

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028977.D
 Acq On : 26 May 2022 02:42
 Operator : JC/MD
 Sample : N3002-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

Quant Time: May 26 05:52:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

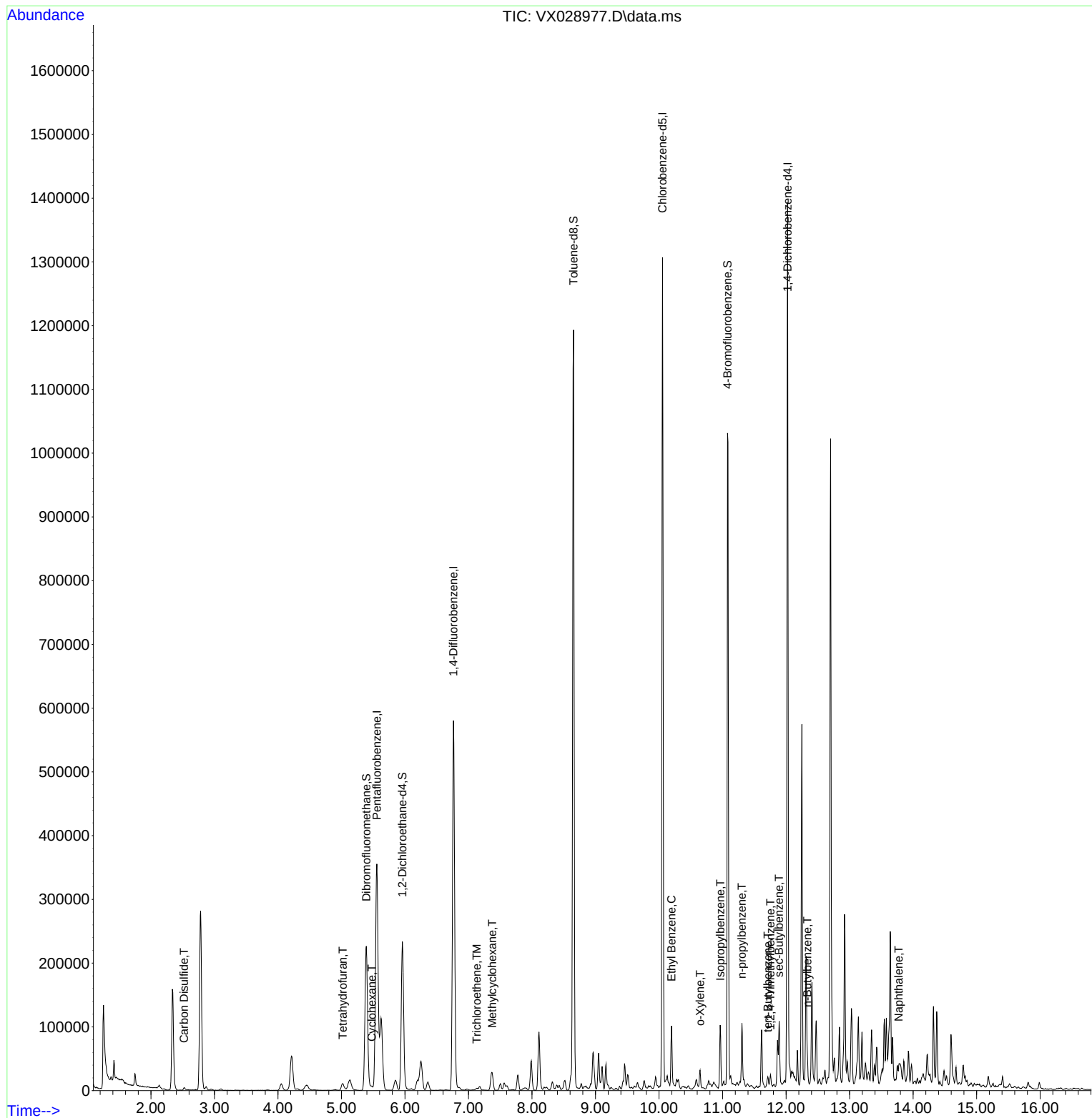
Internal Standards						
1) Pentafluorobenzene	5.556	168	334908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	601475	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	581765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	278279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	226993	49.445	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.900%
35) Dibromofluoromethane	5.391	113	199125	50.529	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.060%
50) Toluene-d8	8.653	98	723362	48.687	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.380%
62) 4-Bromofluorobenzene	11.079	95	292149	52.645	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.300%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.520	76	7373	0.821	ug/l	95
29) Tetrahydrofuran	5.019	42	10629	5.287	ug/l #	87
31) Cyclohexane	5.477	56	3638	0.571	ug/l	88
39) Methylcyclohexane	7.373	83	7463	1.099	ug/l #	38
44) Trichloroethene	7.129	130	1470	0.319	ug/l	94
67) Ethyl Benzene	10.195	91	54575	2.467	ug/l	99
69) o-Xylene	10.646	106	4946	0.583	ug/l	97
73) Isopropylbenzene	10.964	105	48978	2.321	ug/l	98
78) n-propylbenzene	11.305	91	57247	2.345	ug/l	99
83) tert-Butylbenzene	11.713	119	4682	0.275	ug/l	79
84) 1,2,4-Trimethylbenzene	11.756	105	8497	0.482	ug/l	93
85) sec-Butylbenzene	11.890	105	46738	2.226	ug/l	96
89) n-Butylbenzene	12.335	91	35640	2.334	ug/l #	44
95) Naphthalene	13.774	128	19566	0.989	ug/l #	81

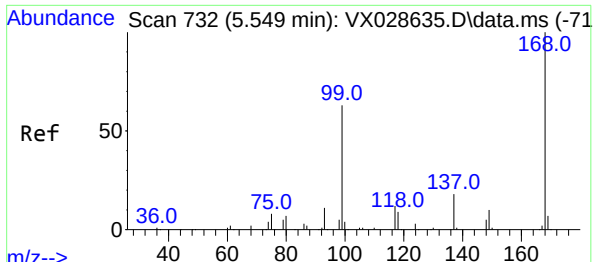
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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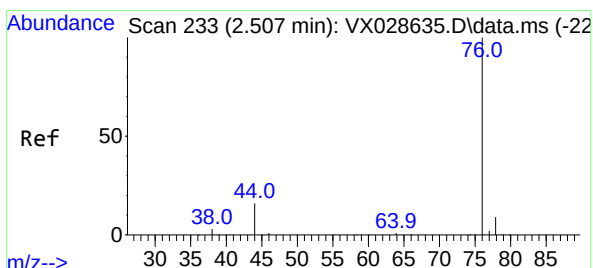
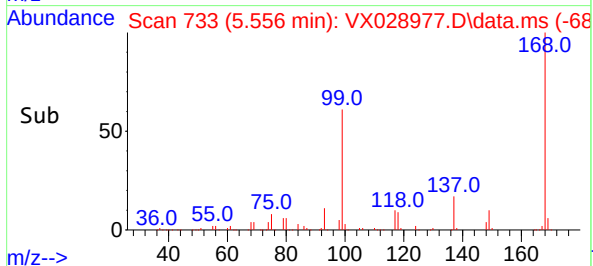
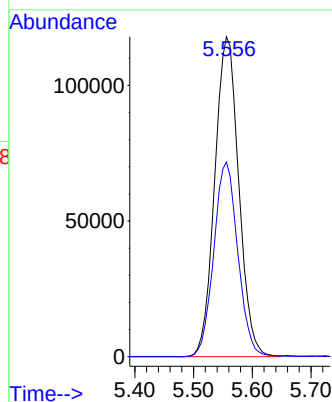
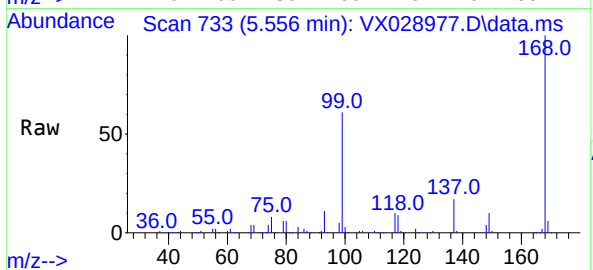




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028977.D
Acq: 26 May 2022 02:42

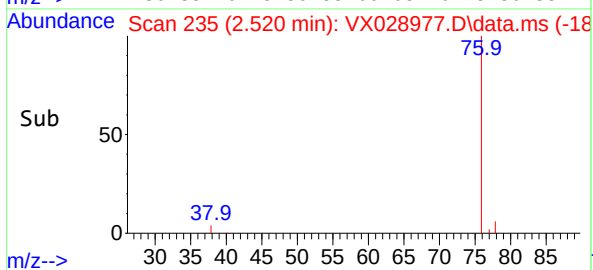
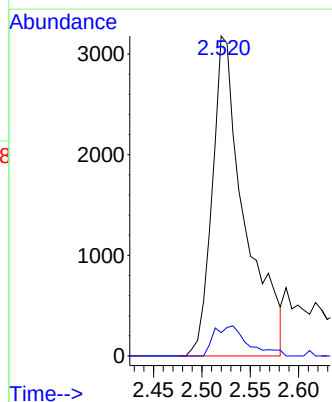
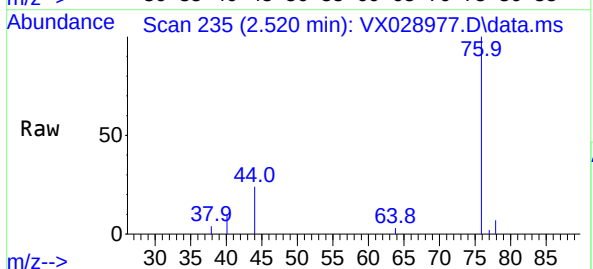
Instrument :
MSVOA_X
ClientSampleId :
MW-10

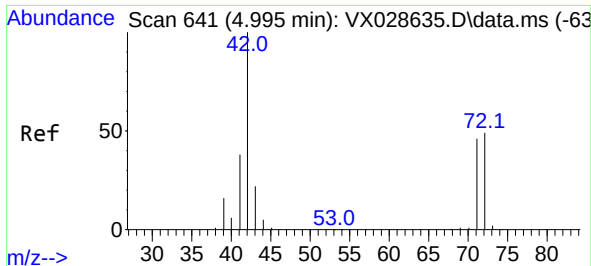
Tgt Ion:168 Resp: 334908
Ion Ratio Lower Upper
168 100
99 60.9 41.7 62.5



#17
Carbon Disulfide
Concen: 0.821 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.013 min
Lab File: VX028977.D
Acq: 26 May 2022 02:42

Tgt Ion: 76 Resp: 7373
Ion Ratio Lower Upper
76 100
78 7.3 7.2 10.8

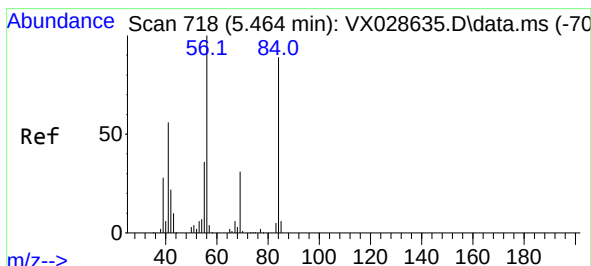
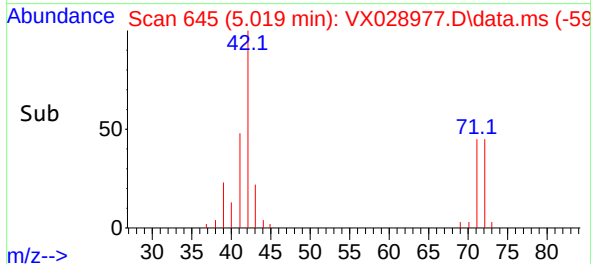
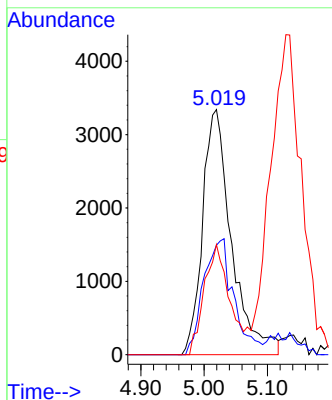
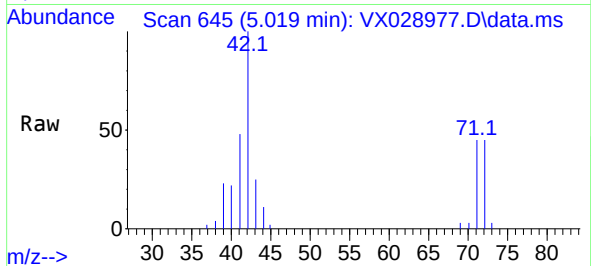




#29
Tetrahydrofuran
Concen: 5.287 ug/l
RT: 5.019 min Scan# 641
Delta R.T. 0.024 min
Lab File: VX028977.D
Acq: 26 May 2022 02:42

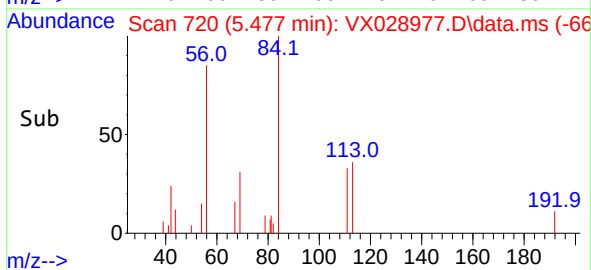
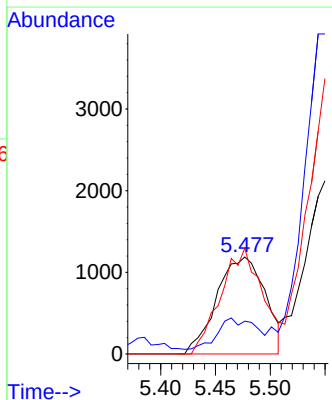
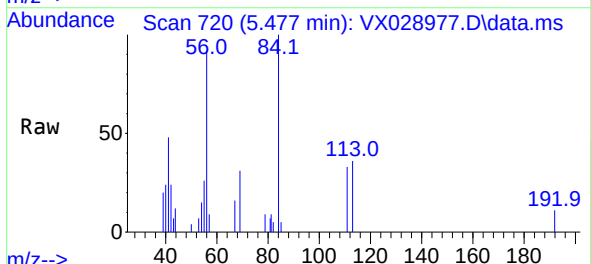
Instrument :
MSVOA_X
ClientSampleId :
MW-10

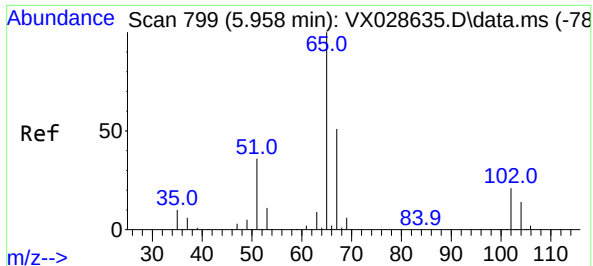
Tgt Ion: 42 Resp: 10629
Ion Ratio Lower Upper
42 100
72 49.2 44.1 66.1
71 38.6 40.5 60.7#



#31
Cyclohexane
Concen: 0.571 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.013 min
Lab File: VX028977.D
Acq: 26 May 2022 02:42

Tgt Ion: 56 Resp: 3638
Ion Ratio Lower Upper
56 100
69 28.3 26.7 40.1
84 109.1 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 49.445 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028977.D

Acq: 26 May 2022 02:42

Instrument :

MSVOA_X

ClientSampleId :

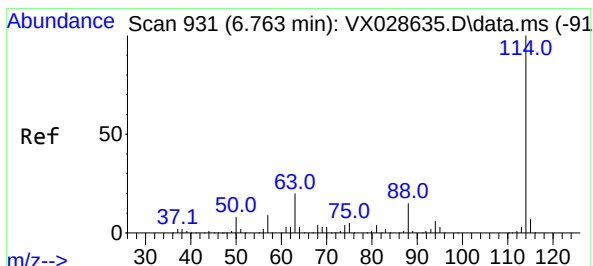
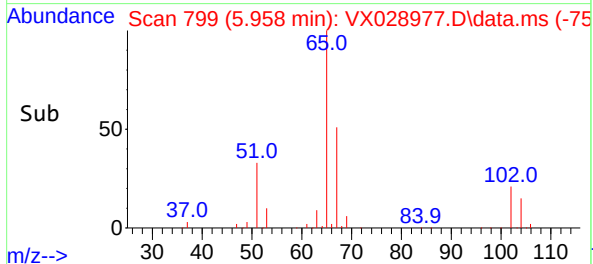
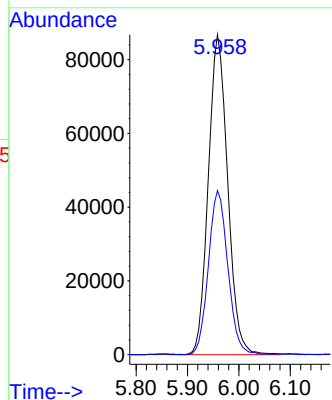
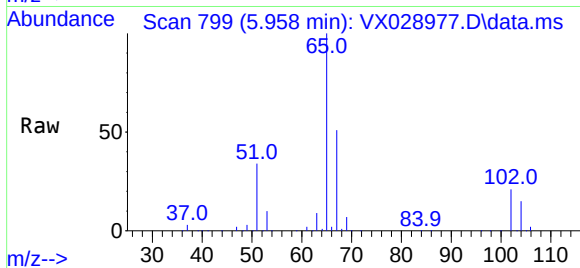
MW-10

Tgt Ion: 65 Resp: 226993

Ion Ratio Lower Upper

65 100

67 51.5 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028977.D

Acq: 26 May 2022 02:42

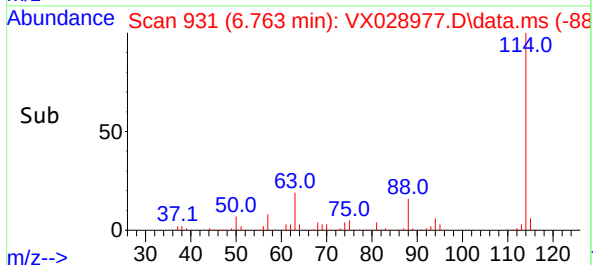
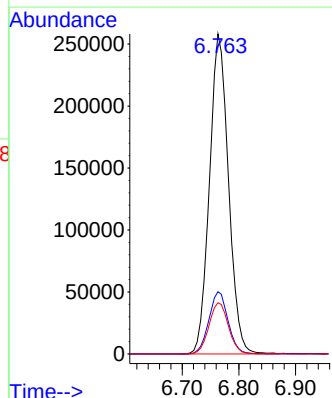
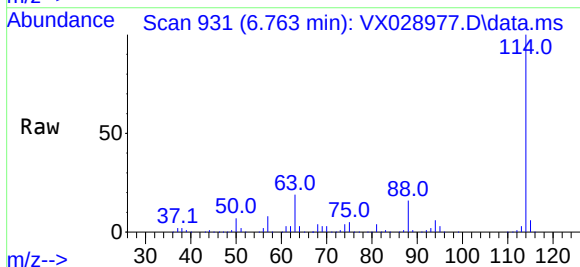
Tgt Ion: 114 Resp: 601475

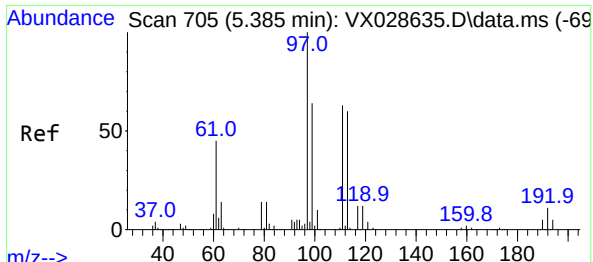
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.8

88 16.0 0.0 32.4

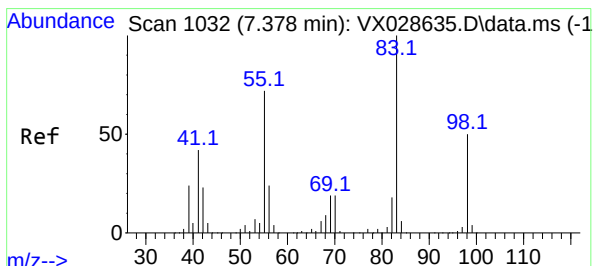
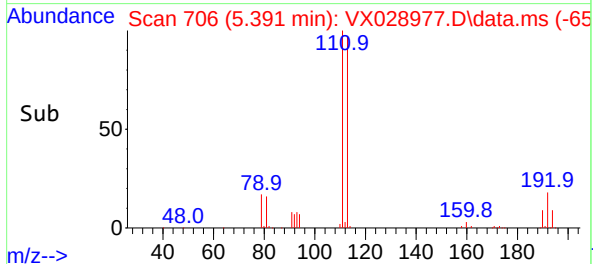
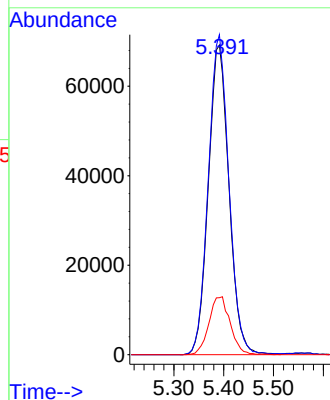
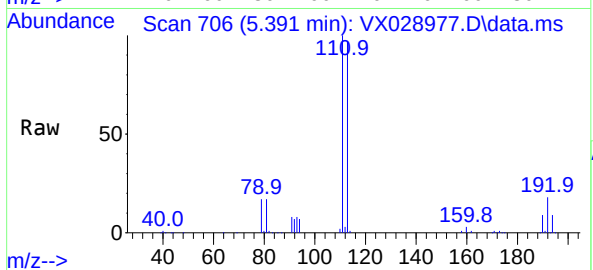




#35
Dibromofluoromethane
Concen: 50.529 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028977.D
Acq: 26 May 2022 02:42

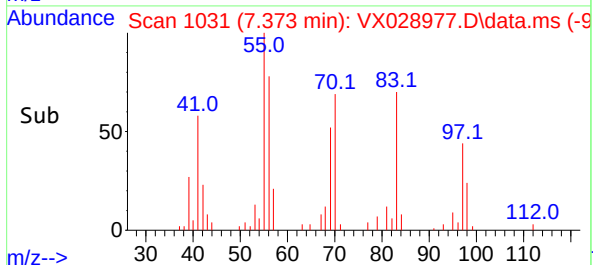
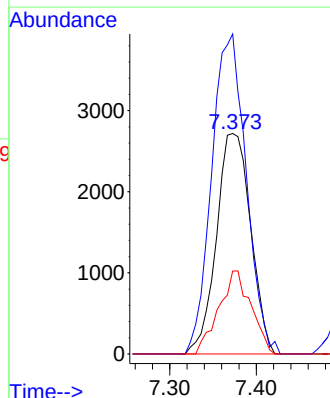
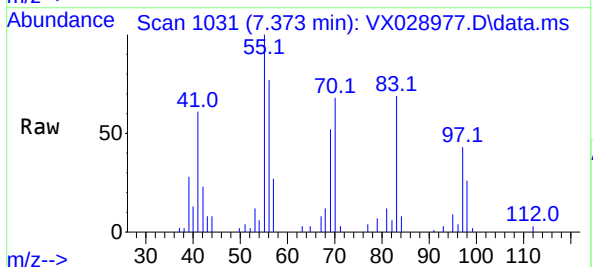
Instrument :
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ClientSampleId :
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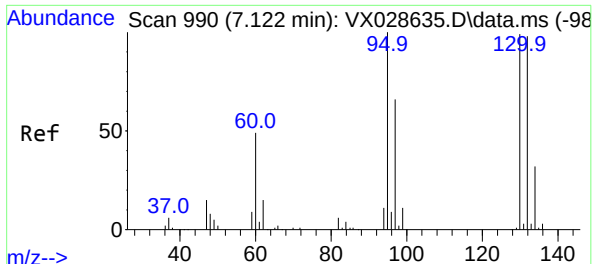
Tgt Ion:113 Resp: 199125
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 19.2 16.9 25.3



#39
Methylcyclohexane
Concen: 1.099 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VX028977.D
Acq: 26 May 2022 02:42

Tgt Ion: 83 Resp: 7463
Ion Ratio Lower Upper
83 100
55 145.1 54.6 81.8#
98 37.6 37.4 56.2

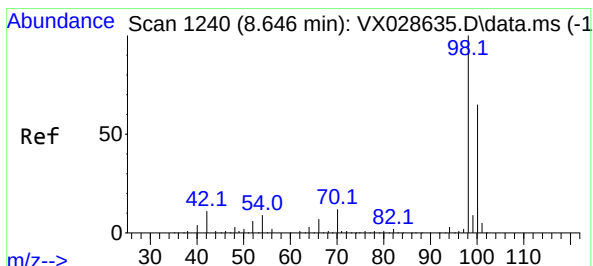
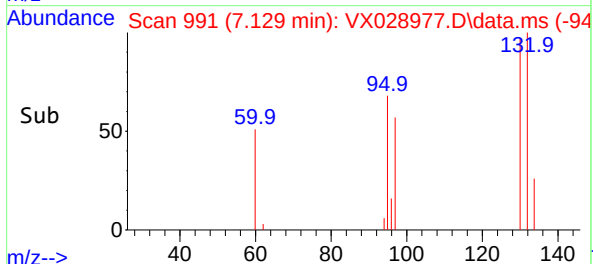
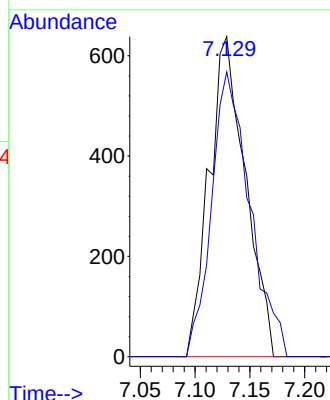
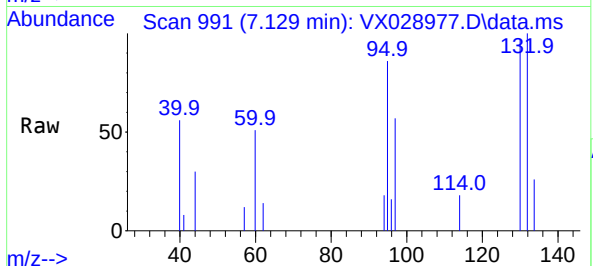




#44
Trichloroethene
Concen: 0.319 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028977.D
Acq: 26 May 2022 02:42

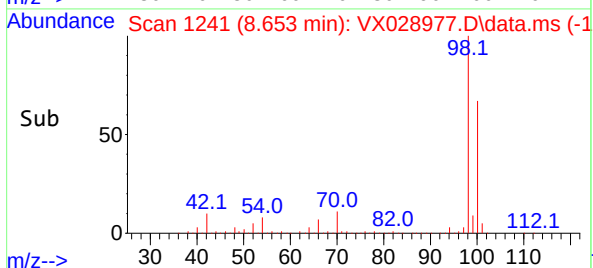
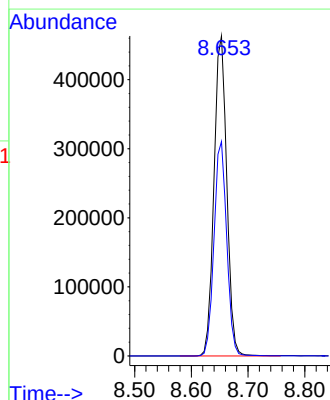
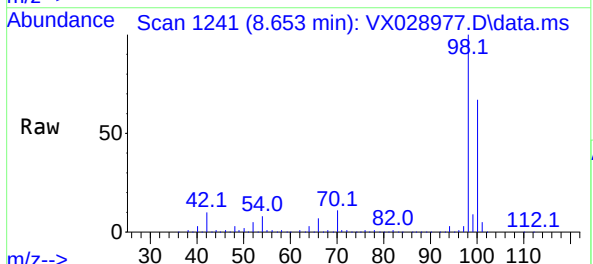
Instrument :
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MW-10

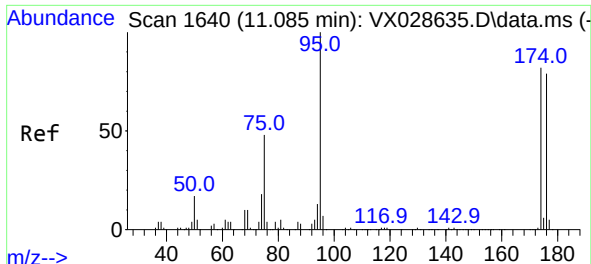
Tgt Ion:130 Resp: 1470
Ion Ratio Lower Upper
130 100
95 89.0 0.0 188.8



#50
Toluene-d8
Concen: 48.687 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028977.D
Acq: 26 May 2022 02:42

Tgt Ion: 98 Resp: 723362
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8

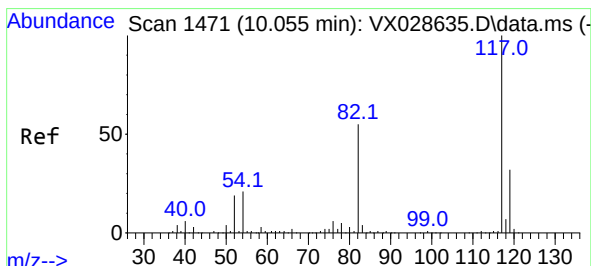
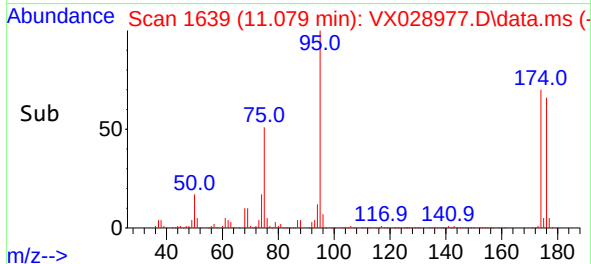
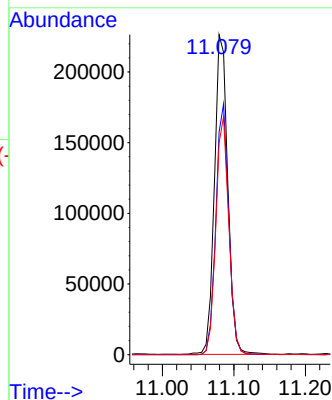
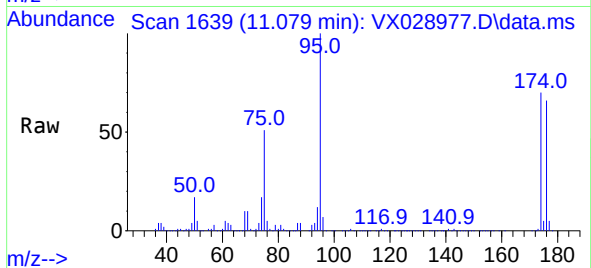




#62
4-Bromofluorobenzene
Concen: 52.645 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028977.D
Acq: 26 May 2022 02:42

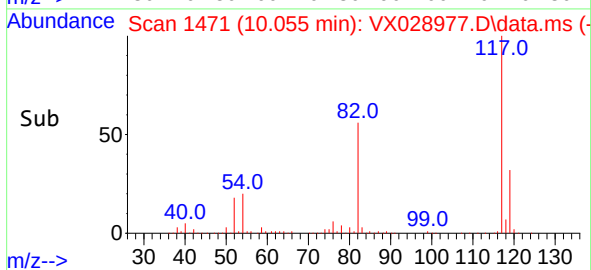
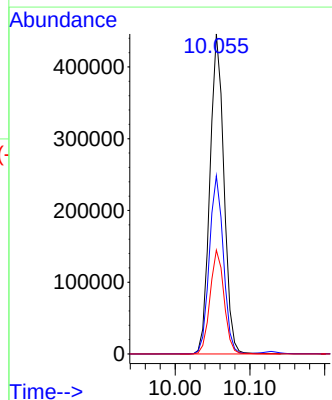
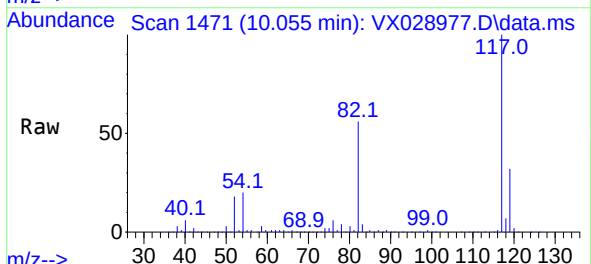
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ClientSampleId :
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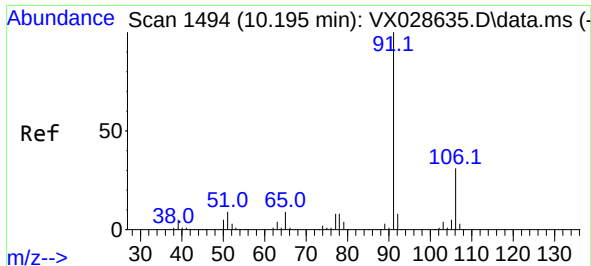
Tgt Ion: 95 Resp: 292149
Ion Ratio Lower Upper
95 100
174 76.2 0.0 163.0
176 72.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028977.D
Acq: 26 May 2022 02:42

Tgt Ion: 117 Resp: 581765
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.8
119 32.4 24.8 37.2





#67

Ethyl Benzene

Concen: 2.467 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028977.D

Acq: 26 May 2022 02:42

Instrument :

MSVOA_X

ClientSampleId :

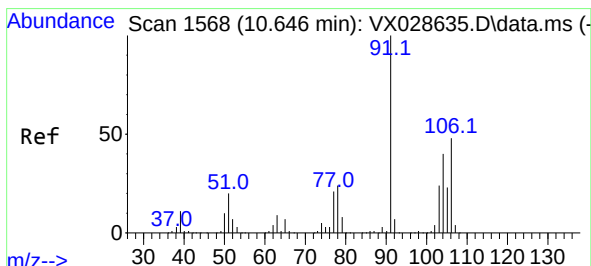
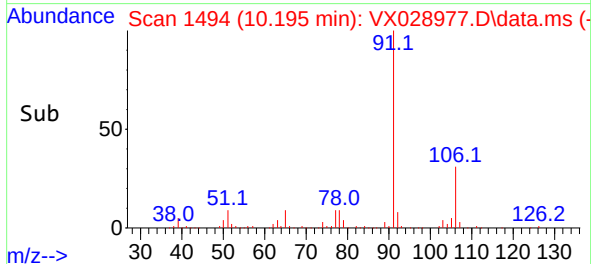
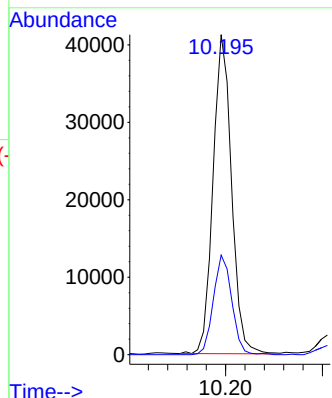
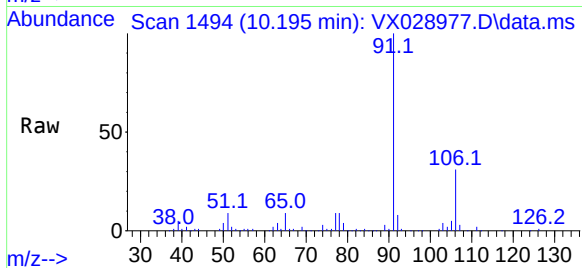
MW-10

Tgt Ion: 91 Resp: 54575

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#69

o-Xylene

Concen: 0.583 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VX028977.D

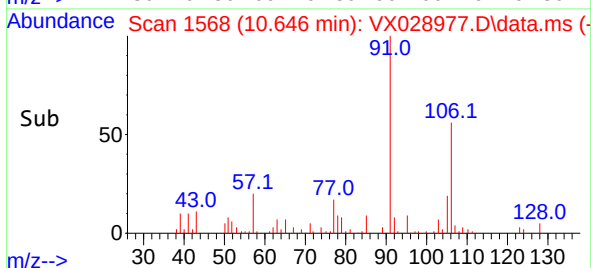
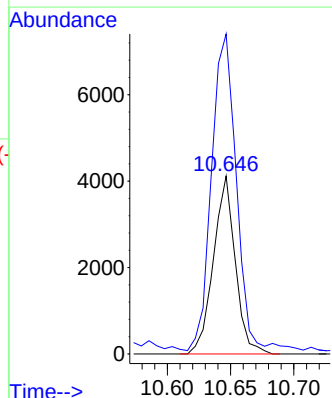
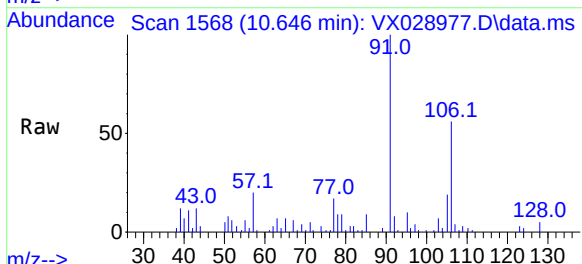
Acq: 26 May 2022 02:42

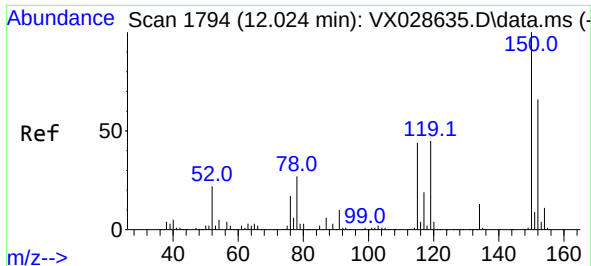
Tgt Ion: 106 Resp: 4946

Ion Ratio Lower Upper

106 100

91 207.8 106.1 318.1

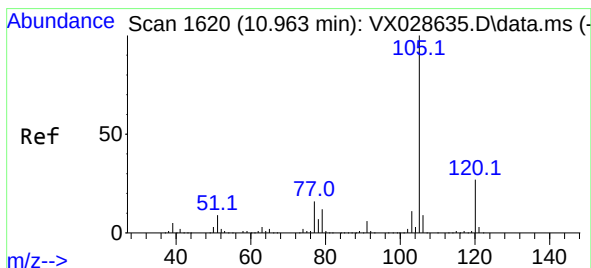
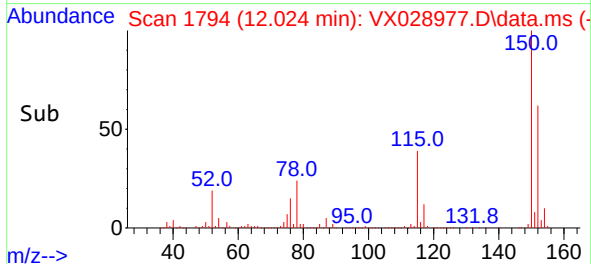
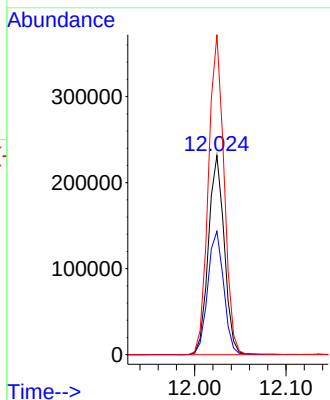
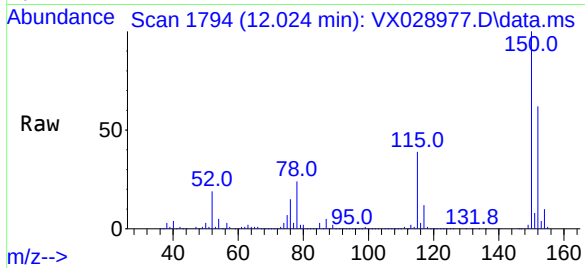




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028977.D
Acq: 26 May 2022 02:42

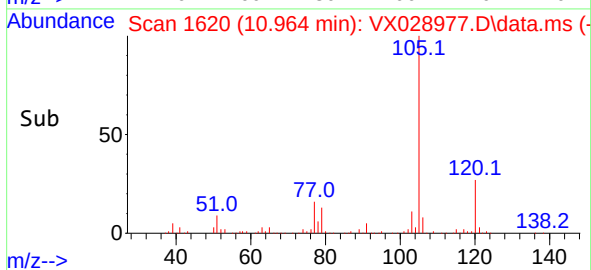
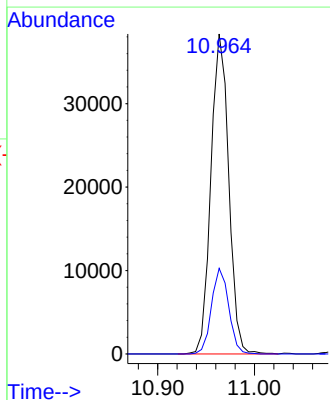
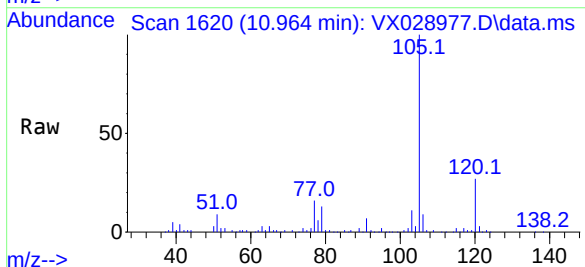
Instrument :
MSVOA_X
ClientSampleId :
MW-10

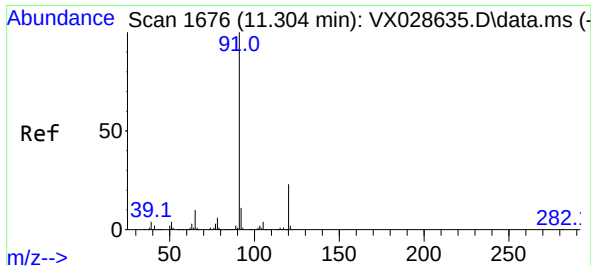
Tgt Ion:152 Resp: 278279
Ion Ratio Lower Upper
152 100
115 62.5 37.5 112.7
150 159.1 0.0 338.2



#73
Isopropylbenzene
Concen: 2.321 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX028977.D
Acq: 26 May 2022 02:42

Tgt Ion:105 Resp: 48978
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.5

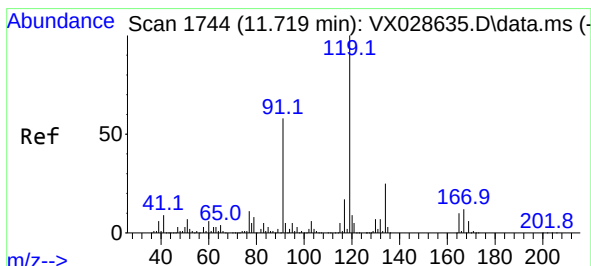
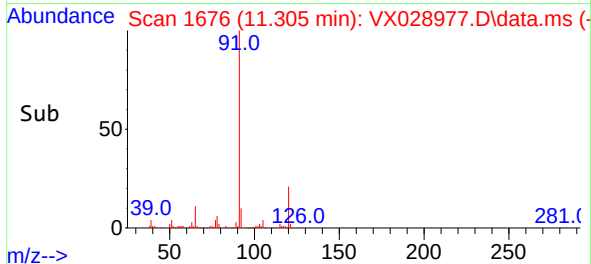
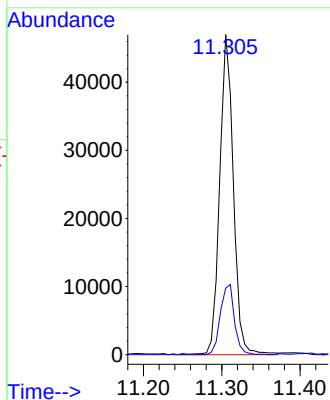
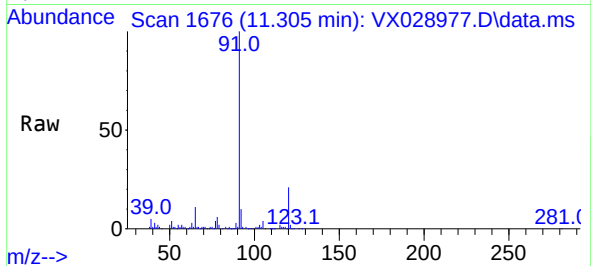




#78
n-propylbenzene
Concen: 2.345 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX028977.D
Acq: 26 May 2022 02:42

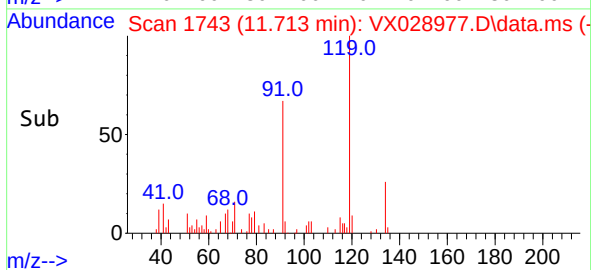
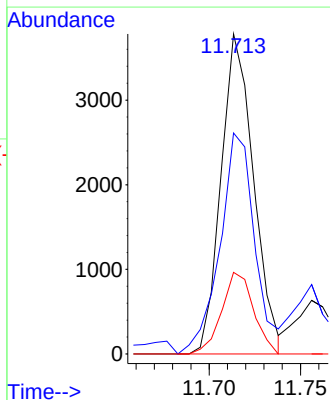
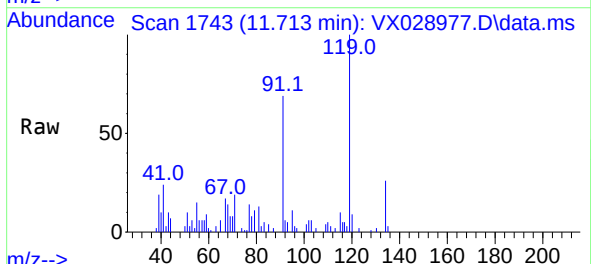
Instrument :
MSVOA_X
ClientSampleId :
MW-10

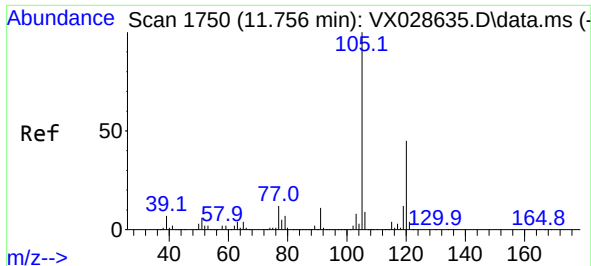
Tgt Ion: 91 Resp: 57247
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.8



#83
tert-Butylbenzene
Concen: 0.275 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX028977.D
Acq: 26 May 2022 02:42

Tgt Ion: 119 Resp: 4682
Ion Ratio Lower Upper
119 100
91 73.8 26.9 80.6
134 25.0 11.4 34.2

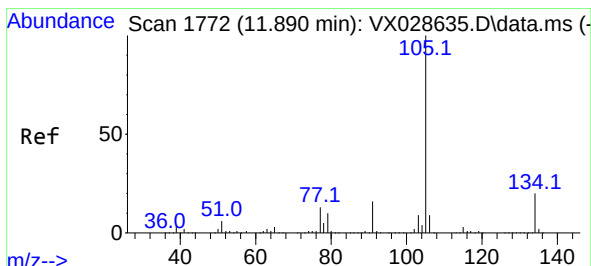
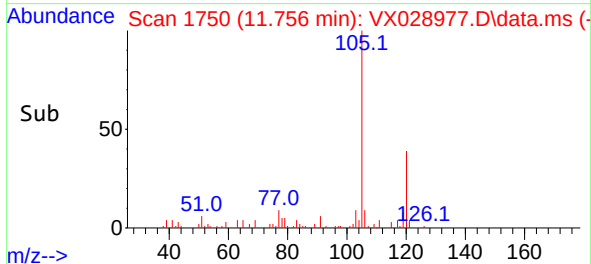
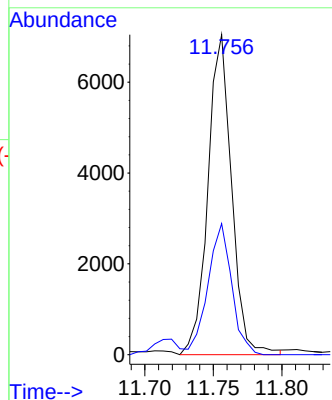
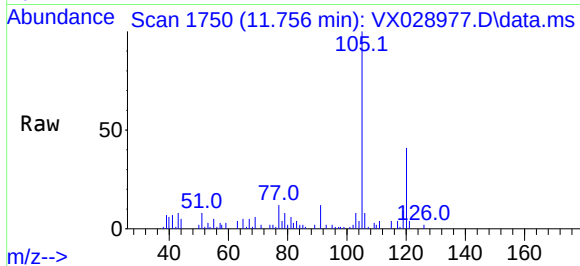




#84
1,2,4-Trimethylbenzene
Concen: 0.482 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX028977.D
Acq: 26 May 2022 02:42

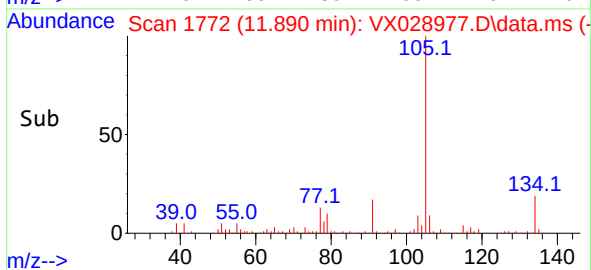
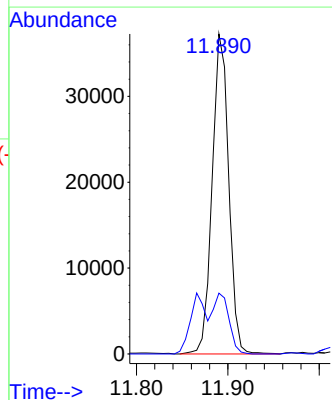
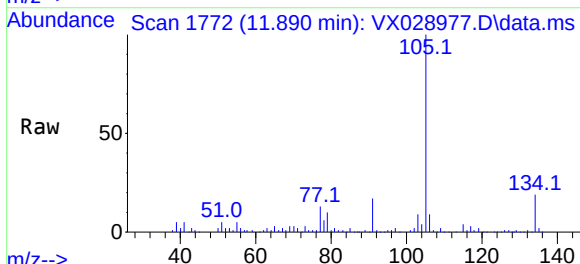
Instrument :
MSVOA_X
ClientSampleId :
MW-10

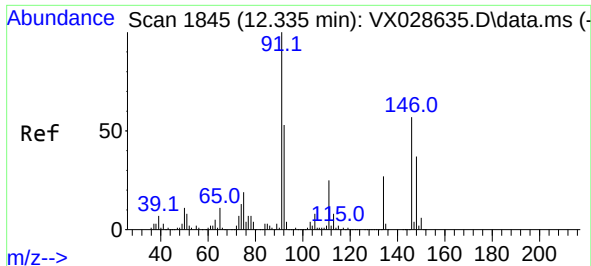
Tgt Ion:105 Resp: 8497
Ion Ratio Lower Upper
105 100
120 40.8 22.6 67.8



#85
sec-Butylbenzene
Concen: 2.226 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX028977.D
Acq: 26 May 2022 02:42

Tgt Ion:105 Resp: 46738
Ion Ratio Lower Upper
105 100
134 18.4 10.2 30.4

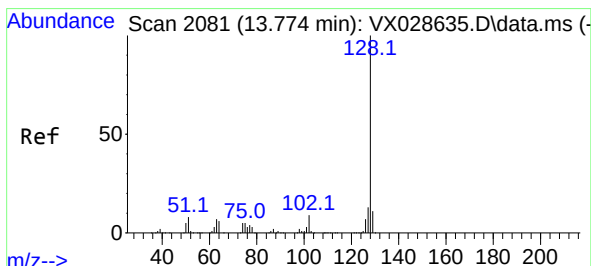
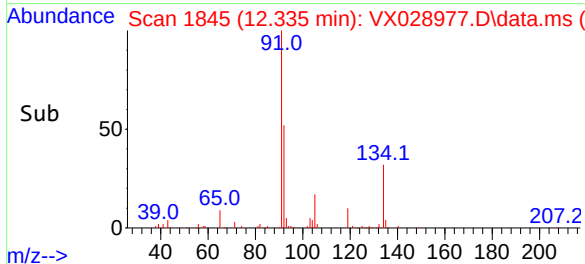
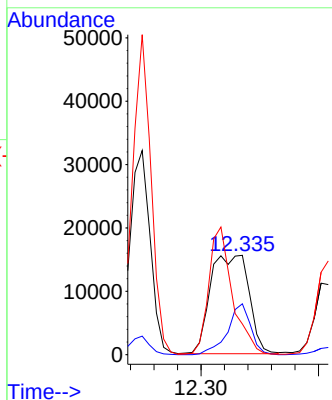
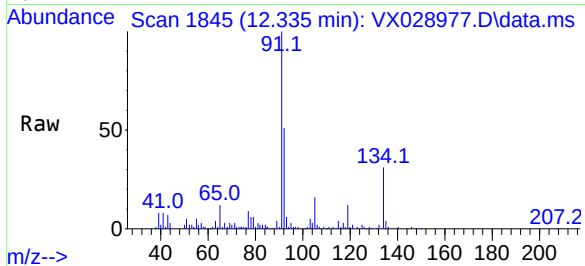




#89
n-Butylbenzene
Concen: 2.334 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028977.D
Acq: 26 May 2022 02:42

Instrument :
MSVOA_X
ClientSampleId :
MW-10

Tgt Ion: 91 Resp: 35640
Ion Ratio Lower Upper
91 100
92 30.8 27.8 83.3
134 79.1 13.3 39.8#



#95
Naphthalene
Concen: 0.989 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028977.D
Acq: 26 May 2022 02:42

Tgt Ion:128 Resp: 19566
Ion Ratio Lower Upper
128 100
127 20.9 10.2 15.4#
129 17.3 8.7 13.1#

