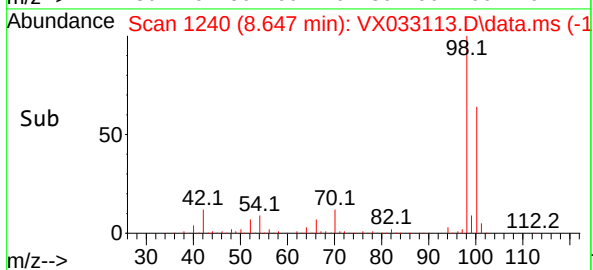
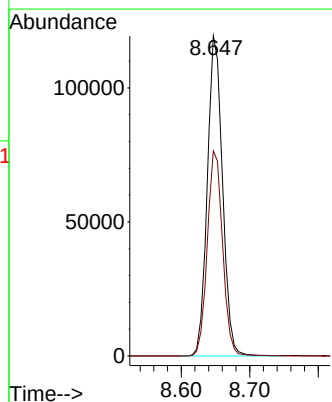
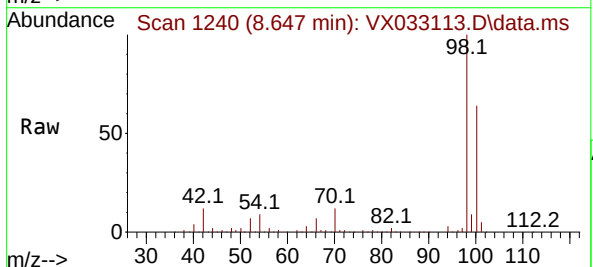
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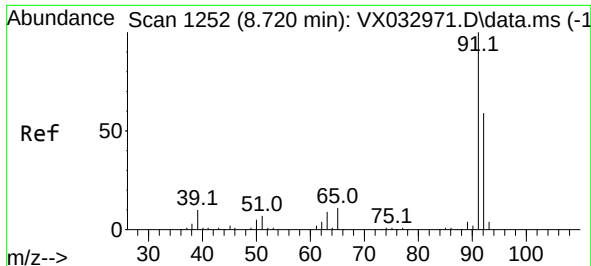
Tgt Ion: 78 Resp: 724321
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4



#50
Toluene-d8
Concen: 51.834 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033113.D
Acq: 29 Nov 2022 13:24

Tgt Ion: 98 Resp: 183958
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3

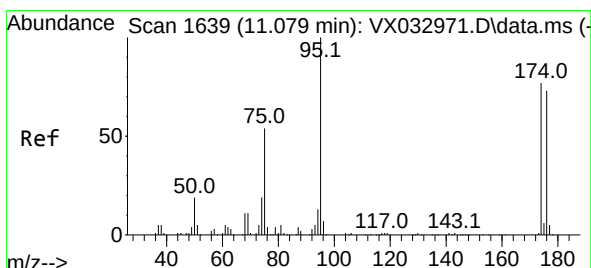
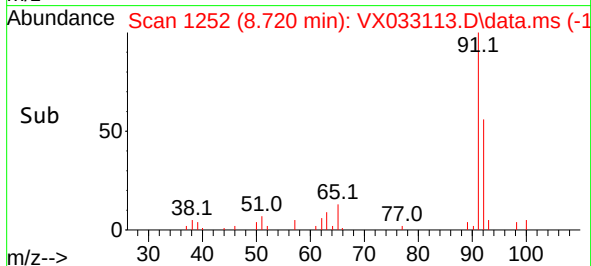
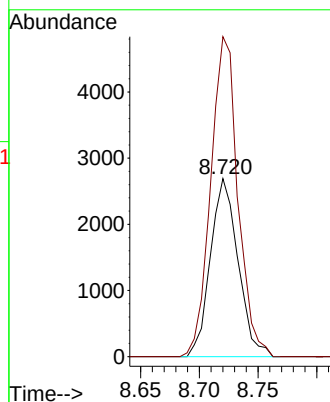
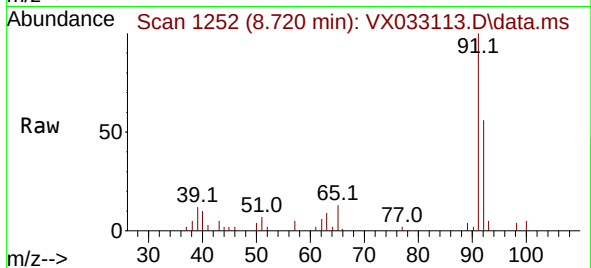




#52
Toluene
Concen: 1.264 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033113.D
Acq: 29 Nov 2022 13:24

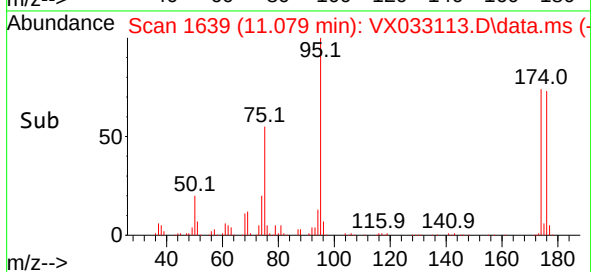
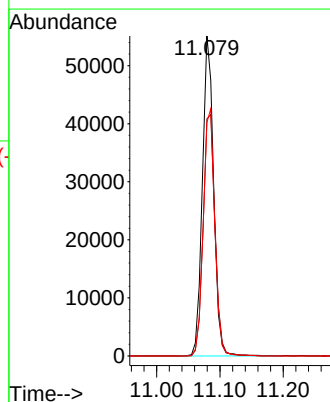
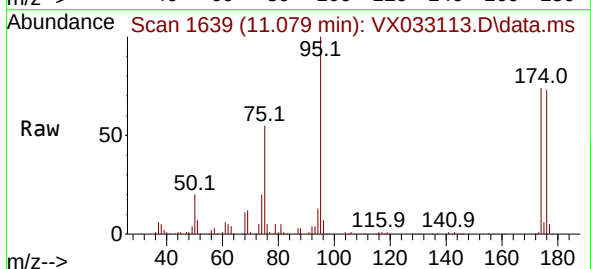
Instrument :
MSVOA_X
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MW-35

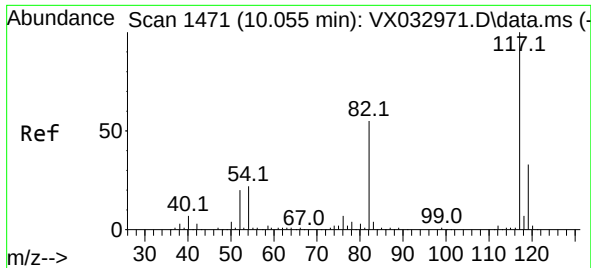
Tgt Ion: 92 Resp: 4405
Ion Ratio Lower Upper
92 100
91 176.8 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 43.935 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033113.D
Acq: 29 Nov 2022 13:24

Tgt Ion: 95 Resp: 68179
Ion Ratio Lower Upper
95 100
174 79.9 0.0 164.0
176 79.2 0.0 154.4

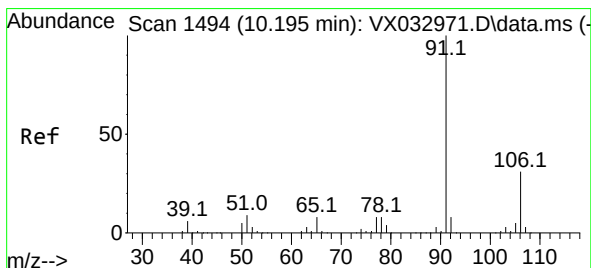
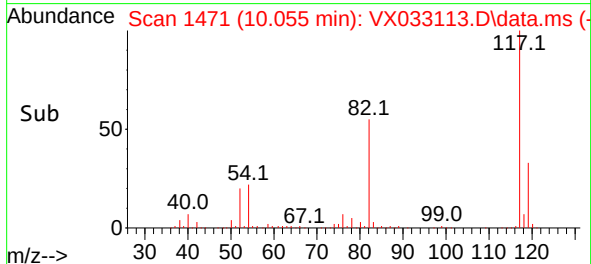
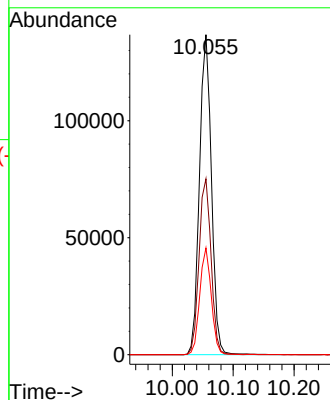
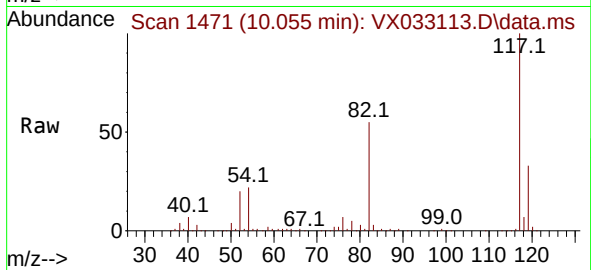




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033113.D
Acq: 29 Nov 2022 13:24

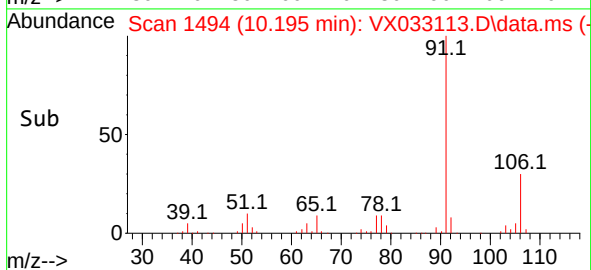
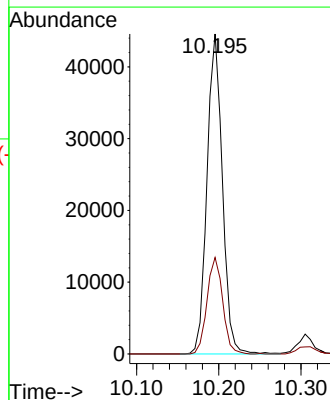
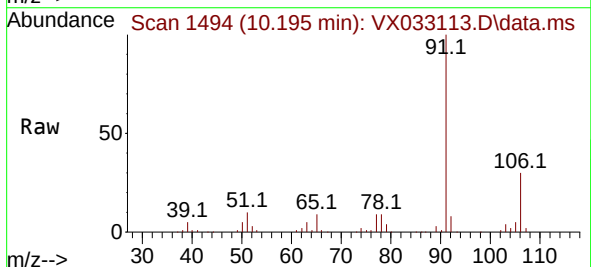
Instrument :
MSVOA_X
ClientSampleId :
MW-35

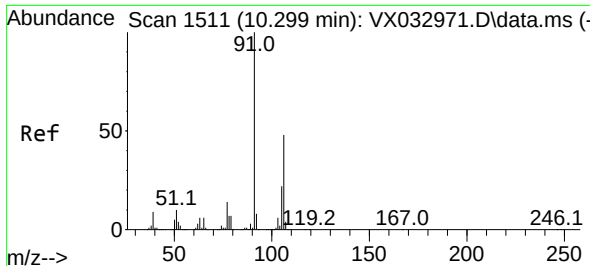
Tgt Ion:117 Resp: 186025
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 33.3 25.7 38.5



#67
Ethyl Benzene
Concen: 8.800 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033113.D
Acq: 29 Nov 2022 13:24

Tgt Ion: 91 Resp: 57893
Ion Ratio Lower Upper
91 100
106 30.1 25.0 37.6

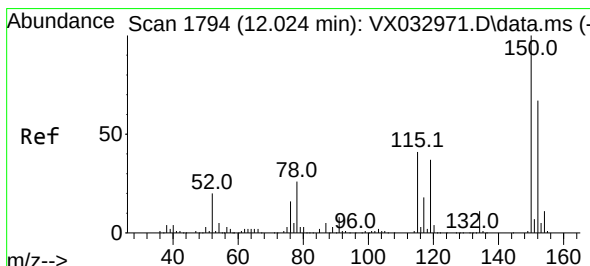
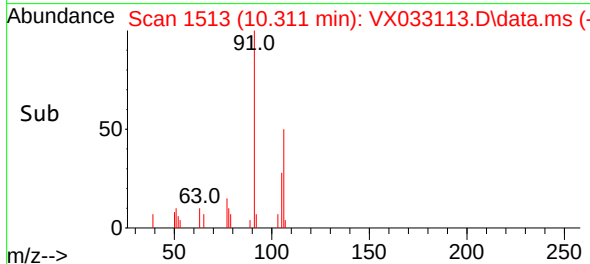
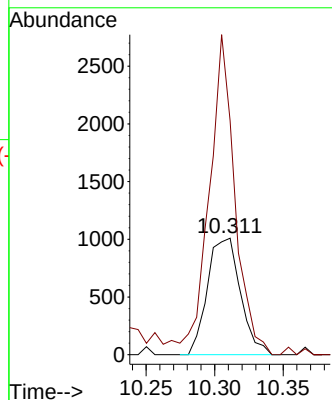
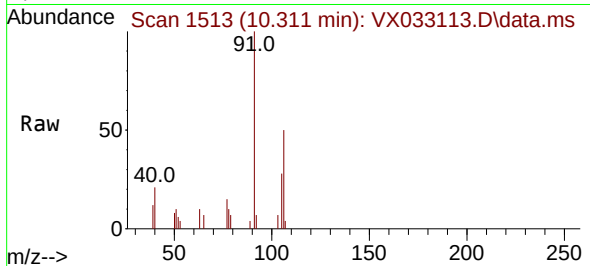




#68
m/p-Xylenes
Concen: 0.656 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VX033113.D
Acq: 29 Nov 2022 13:24

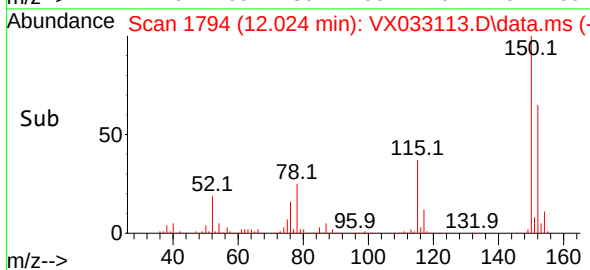
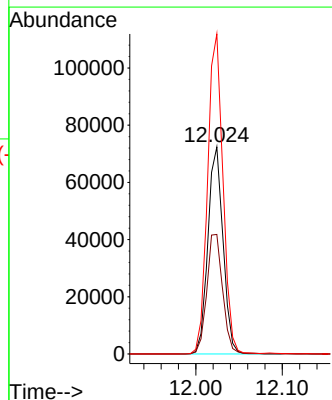
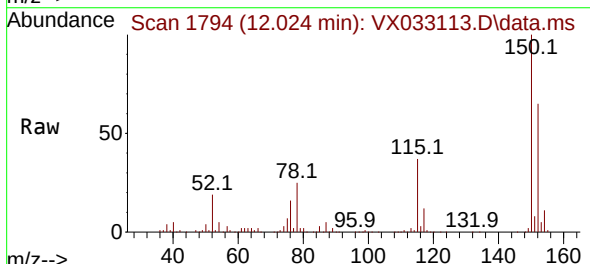
Instrument :
MSVOA_X
ClientSampleId :
MW-35

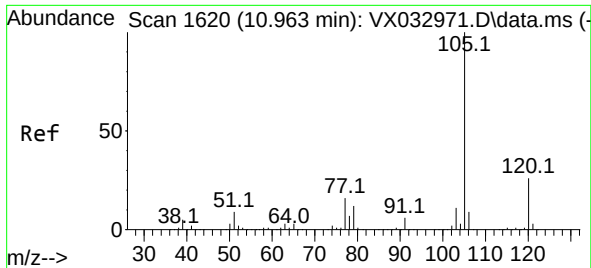
Tgt Ion:106 Resp: 1690
Ion Ratio Lower Upper
106 100
91 211.5 164.5 246.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033113.D
Acq: 29 Nov 2022 13:24

Tgt Ion:152 Resp: 88139
Ion Ratio Lower Upper
152 100
115 60.2 44.0 132.0
150 156.1 0.0 351.8

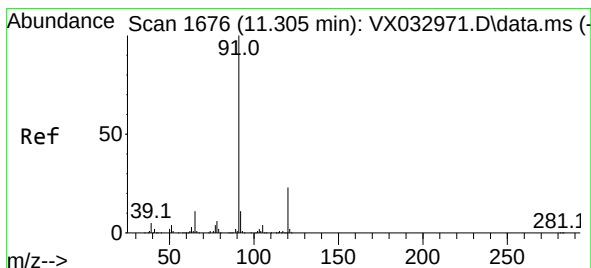
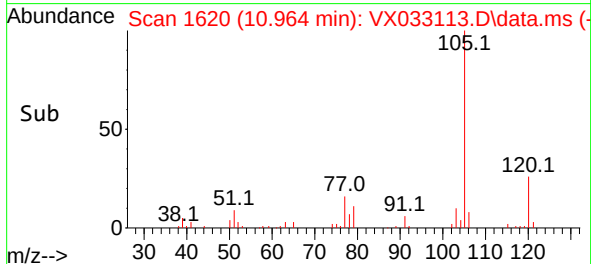
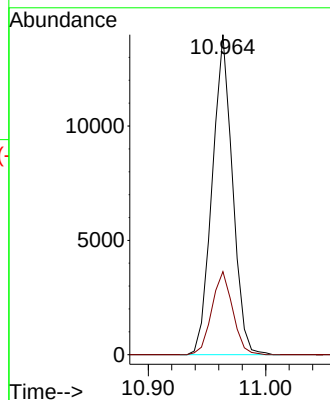
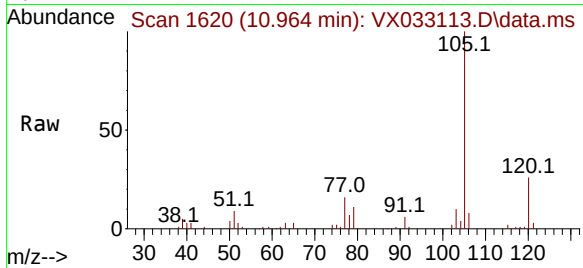




#73
Isopropylbenzene
Concen: 2.666 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX033113.D
Acq: 29 Nov 2022 13:24

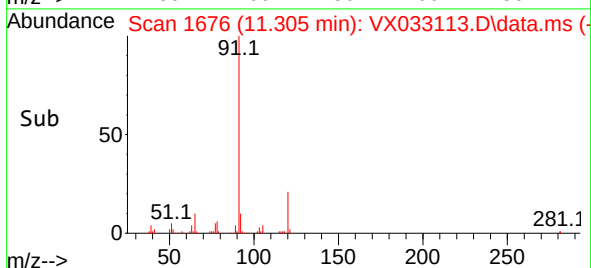
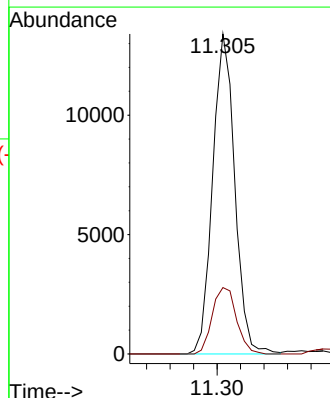
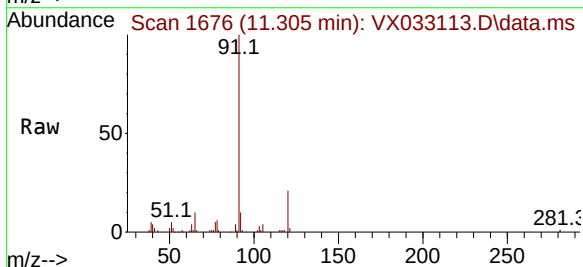
Instrument :
MSVOA_X
ClientSampleId :
MW-35

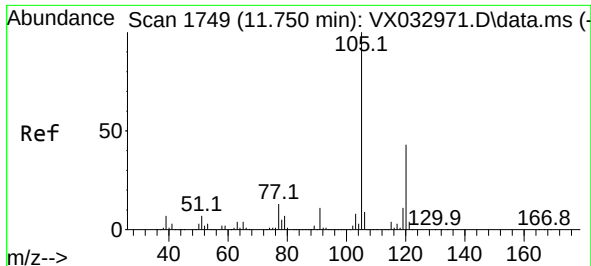
Tgt Ion:105 Resp: 16792
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3



#78
n-propylbenzene
Concen: 2.434 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033113.D
Acq: 29 Nov 2022 13:24

Tgt Ion: 91 Resp: 17525
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.8

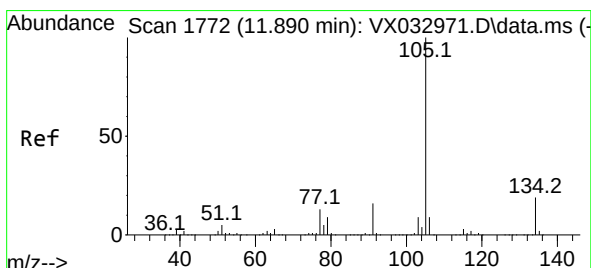
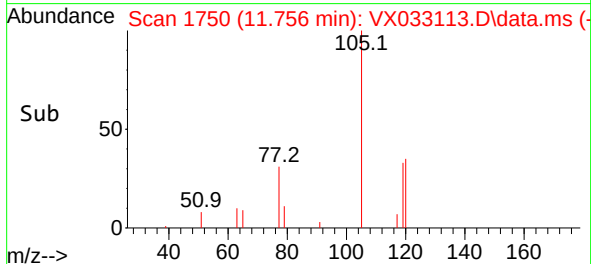
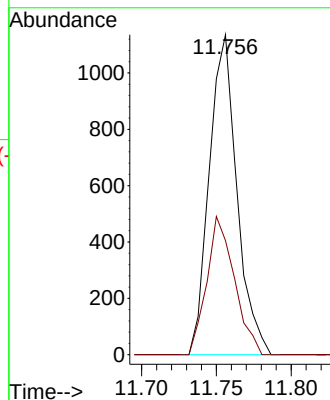
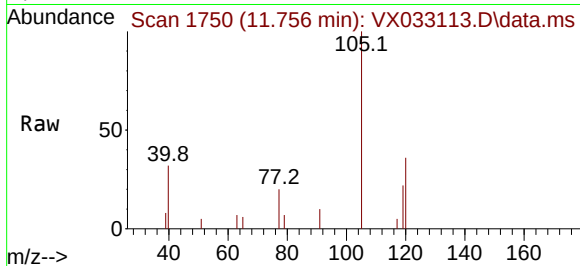




#84
 1,2,4-Trimethylbenzene
 Concen: 0.277 ug/l
 RT: 11.756 min Scan# 1749
 Delta R.T. 0.006 min
 Lab File: VX033113.D
 Acq: 29 Nov 2022 13:24

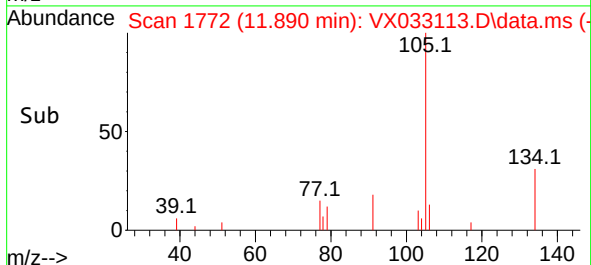
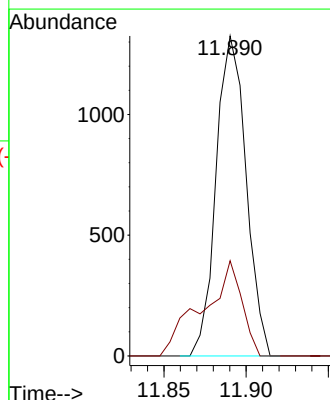
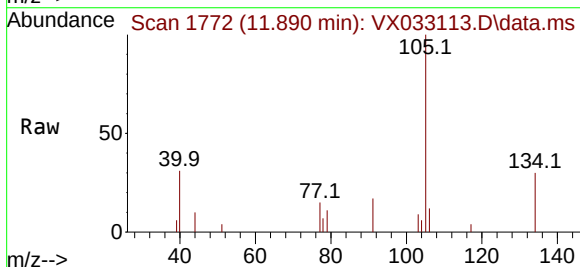
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-35

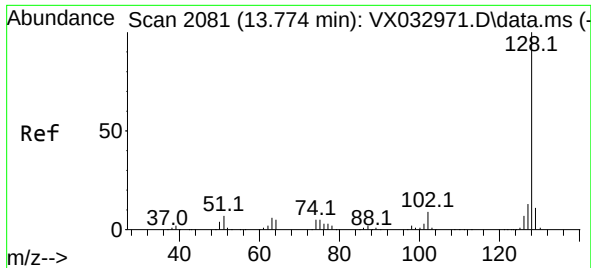
Tgt Ion:105 Resp: 1460
 Ion Ratio Lower Upper
 105 100
 120 43.2 21.9 65.5



#85
 sec-Butylbenzene
 Concen: 0.266 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033113.D
 Acq: 29 Nov 2022 13:24

Tgt Ion:105 Resp: 1679
 Ion Ratio Lower Upper
 105 100
 134 38.8 9.9 29.7#





#95

Naphthalene

Concen: 2.035 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX033113.D

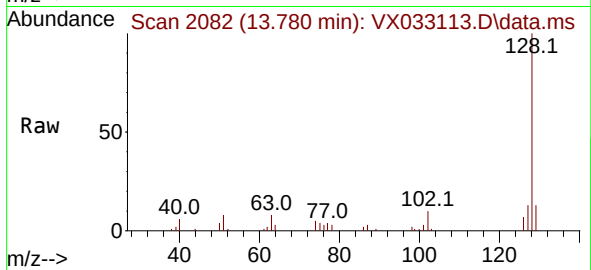
Acq: 29 Nov 2022 13:24

Instrument :

MSVOA_X

ClientSampleId :

MW-35



Tgt Ion:128 Resp: 11471

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.4

129 12.2 8.9 13.3

