

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025449.D
 Acq On : 03 Dec 2021 00:09
 Operator : JC/MD
 Sample : M4917-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-29

Quant Time: Dec 14 04:50:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

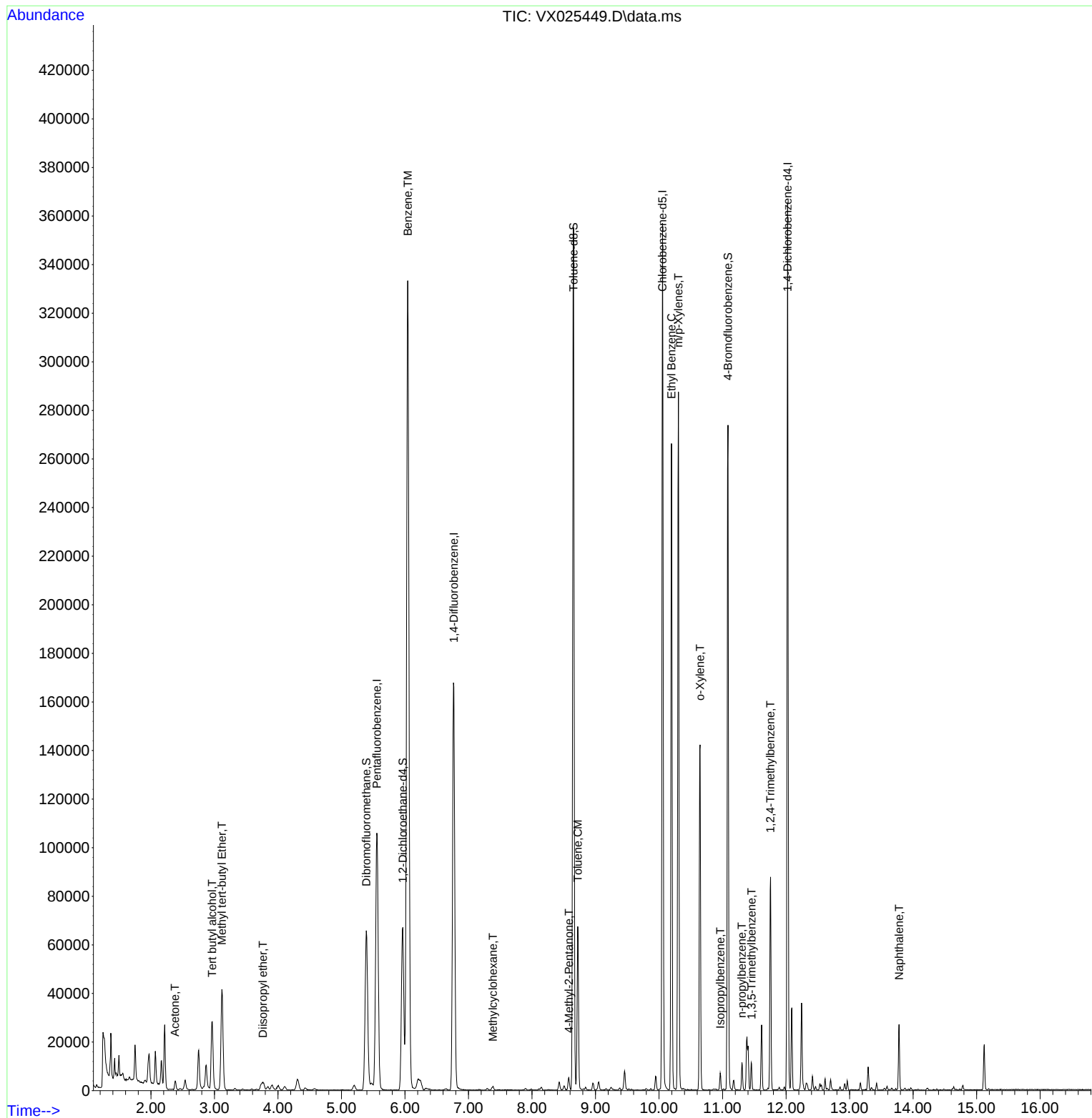
Internal Standards						
1) Pentafluorobenzene	5.556	168	108216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	183673	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75075	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	62852	55.10	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 110.20%		
35) Dibromofluoromethane	5.391	113	56202	49.87	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 99.74%		
50) Toluene-d8	8.653	98	211649	49.95	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 99.90%		
62) 4-Bromofluorobenzene	11.085	95	72582	45.28	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 90.56%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	34451	117.35	ug/l	97
16) Acetone	2.380	43	3844	6.06	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	46472	13.30	ug/l	100
22) Diisopropyl ether	3.763	45	3171	0.92	ug/l #	83
39) Methylcyclohexane	7.385	83	695	0.34	ug/l #	88
40) Benzene	6.044	78	410095	84.48	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	3374	1.77	ug/l	100
52) Toluene	8.720	92	25519	8.05	ug/l	97
67) Ethyl Benzene	10.195	91	149905	26.11	ug/l	97
68) m/p-Xylenes	10.305	106	68638	29.26	ug/l	96
69) o-Xylene	10.646	106	33211	14.47	ug/l	95
73) Isopropylbenzene	10.963	105	3935	0.74	ug/l	97
78) n-propylbenzene	11.305	91	7419	1.24	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	5122	1.14	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	39603	8.91	ug/l	96
95) Naphthalene	13.780	128	16869	2.98	ug/l	99

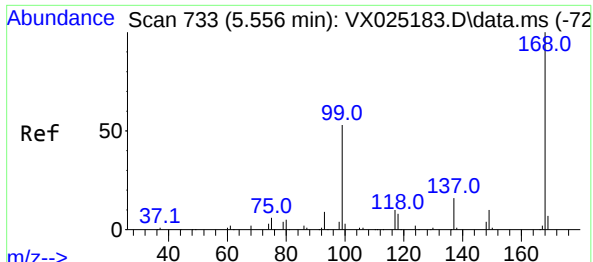
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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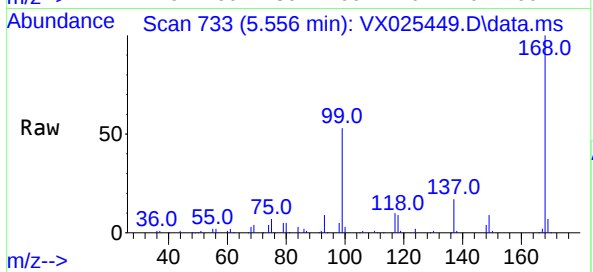
Quant Time: Dec 14 04:50:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
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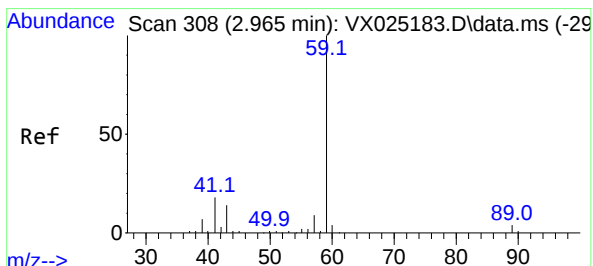
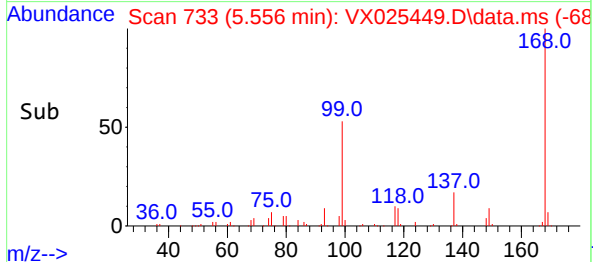
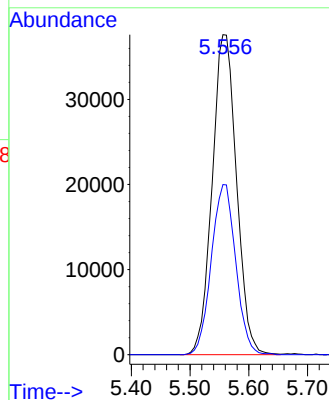


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

Instrument :
MSVOA_X
ClientSampleId :
MW-29

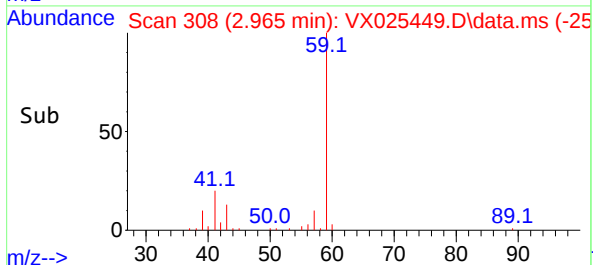
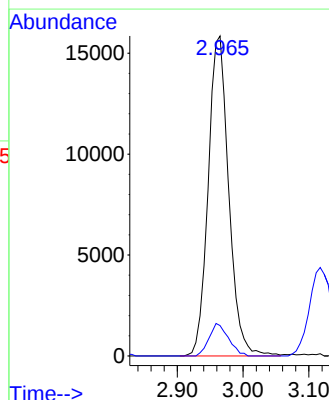
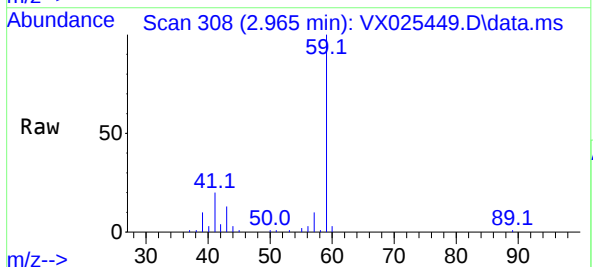


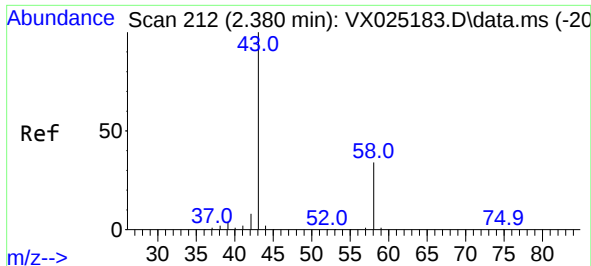
Tgt Ion:168 Resp: 108216
Ion Ratio Lower Upper
168 100
99 53.1 46.4 69.6



#11
Tert butyl alcohol
Concen: 117.35 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

Tgt Ion: 59 Resp: 34451
Ion Ratio Lower Upper
59 100
57 9.6 8.5 12.7

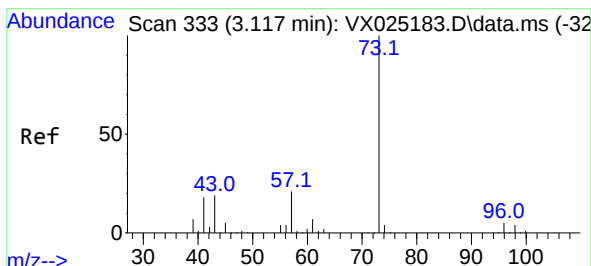
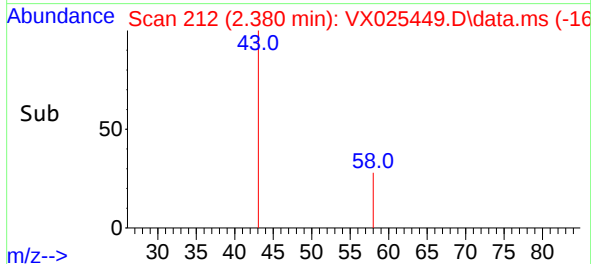
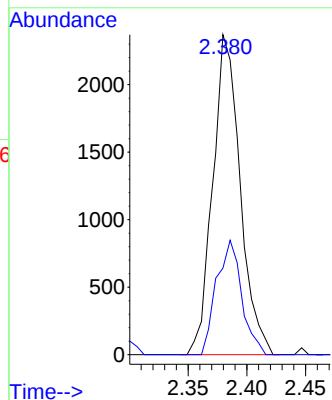
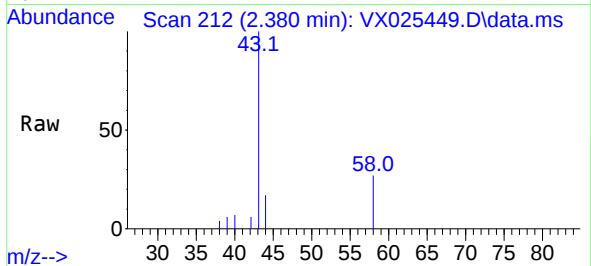




#16
Acetone
Concen: 6.06 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

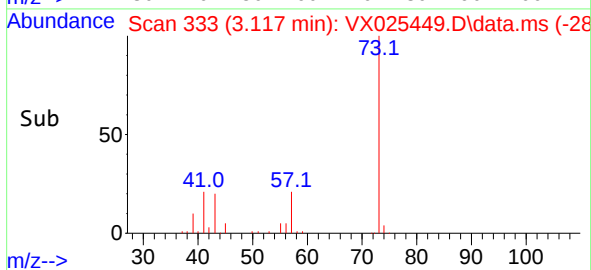
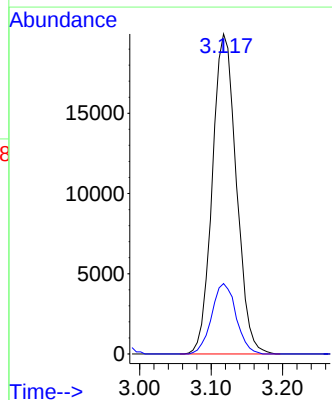
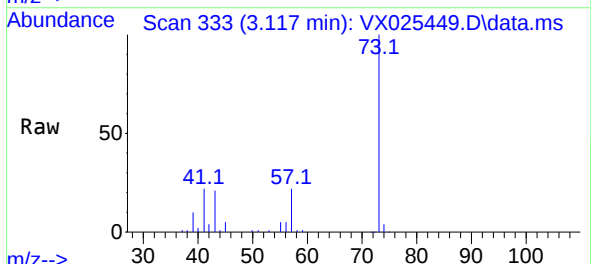
Instrument :
MSVOA_X
ClientSampleId :
MW-29

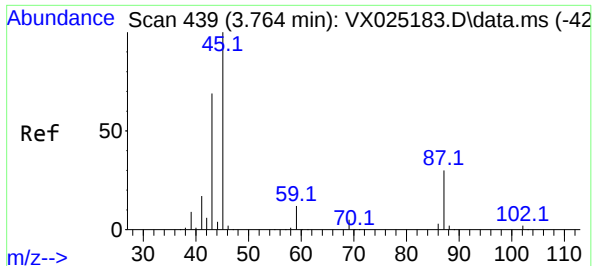
Tgt Ion: 43 Resp: 3844
Ion Ratio Lower Upper
43 100
58 27.0 24.0 36.0



#19
Methyl tert-butyl Ether
Concen: 13.30 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

Tgt Ion: 73 Resp: 46472
Ion Ratio Lower Upper
73 100
57 22.0 17.5 26.3

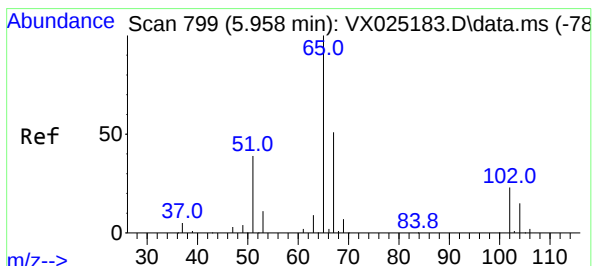
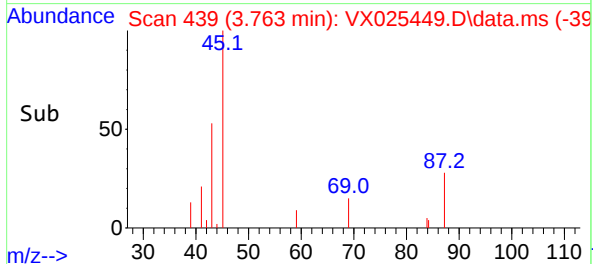
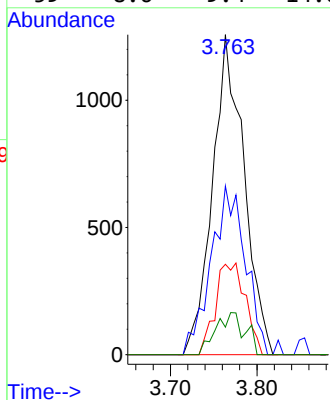
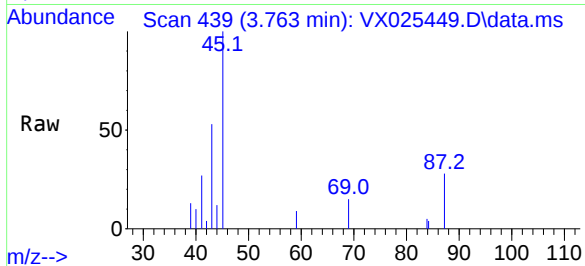




#22
Diisopropyl ether
Concen: 0.92 ug/l
RT: 3.763 min Scan# 41
Delta R.T. -0.001 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

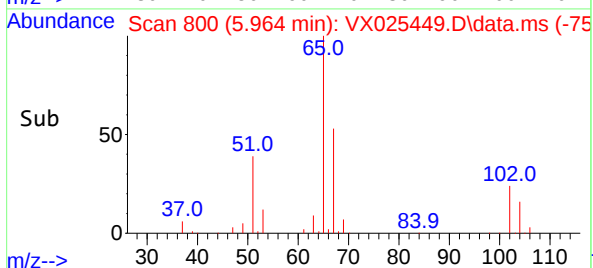
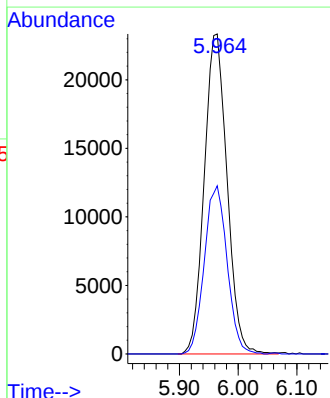
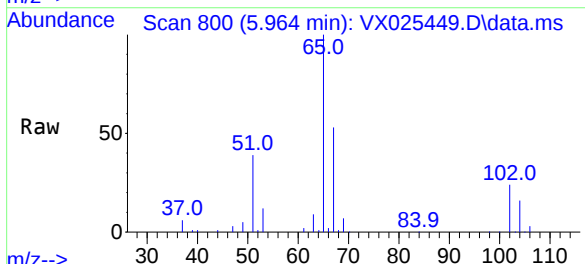
Instrument :
MSVOA_X
ClientSampleId :
MW-29

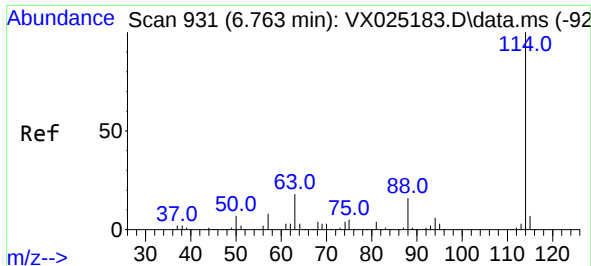
Tgt Ion: 45 Resp: 3171
Ion Ratio Lower Upper
45 100
43 52.7 58.3 87.5#
87 28.2 23.7 35.5
59 8.6 9.4 14.0#



#33
1,2-Dichloroethane-d4
Concen: 55.10 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

Tgt Ion: 65 Resp: 62852
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.0

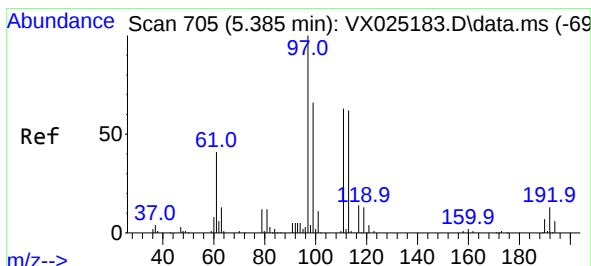
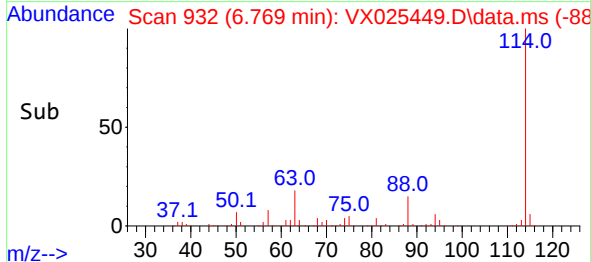
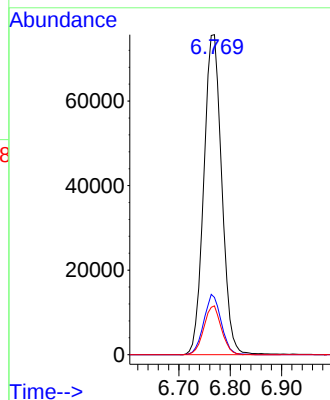
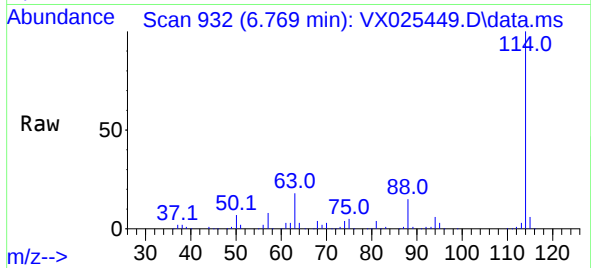




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

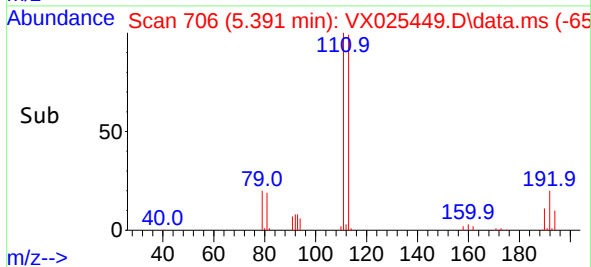
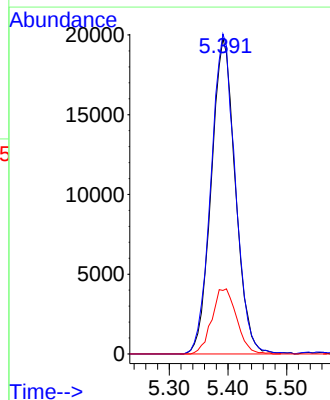
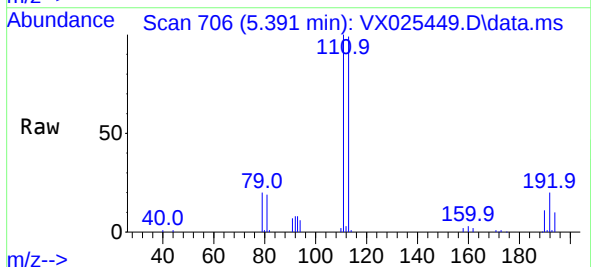
Instrument :
MSVOA_X
ClientSampleId :
MW-29

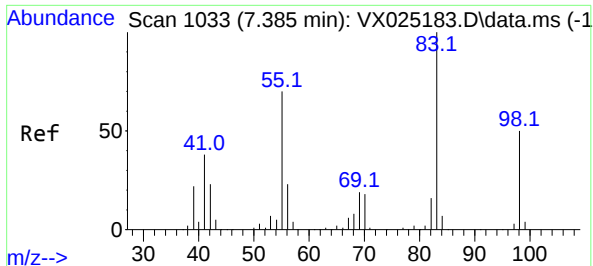
Tgt Ion:114 Resp: 183673
Ion Ratio Lower Upper
114 100
63 17.9 0.0 41.0
88 15.2 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.87 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

Tgt Ion:113 Resp: 56202
Ion Ratio Lower Upper
113 100
111 102.5 82.1 123.1
192 21.3 15.6 23.4





#39

Methylcyclohexane

Concen: 0.34 ug/l

RT: 7.385 min Scan# 10

Delta R.T. -0.000 min

Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

Instrument :

MSVOA_X

ClientSampleId :

MW-29

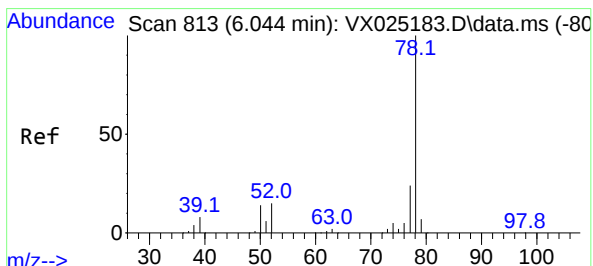
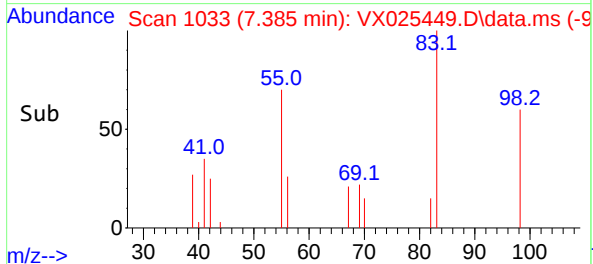
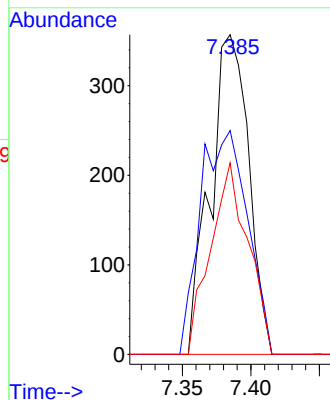
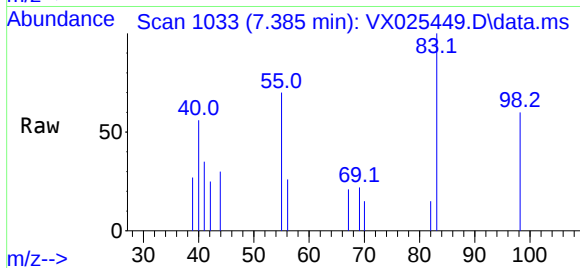
Tgt Ion: 83 Resp: 695

Ion Ratio Lower Upper

83 100

55 70.0 60.8 91.2

98 59.9 37.0 55.4#



#40

Benzene

Concen: 84.48 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX025449.D

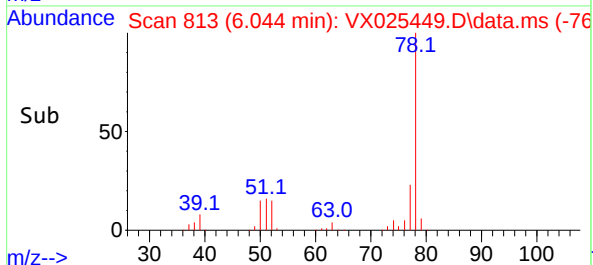
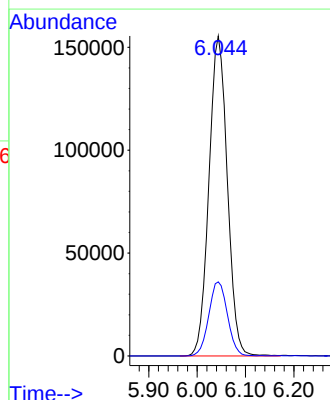
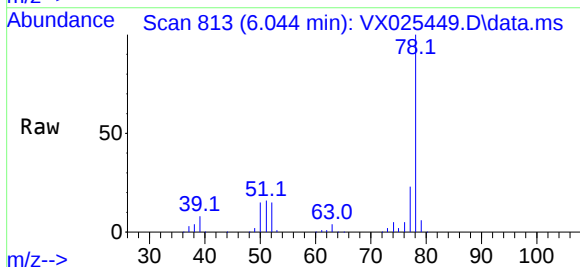
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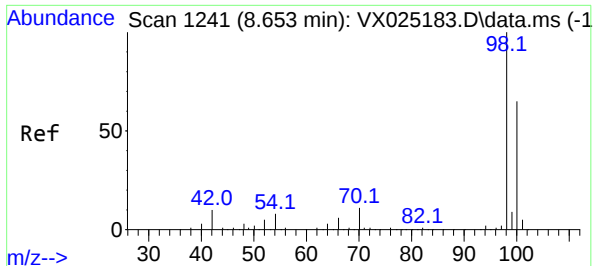
Tgt Ion: 78 Resp: 410095

Ion Ratio Lower Upper

78 100

77 23.2 18.3 27.5





#50

Toluene-d8

Concen: 49.95 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025449.D

Acq: 03 Dec 2021 00:09

Instrument :

MSVOA_X

ClientSampleId :

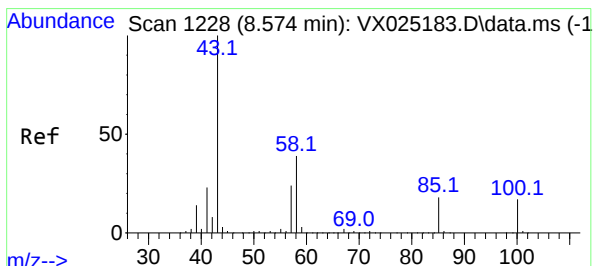
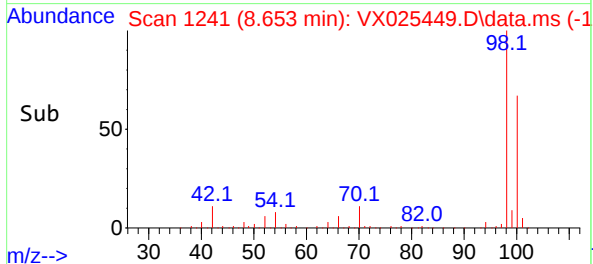
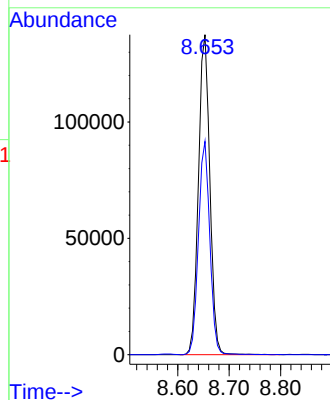
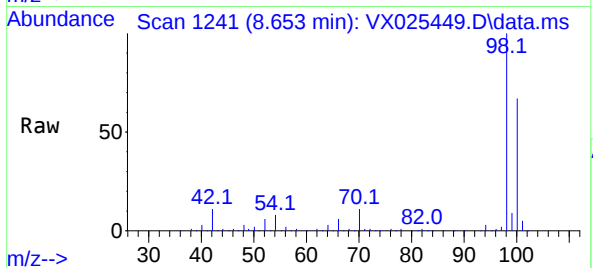
MW-29

Tgt Ion: 98 Resp: 211649

Ion Ratio Lower Upper

98 100

100 66.3 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 1.77 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX025449.D

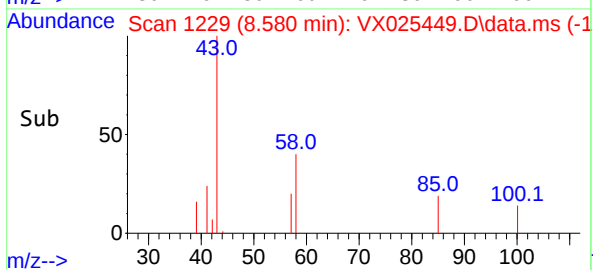
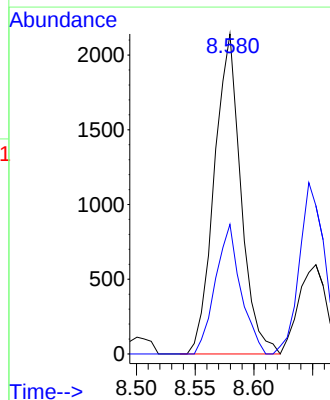
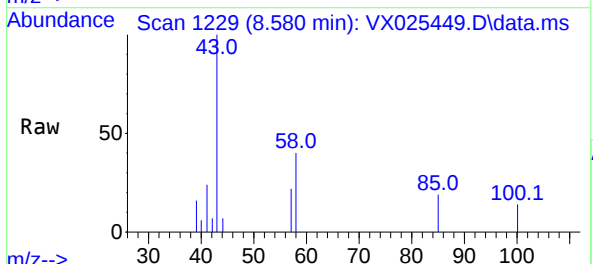
Acq: 03 Dec 2021 00:09

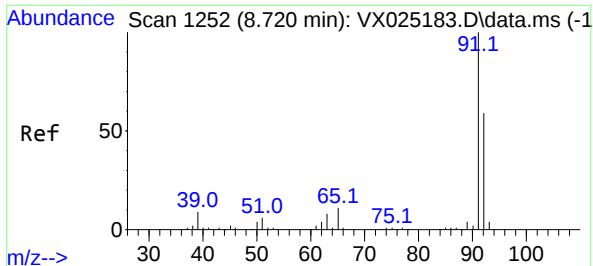
Tgt Ion: 43 Resp: 3374

Ion Ratio Lower Upper

43 100

58 38.6 30.9 46.3

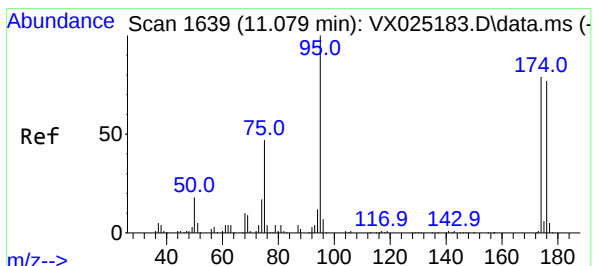
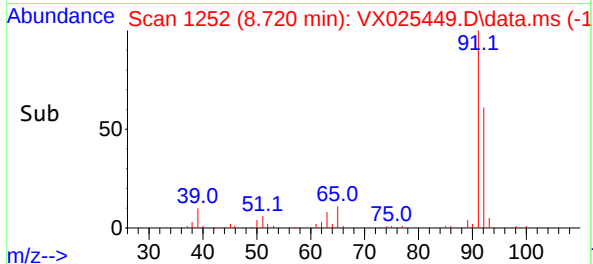
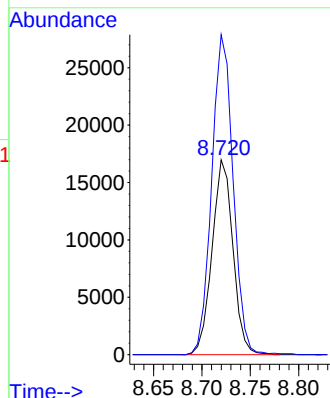
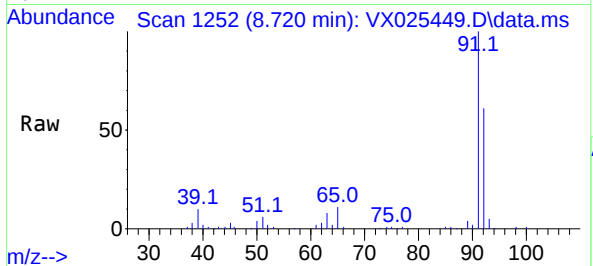




#52
Toluene
Concen: 8.05 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

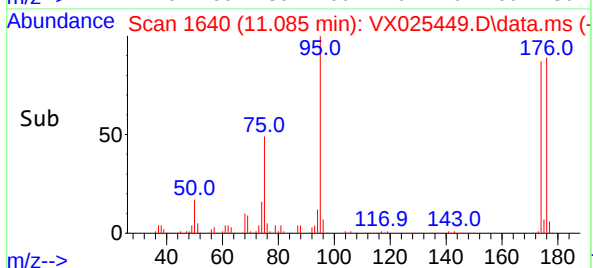
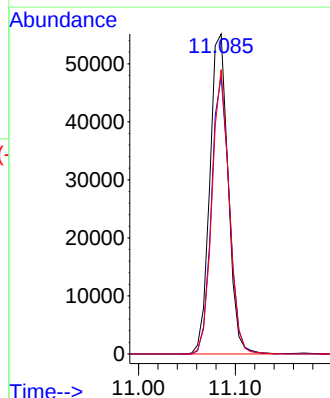
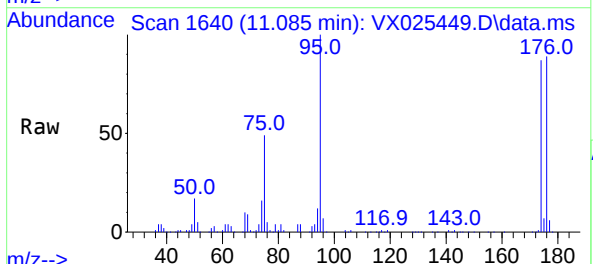
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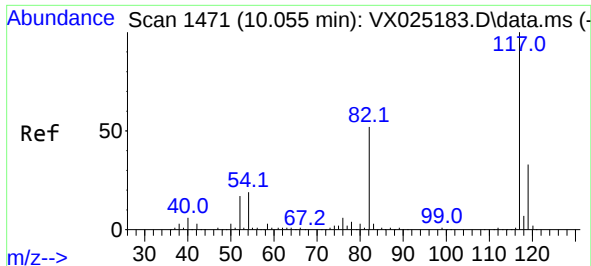
Tgt Ion: 92 Resp: 25519
Ion Ratio Lower Upper
92 100
91 168.5 138.6 208.0



#62
4-Bromofluorobenzene
Concen: 45.28 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

Tgt Ion: 95 Resp: 72582
Ion Ratio Lower Upper
95 100
174 84.6 0.0 158.0
176 83.5 0.0 153.6

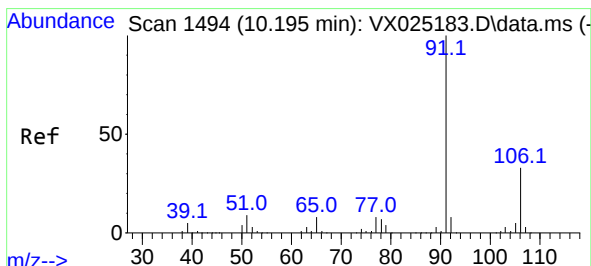
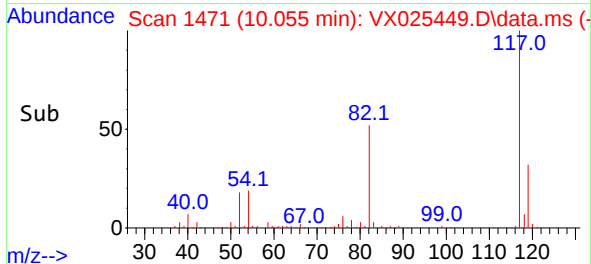
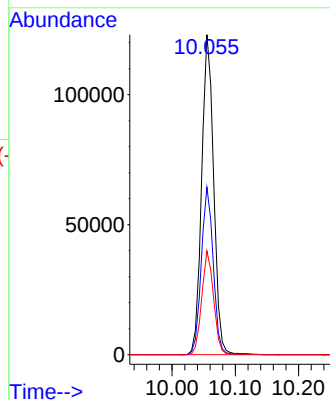
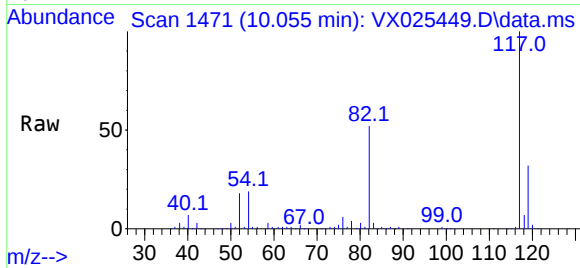




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

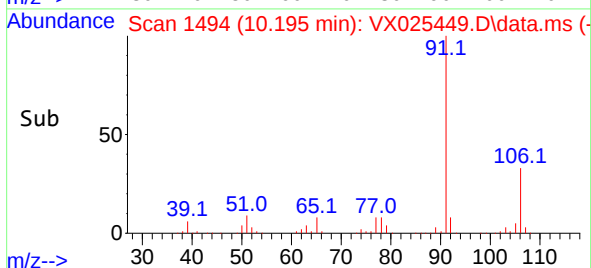
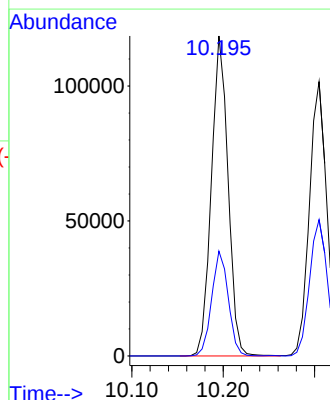
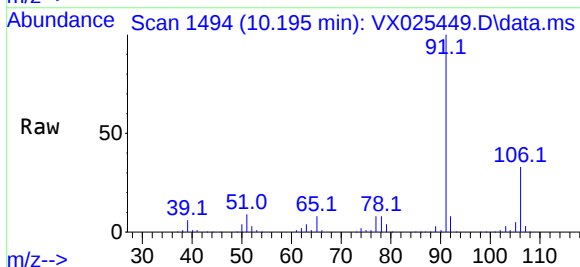
Instrument :
MSVOA_X
ClientSampleId :
MW-29

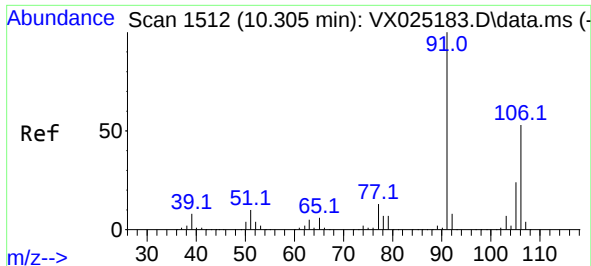
Tgt Ion:117 Resp: 163056
Ion Ratio Lower Upper
117 100
82 52.3 44.6 67.0
119 32.4 24.8 37.2



#67
Ethyl Benzene
Concen: 26.11 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

Tgt Ion: 91 Resp: 149905
Ion Ratio Lower Upper
91 100
106 32.8 24.7 37.1

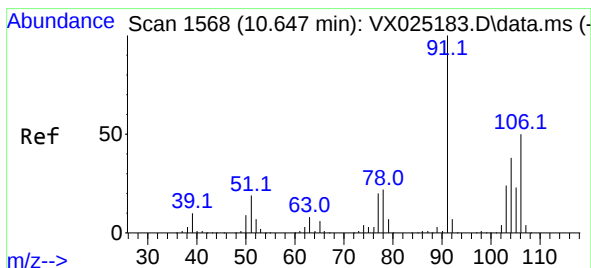
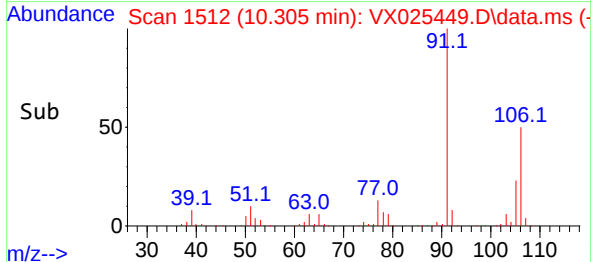
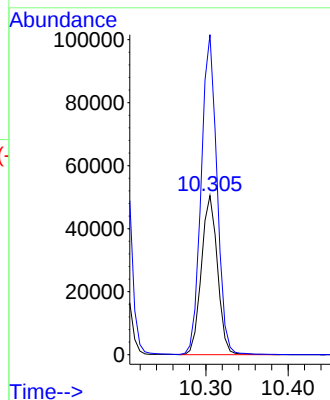
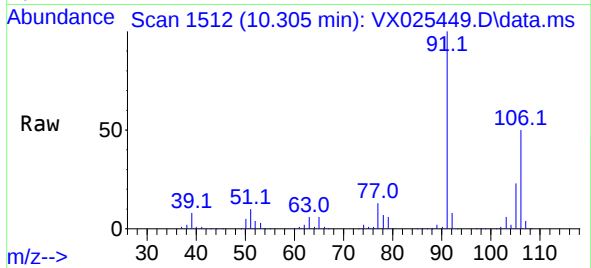




#68
m/p-Xylenes
Concen: 29.26 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

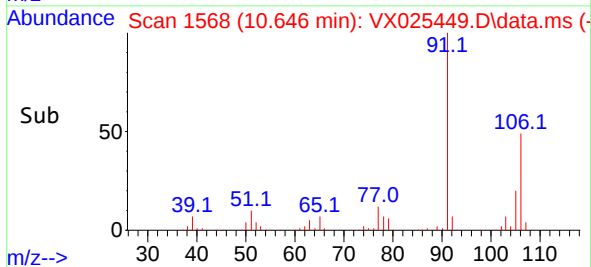
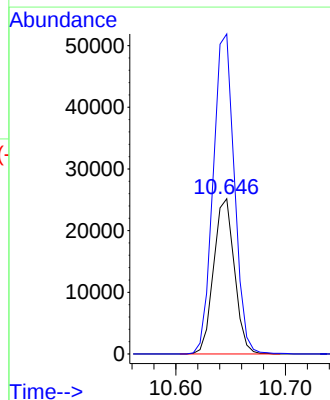
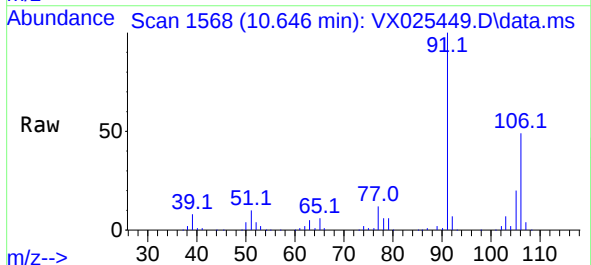
Instrument :
MSVOA_X
ClientSampleId :
MW-29

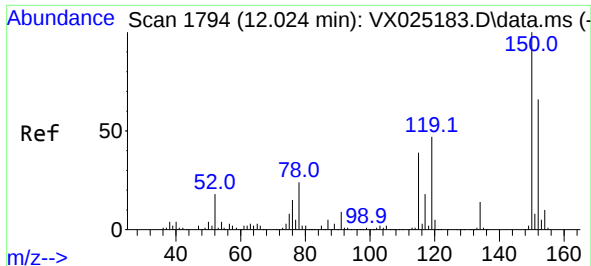
Tgt Ion:106 Resp: 68638
Ion Ratio Lower Upper
106 100
91 197.3 163.4 245.0



#69
o-Xylene
Concen: 14.47 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

Tgt Ion:106 Resp: 33211
Ion Ratio Lower Upper
106 100
91 210.5 109.5 328.4

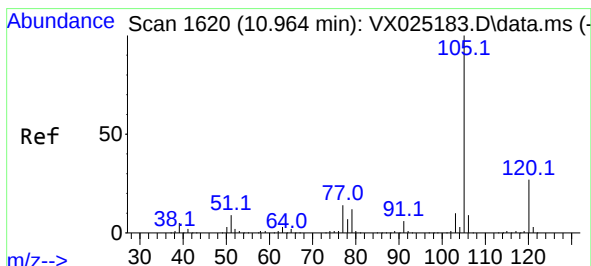
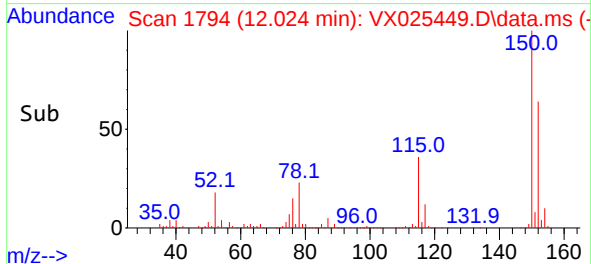
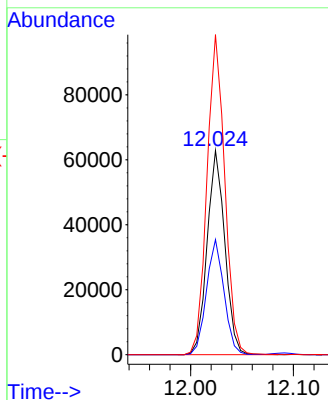
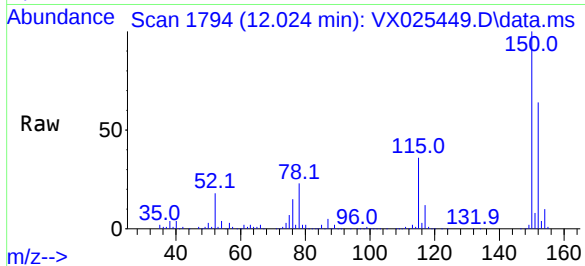




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

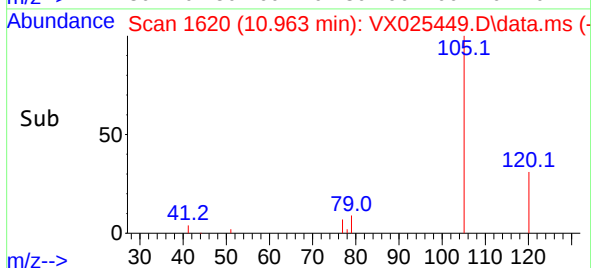
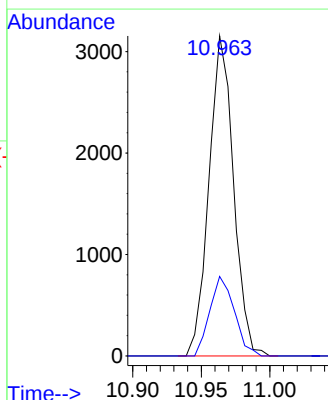
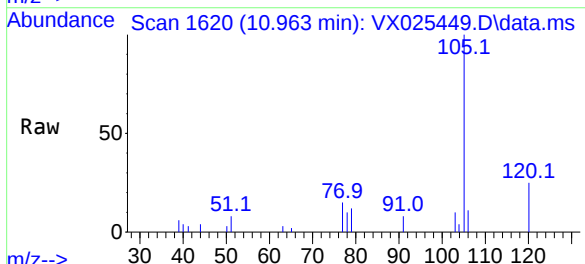
Instrument :
MSVOA_X
ClientSampleId :
MW-29

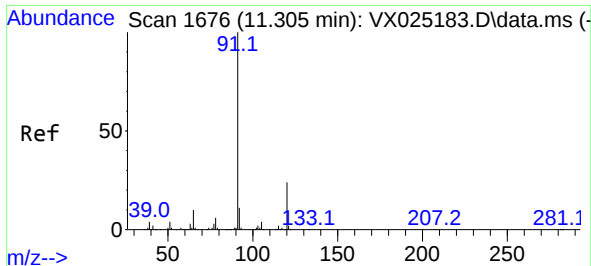
Tgt Ion:152 Resp: 75075
Ion Ratio Lower Upper
152 100
115 56.1 43.3 129.8
150 157.9 0.0 351.2



#73
Isopropylbenzene
Concen: 0.74 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

Tgt Ion:105 Resp: 3935
Ion Ratio Lower Upper
105 100
120 24.8 13.3 39.8

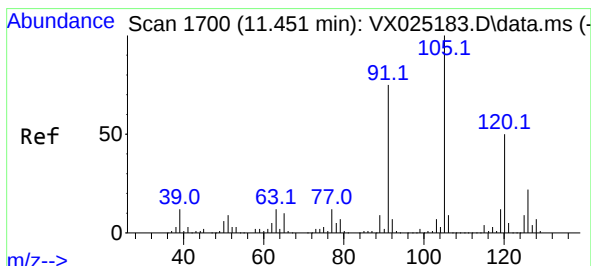
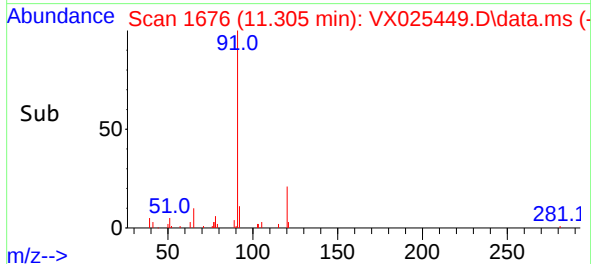
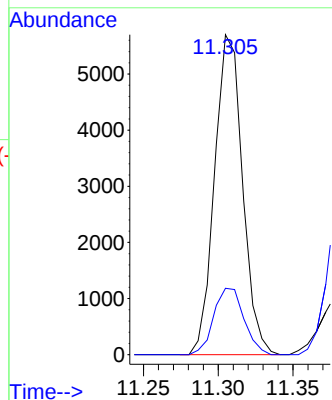
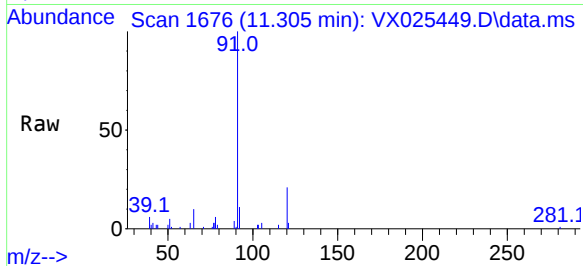




#78
n-propylbenzene
Concen: 1.24 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

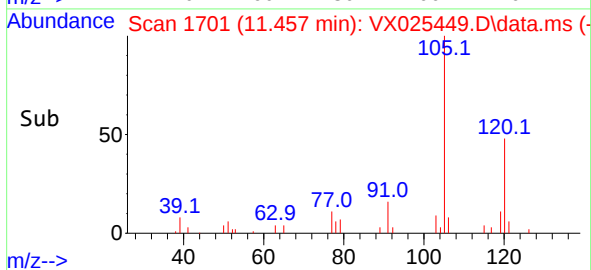
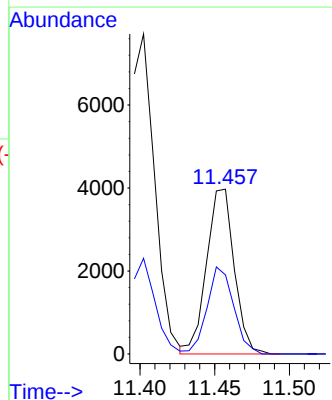
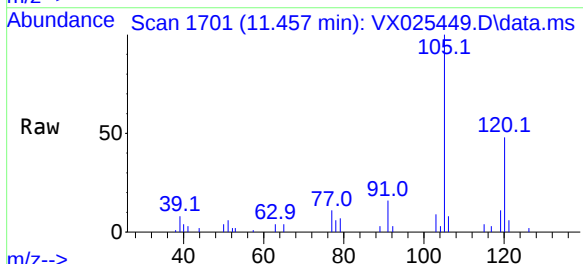
Instrument :
MSVOA_X
ClientSampleId :
MW-29

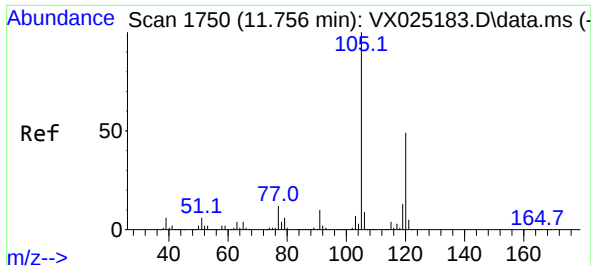
Tgt Ion: 91 Resp: 7419
Ion Ratio Lower Upper
91 100
120 22.5 11.7 35.0



#80
1,3,5-Trimethylbenzene
Concen: 1.14 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

Tgt Ion: 105 Resp: 5122
Ion Ratio Lower Upper
105 100
120 50.6 23.8 71.5

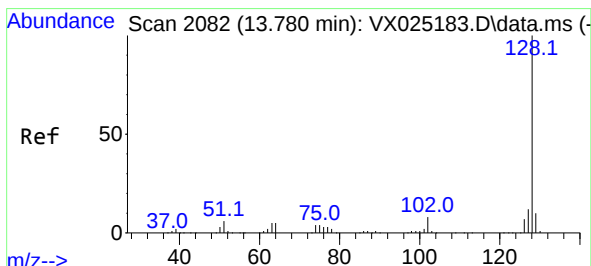
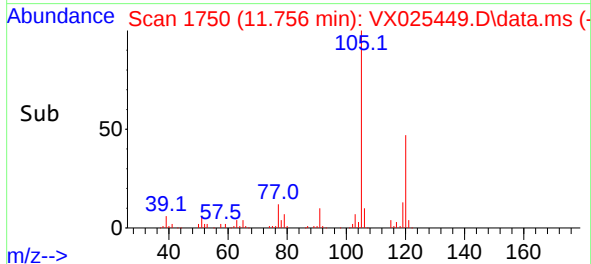
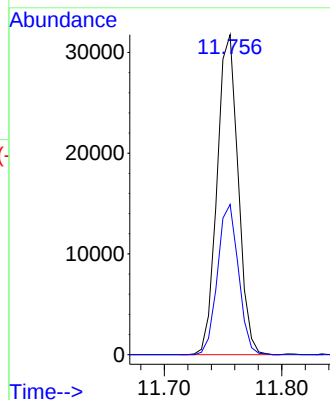
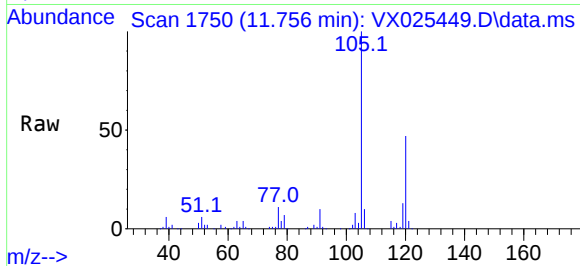




#84
1,2,4-Trimethylbenzene
Concen: 8.91 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

Instrument :
MSVOA_X
ClientSampleId :
MW-29

Tgt Ion:105 Resp: 39603
Ion Ratio Lower Upper
105 100
120 46.6 22.1 66.3



#95
Naphthalene
Concen: 2.98 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025449.D
Acq: 03 Dec 2021 00:09

Tgt Ion:128 Resp: 16869
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.2 8.8 13.2

