

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025479.D
 Acq On : 03 Dec 2021 13:59
 Operator : JC/MD
 Sample : M4917-07DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23DL

Quant Time: Dec 04 06:49:18 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)

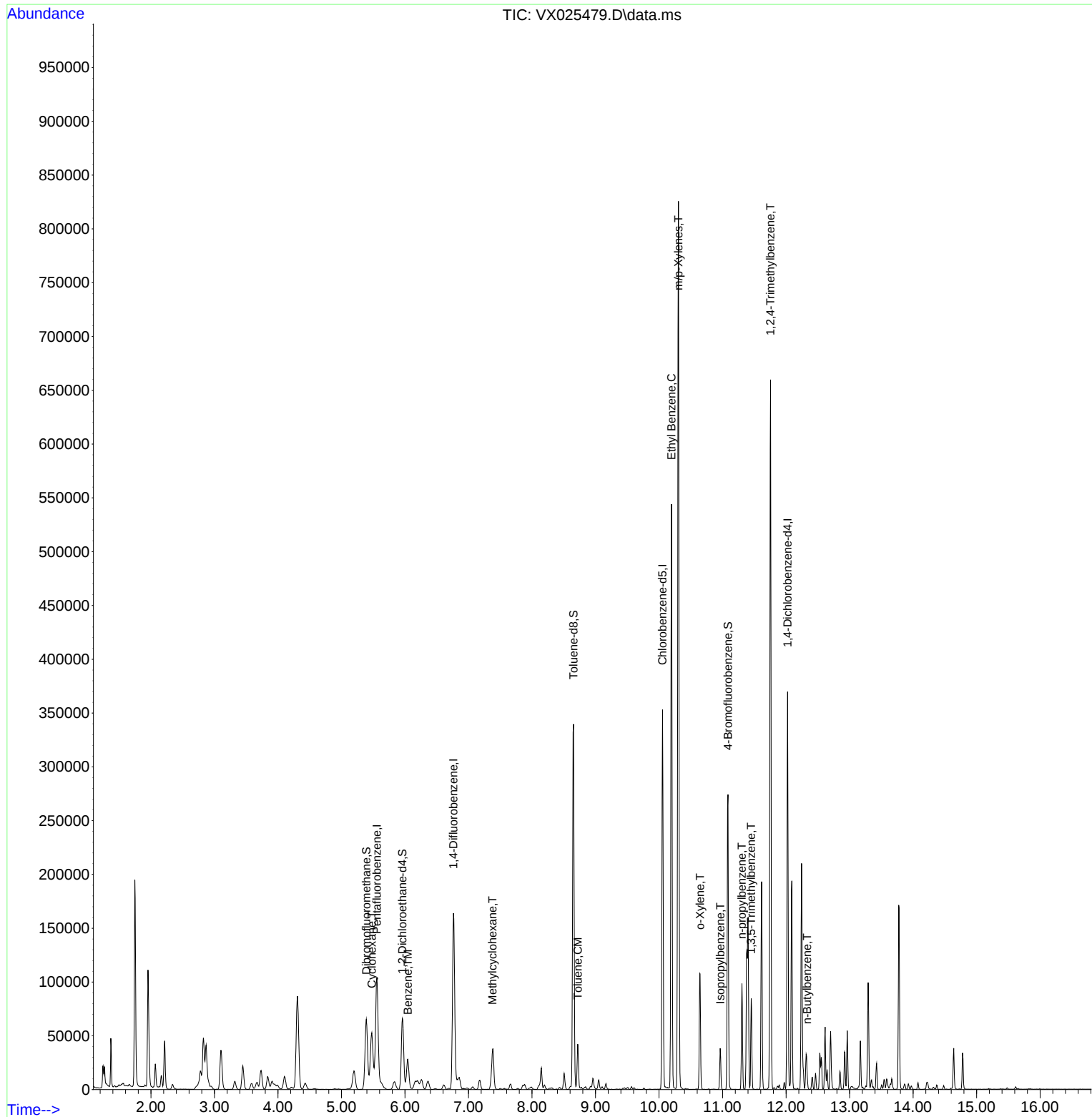
Internal Standards						
1) Pentafluorobenzene	5.556	168	104822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177926	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77096	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61668	55.81	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	111.62%		
35) Dibromofluoromethane	5.391	113	54913	50.30	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.60%		
50) Toluene-d8	8.653	98	207838	50.64	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.28%		
62) 4-Bromofluorobenzene	11.085	95	74096	47.72	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.44%		
Target Compounds					Qvalue	
31) Cyclohexane	5.477	56	36526	21.39	ug/l	95
39) Methylcyclohexane	7.379	83	17203	8.64	ug/l	98
40) Benzene	6.044	78	34420	7.32	ug/l	99
52) Toluene	8.720	92	15731	5.12	ug/l	98
67) Ethyl Benzene	10.195	91	309405	54.20	ug/l	97
68) m/p-Xylenes	10.305	106	197213	84.58	ug/l	93
69) o-Xylene	10.646	106	25299	11.09	ug/l	92
73) Isopropylbenzene	10.963	105	19663	3.58	ug/l	96
78) n-propylbenzene	11.305	91	59987	9.73	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	36124	7.82	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	293513	64.30	ug/l	95
89) n-Butylbenzene	12.329	91	5569	1.35	ug/l #	24

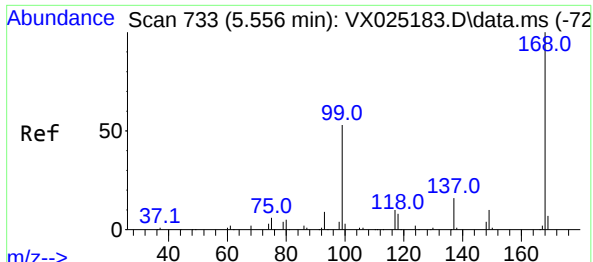
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
Data File : VX025479.D
Acq On : 03 Dec 2021 13:59
Operator : JC/MD
Sample : M4917-07DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23DL

Quant Time: Dec 04 06:49:18 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

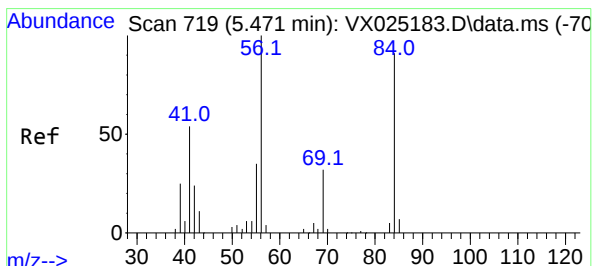
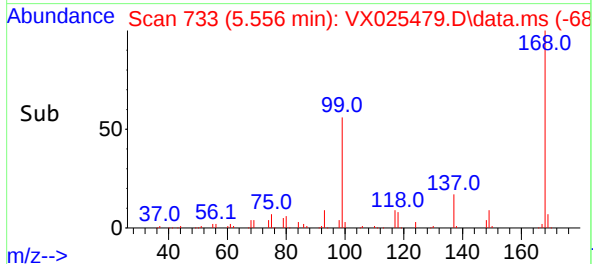
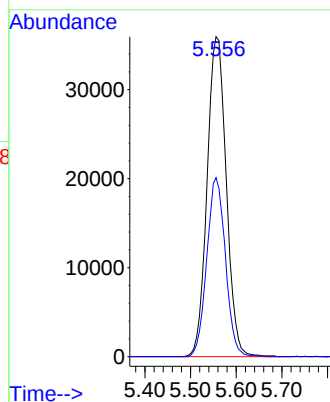
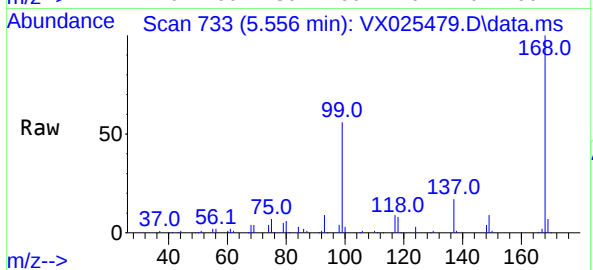




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025479.D
Acq: 03 Dec 2021 13:59

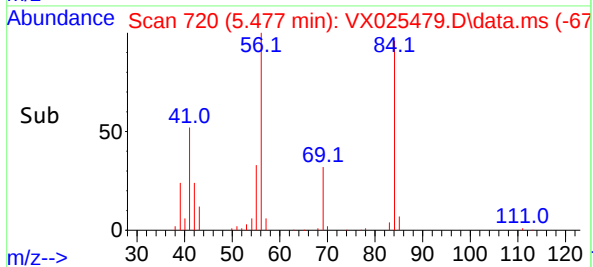
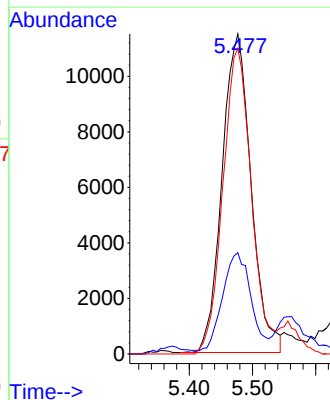
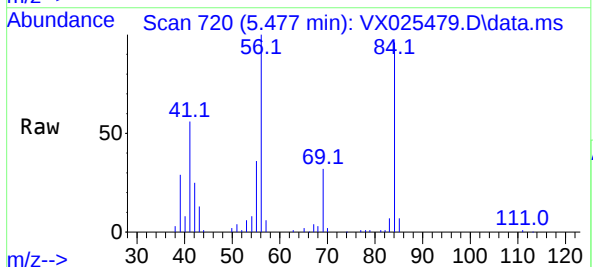
Instrument :
MSVOA_X
ClientSampleId :
MW-23DL

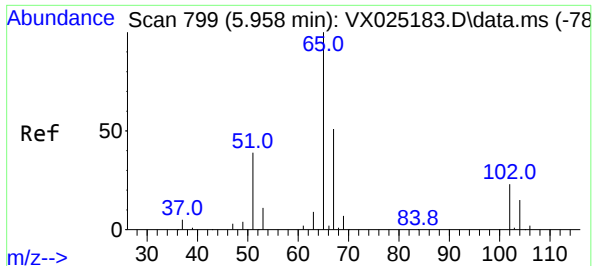
Tgt Ion:168 Resp: 104822
Ion Ratio Lower Upper
168 100
99 55.9 46.4 69.6



#31
Cyclohexane
Concen: 21.39 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX025479.D
Acq: 03 Dec 2021 13:59

Tgt Ion: 56 Resp: 36526
Ion Ratio Lower Upper
56 100
69 30.2 24.2 36.2
84 95.9 71.5 107.3





#33

1,2-Dichloroethane-d4

Concen: 55.81 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025479.D

Acq: 03 Dec 2021 13:59

Instrument :

MSVOA_X

ClientSampleId :

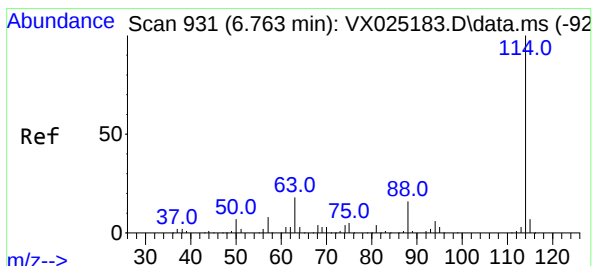
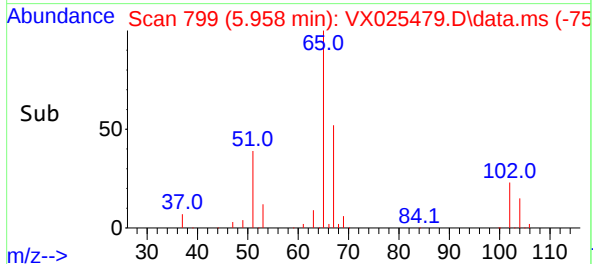
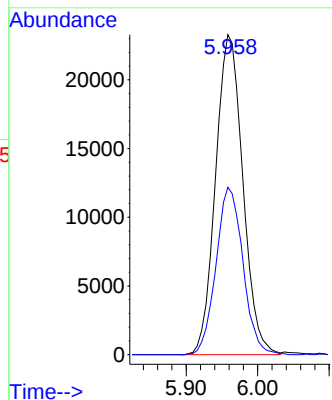
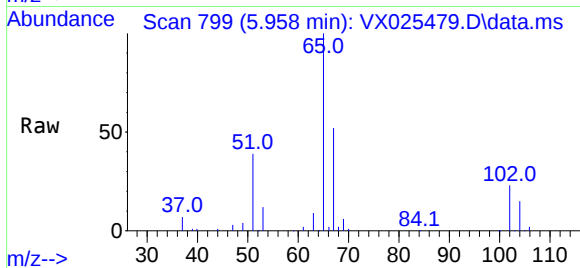
MW-23DL

Tgt Ion: 65 Resp: 61668

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX025479.D

Acq: 03 Dec 2021 13:59

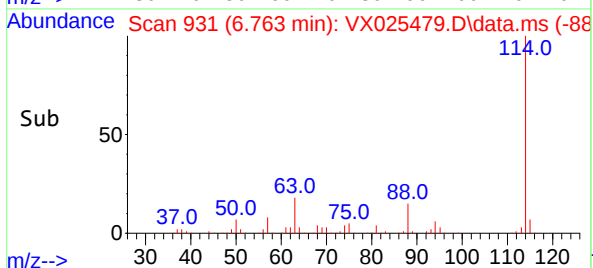
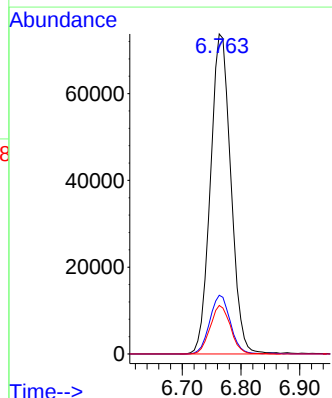
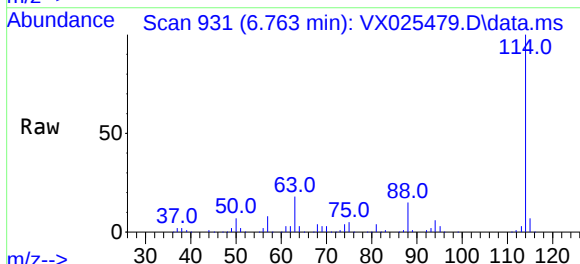
Tgt Ion: 114 Resp: 177926

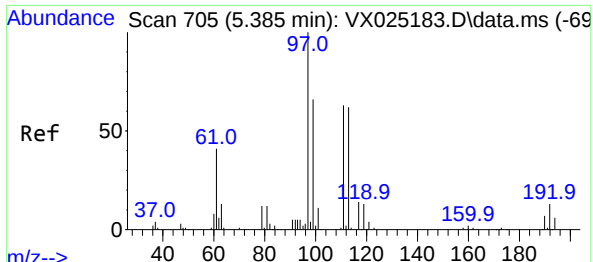
Ion Ratio Lower Upper

114 100

63 18.4 0.0 41.0

88 15.2 0.0 34.8

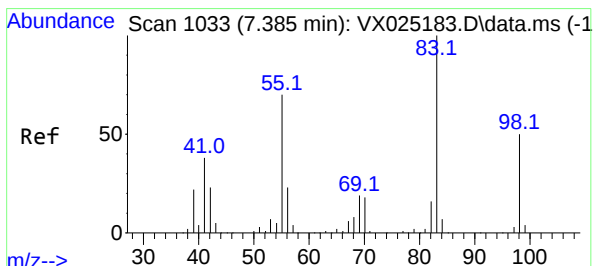
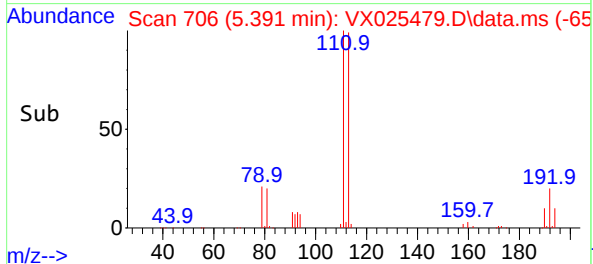
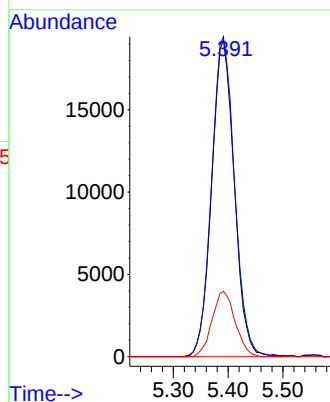
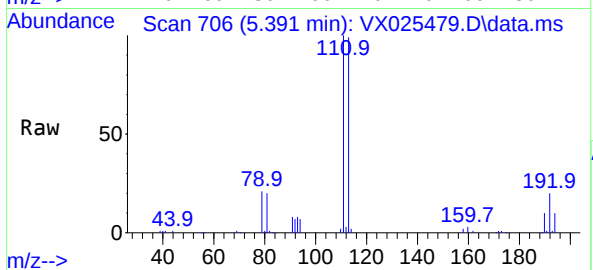




#35
Dibromofluoromethane
Concen: 50.30 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025479.D
Acq: 03 Dec 2021 13:59

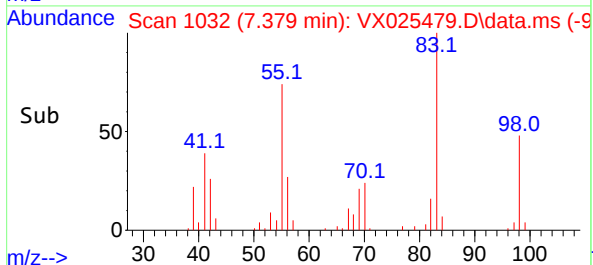
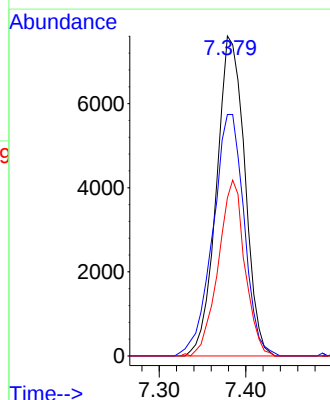
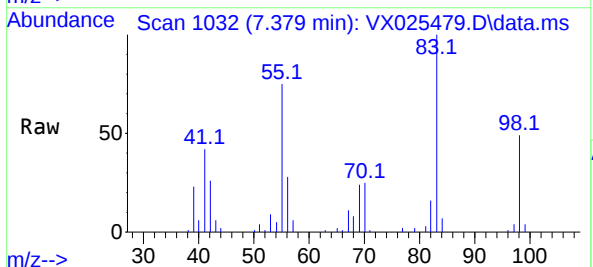
Instrument :
MSVOA_X
ClientSampleId :
MW-23DL

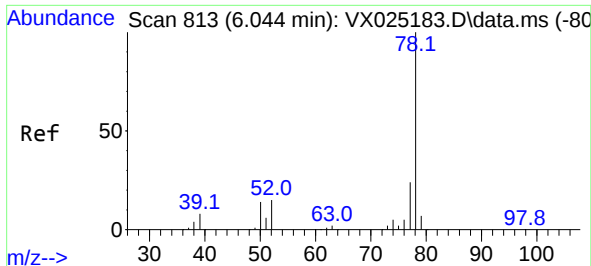
Tgt Ion:113 Resp: 54913
Ion Ratio Lower Upper
113 100
111 102.7 82.1 123.1
192 21.1 15.6 23.4



#39
Methylcyclohexane
Concen: 8.64 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX025479.D
Acq: 03 Dec 2021 13:59

Tgt Ion: 83 Resp: 17203
Ion Ratio Lower Upper
83 100
55 75.5 60.8 91.2
98 49.4 37.0 55.4

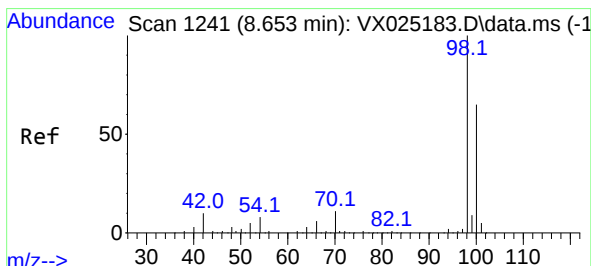
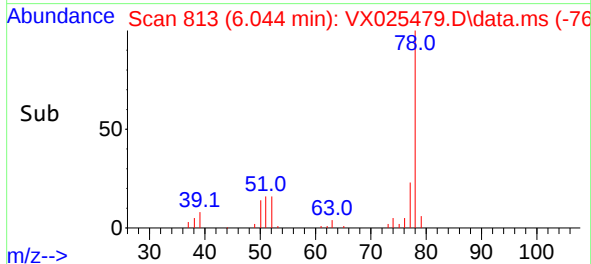
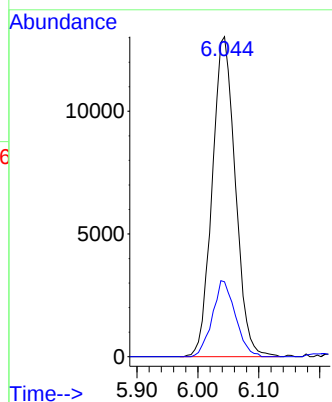
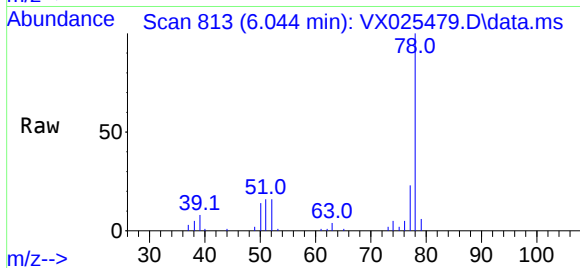




#40
Benzene
Concen: 7.32 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX025479.D
Acq: 03 Dec 2021 13:59

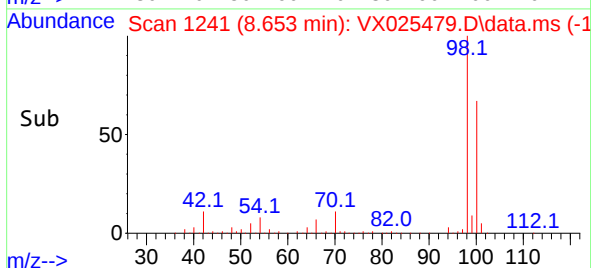
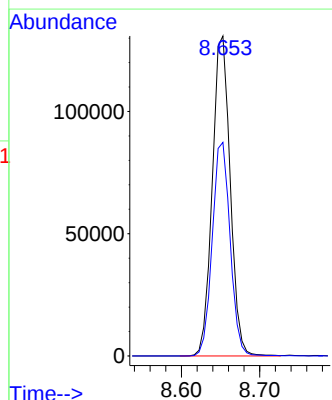
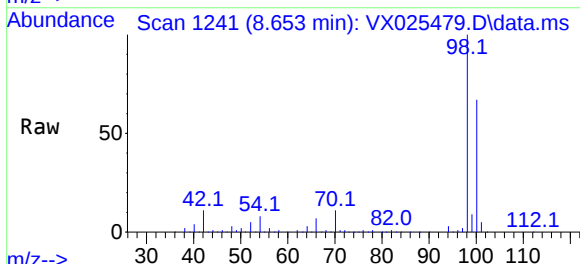
Instrument :
MSVOA_X
ClientSampleId :
MW-23DL

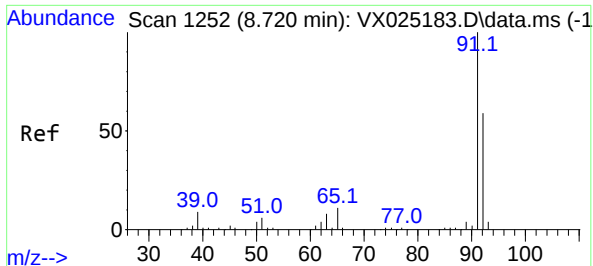
Tgt Ion: 78 Resp: 34420
Ion Ratio Lower Upper
78 100
77 23.4 18.3 27.5



#50
Toluene-d8
Concen: 50.64 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025479.D
Acq: 03 Dec 2021 13:59

Tgt Ion: 98 Resp: 207838
Ion Ratio Lower Upper
98 100
100 66.6 51.4 77.0

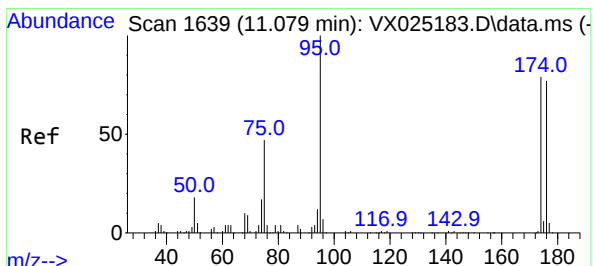
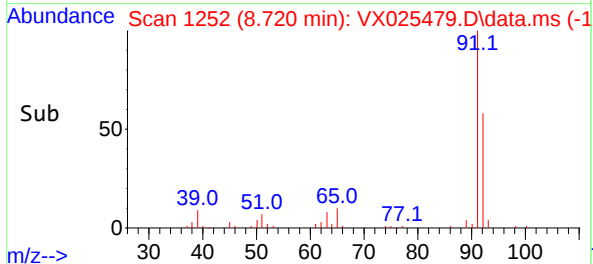
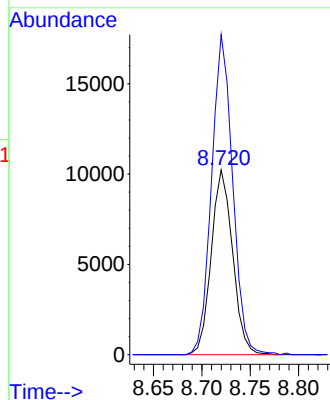
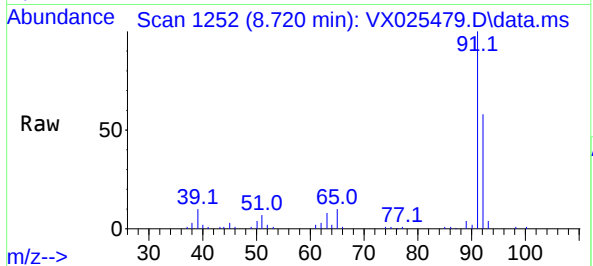




#52
Toluene
Concen: 5.12 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025479.D
Acq: 03 Dec 2021 13:59

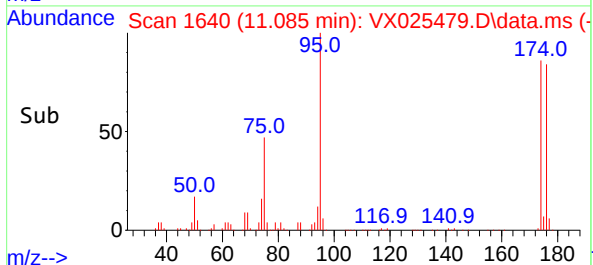
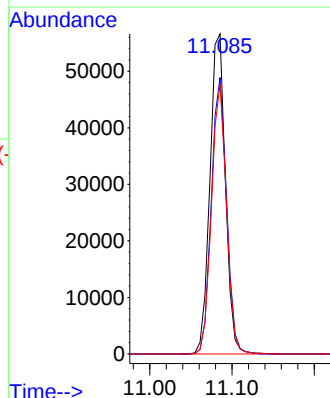
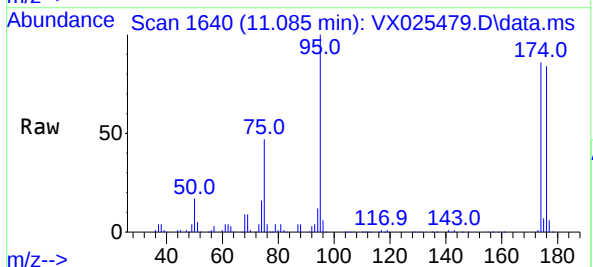
Instrument :
MSVOA_X
ClientSampleId :
MW-23DL

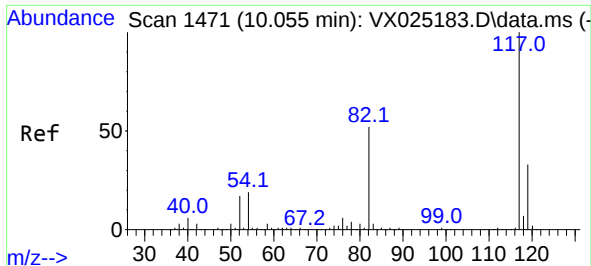
Tgt Ion: 92 Resp: 15731
Ion Ratio Lower Upper
92 100
91 171.1 138.6 208.0



#62
4-Bromofluorobenzene
Concen: 47.72 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025479.D
Acq: 03 Dec 2021 13:59

Tgt Ion: 95 Resp: 74096
Ion Ratio Lower Upper
95 100
174 85.0 0.0 158.0
176 81.6 0.0 153.6

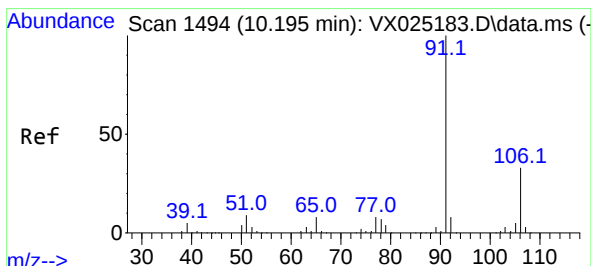
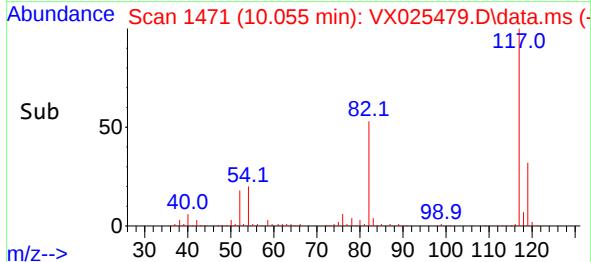
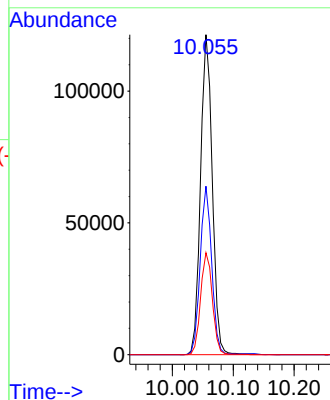
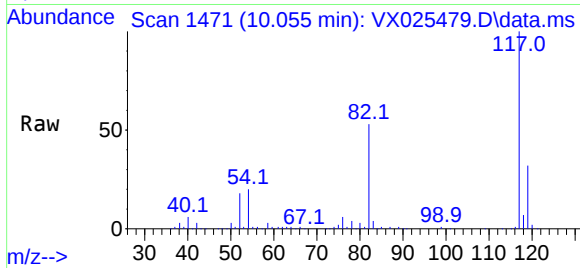




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025479.D
Acq: 03 Dec 2021 13:59

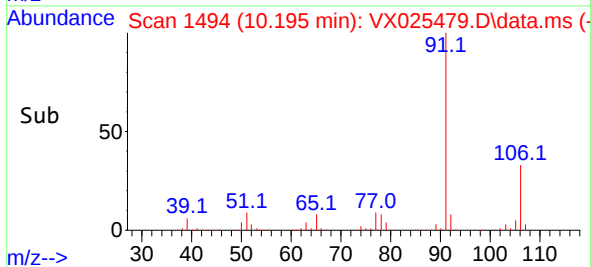
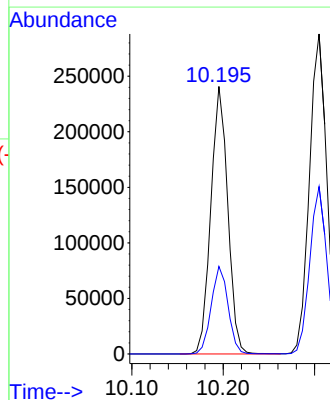
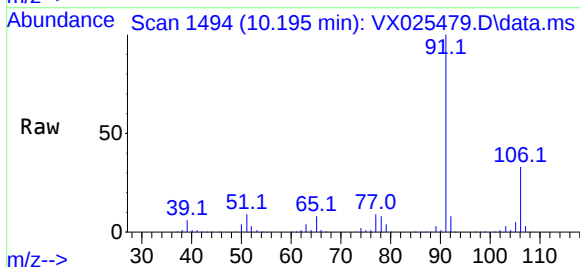
Instrument :
MSVOA_X
ClientSampleId :
MW-23DL

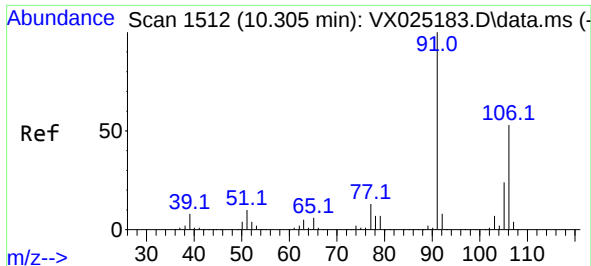
Tgt Ion:117 Resp: 162110
Ion Ratio Lower Upper
117 100
82 52.7 44.6 67.0
119 31.9 24.8 37.2



#67
Ethyl Benzene
Concen: 54.20 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025479.D
Acq: 03 Dec 2021 13:59

Tgt Ion: 91 Resp: 309405
Ion Ratio Lower Upper
91 100
106 32.7 24.7 37.1

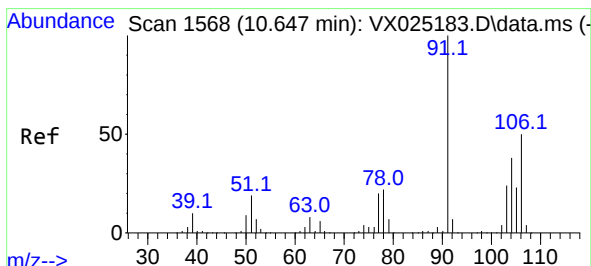
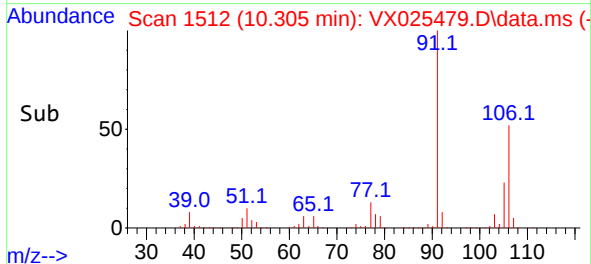
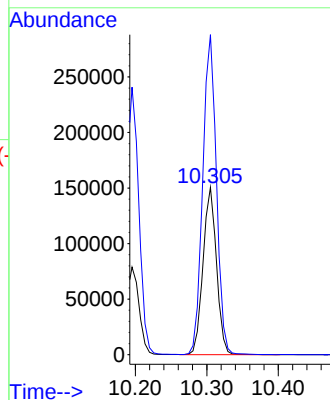
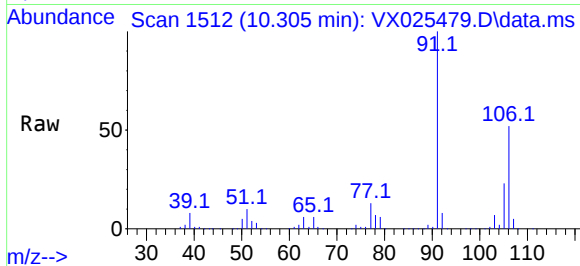




#68
m/p-Xylenes
Concen: 84.58 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025479.D
Acq: 03 Dec 2021 13:59

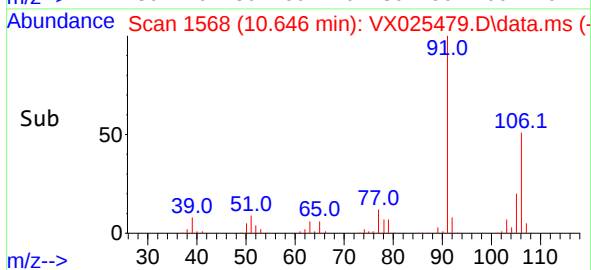
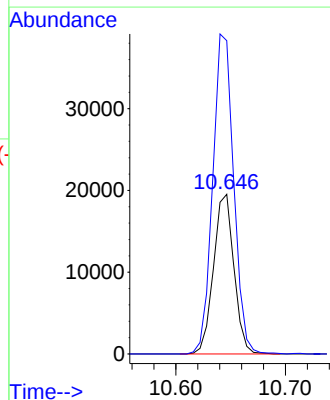
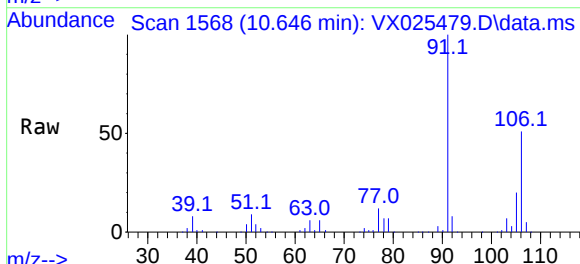
Instrument :
MSVOA_X
ClientSampleId :
MW-23DL

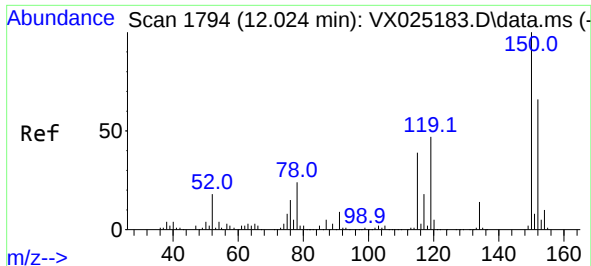
Tgt Ion:106 Resp: 197213
Ion Ratio Lower Upper
106 100
91 194.0 163.4 245.0



#69
o-Xylene
Concen: 11.09 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX025479.D
Acq: 03 Dec 2021 13:59

Tgt Ion:106 Resp: 25299
Ion Ratio Lower Upper
106 100
91 205.6 109.5 328.4

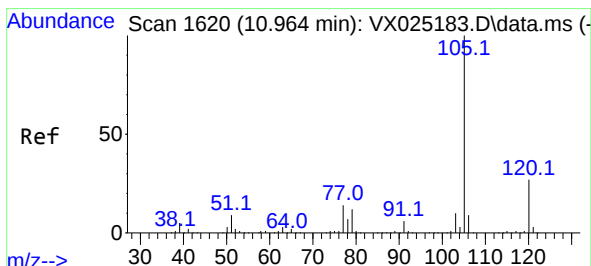
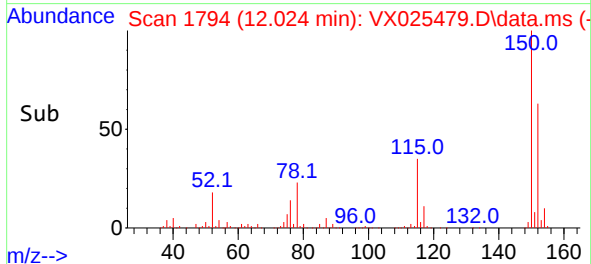
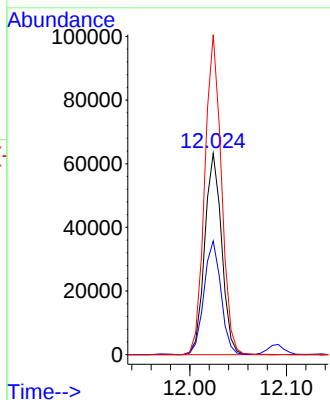
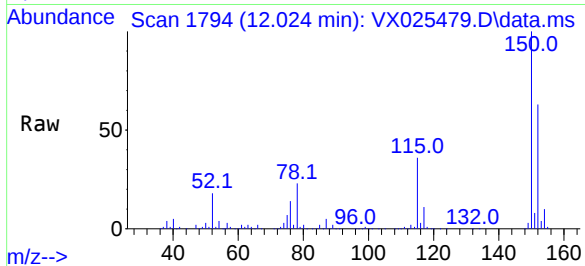




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025479.D
Acq: 03 Dec 2021 13:59

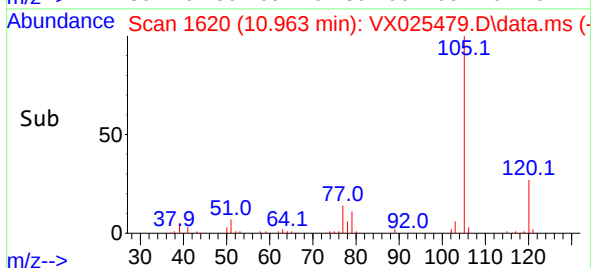
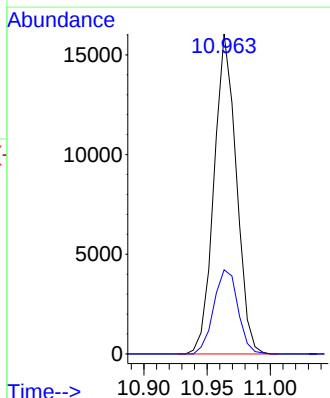
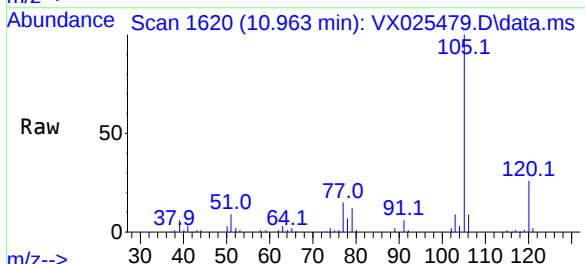
Instrument :
MSVOA_X
ClientSampleId :
MW-23DL

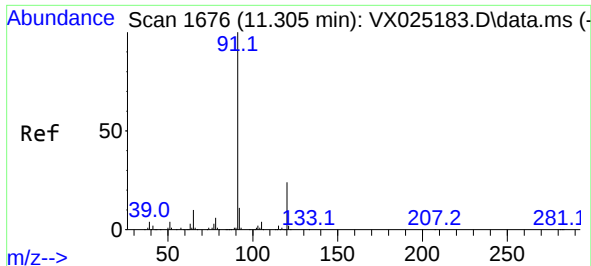
Tgt Ion:152 Resp: 77096
Ion Ratio Lower Upper
152 100
115 56.9 43.3 129.8
150 156.4 0.0 351.2



#73
Isopropylbenzene
Concen: 3.58 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX025479.D
Acq: 03 Dec 2021 13:59

Tgt Ion:105 Resp: 19663
Ion Ratio Lower Upper
105 100
120 28.4 13.3 39.8

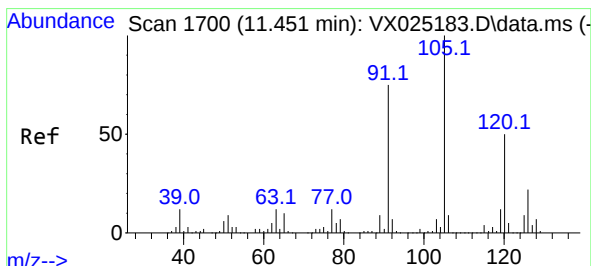
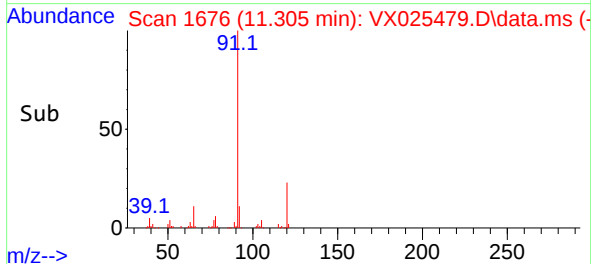
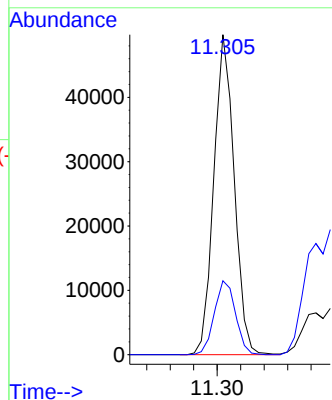
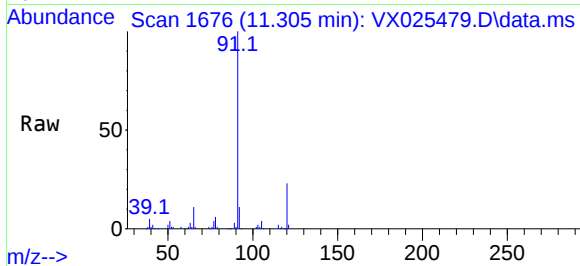




#78
n-propylbenzene
Concen: 9.73 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025479.D
Acq: 03 Dec 2021 13:59

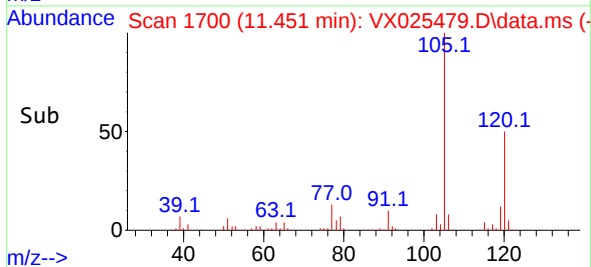
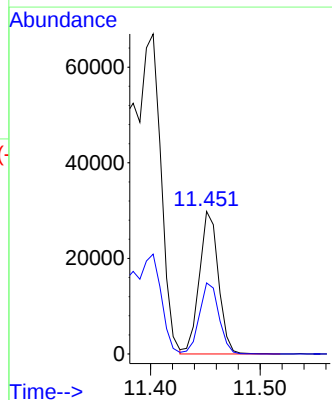
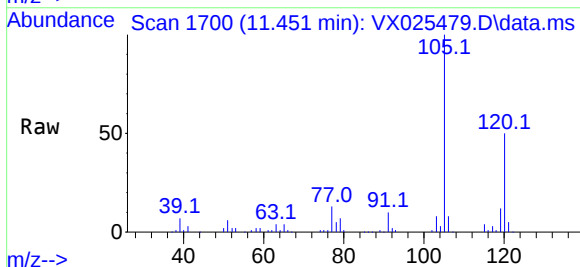
Instrument :
MSVOA_X
ClientSampleId :
MW-23DL

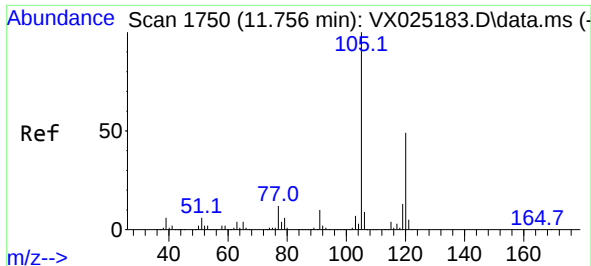
Tgt Ion: 91 Resp: 59987
Ion Ratio Lower Upper
91 100
120 23.9 11.7 35.0



#80
1,3,5-Trimethylbenzene
Concen: 7.82 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX025479.D
Acq: 03 Dec 2021 13:59

Tgt Ion: 105 Resp: 36124
Ion Ratio Lower Upper
105 100
120 51.0 23.8 71.5

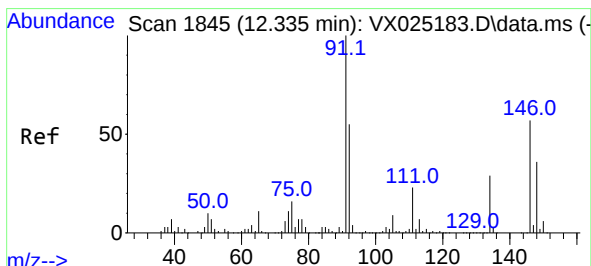
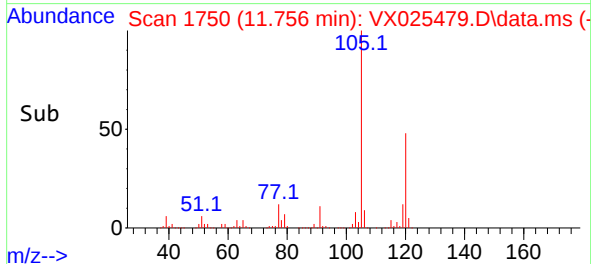
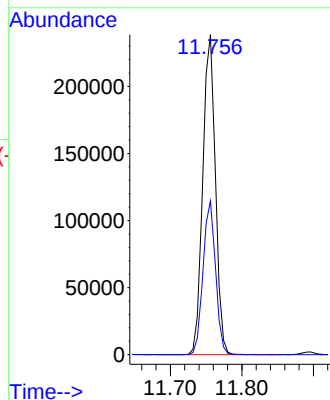
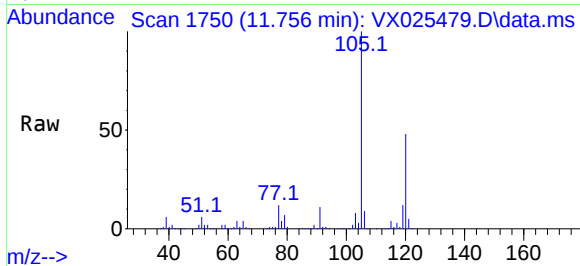




#84
1,2,4-Trimethylbenzene
Concen: 64.30 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025479.D
Acq: 03 Dec 2021 13:59

Instrument :
MSVOA_X
ClientSampleId :
MW-23DL

Tgt Ion:105 Resp: 293513
Ion Ratio Lower Upper
105 100
120 47.5 22.1 66.3



#89
n-Butylbenzene
Concen: 1.35 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX025479.D
Acq: 03 Dec 2021 13:59

Tgt Ion: 91 Resp: 5569
Ion Ratio Lower Upper
91 100
92 32.8 26.3 78.8
134 113.9 13.0 38.9#

