

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
 Data File : VX029662.D
 Acq On : 21 Jun 2022 14:59
 Operator : JC/MD
 Sample : N3286-03DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2DDL

Quant Time: Jun 22 01:11:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

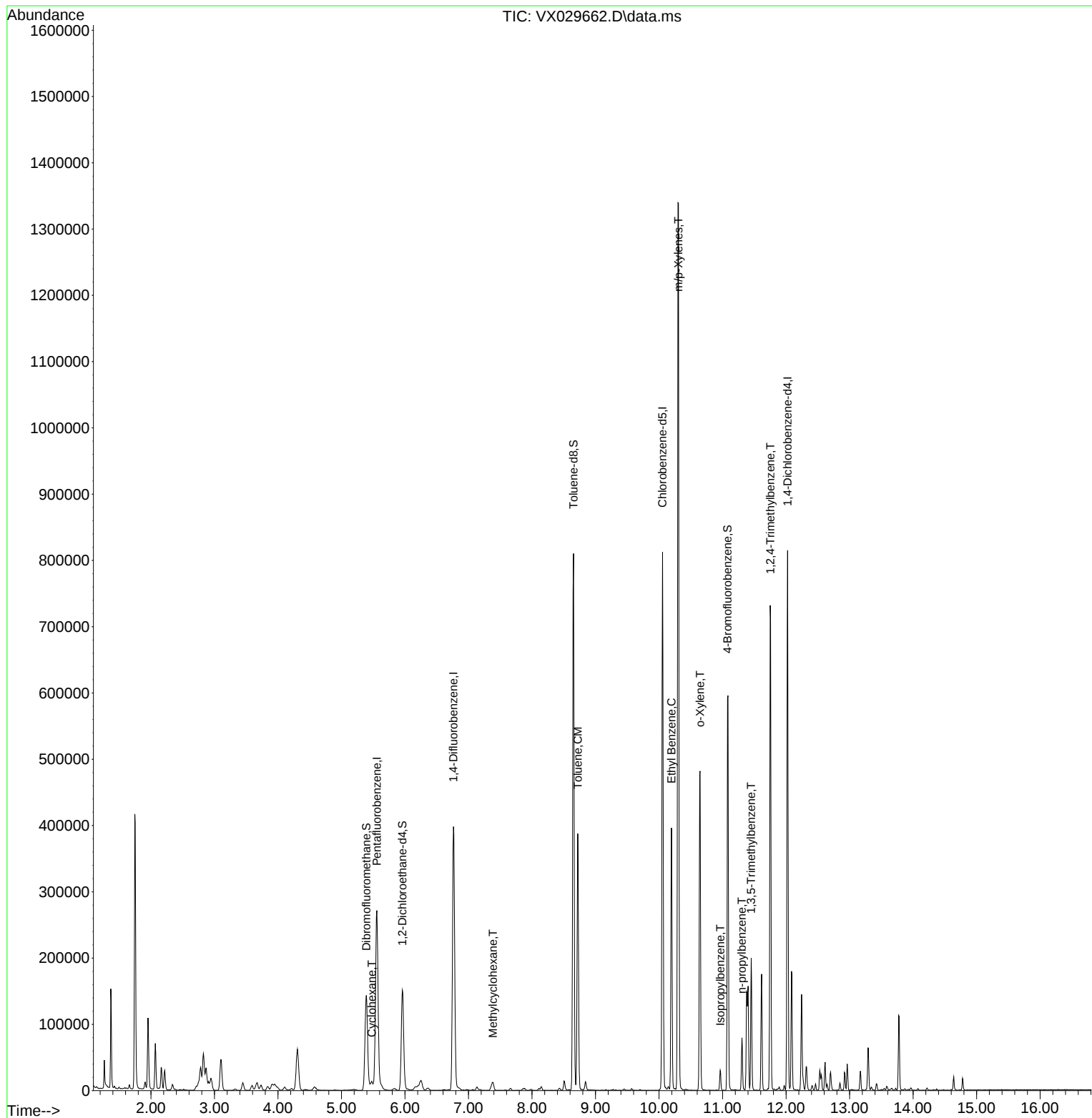
Internal Standards						
1) Pentafluorobenzene	5.556	168	261025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	436110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	380231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	145262	42.041	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.080%
35) Dibromofluoromethane	5.391	113	127619	44.904	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.800%
50) Toluene-d8	8.653	98	488839	47.082	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.160%
62) 4-Bromofluorobenzene	11.079	95	176522	45.084	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.160%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.477	56	8802	1.897	ug/l	92
39) Methylcyclohexane	7.385	83	5203	1.085	ug/l #	88
52) Toluene	8.720	92	152015	20.820	ug/l	96
67) Ethyl Benzene	10.195	91	226897	16.906	ug/l	97
68) m/p-Xylenes	10.305	106	341945	65.331	ug/l	99
69) o-Xylene	10.646	106	112271	21.711	ug/l	96
73) Isopropylbenzene	10.964	105	16091	1.268	ug/l	99
78) n-propylbenzene	11.305	91	49651	3.475	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	84827	7.939	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	335373	31.473	ug/l	99

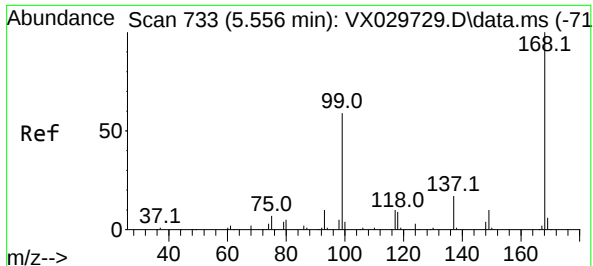
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

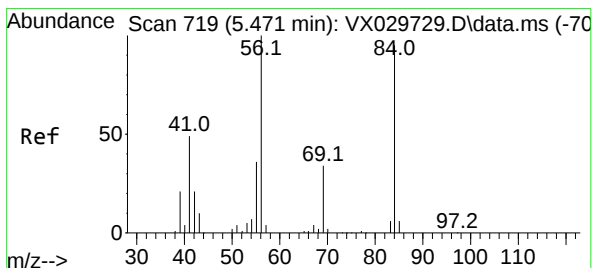
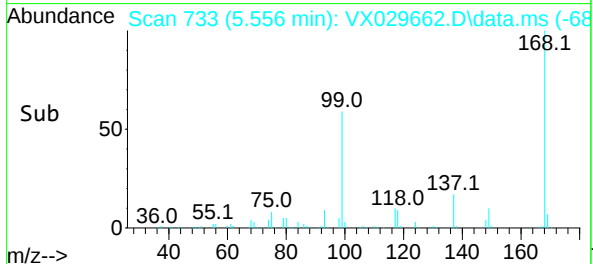
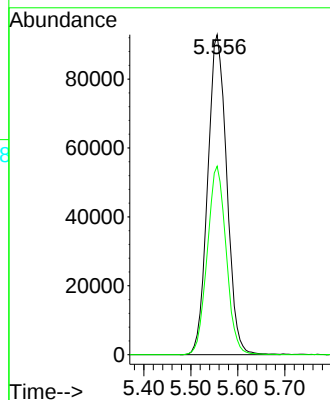
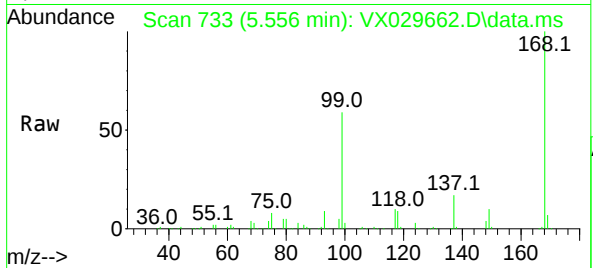




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029662.D
Acq: 21 Jun 2022 14:59

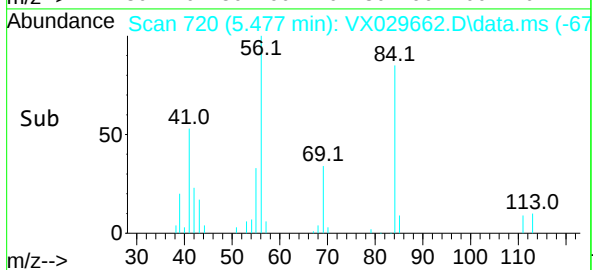
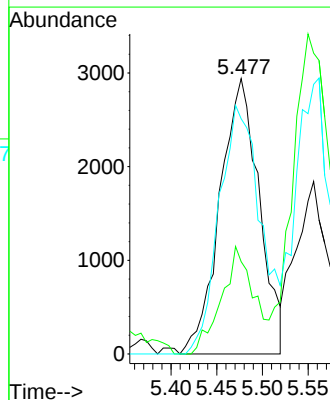
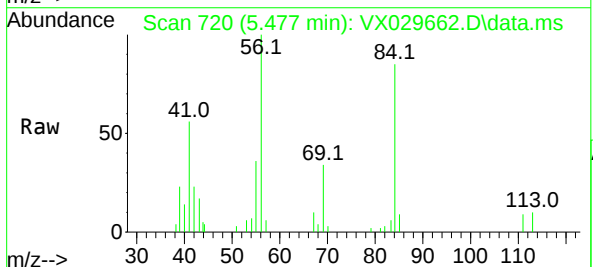
Instrument :
MSVOA_X
ClientSampleId :
MW-2DDL

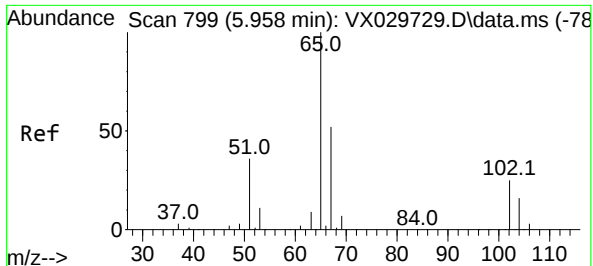
Tgt Ion:168 Resp: 261025
Ion Ratio Lower Upper
168 100
99 58.9 41.7 62.5



#31
Cyclohexane
Concen: 1.897 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX029662.D
Acq: 21 Jun 2022 14:59

Tgt Ion: 56 Resp: 8802
Ion Ratio Lower Upper
56 100
69 33.5 26.7 40.1
84 85.4 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 42.041 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029662.D

Acq: 21 Jun 2022 14:59

Instrument :

MSVOA_X

ClientSampleId :

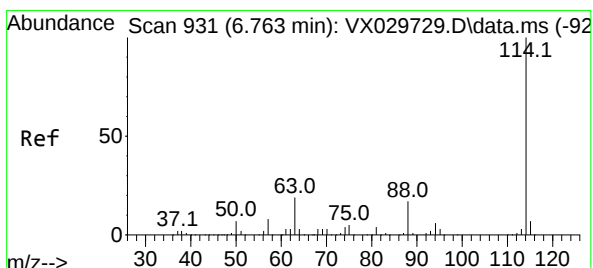
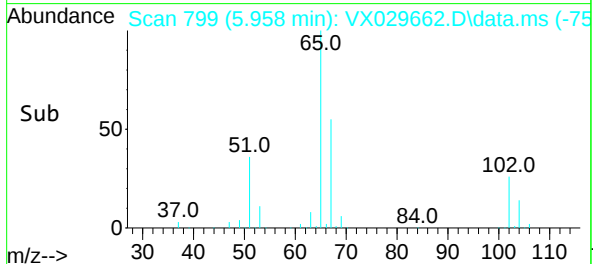
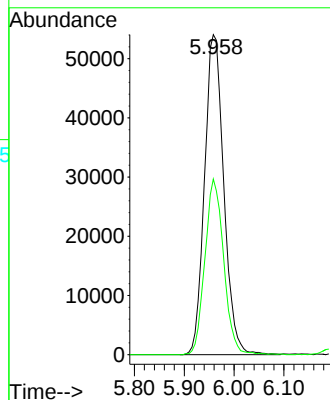
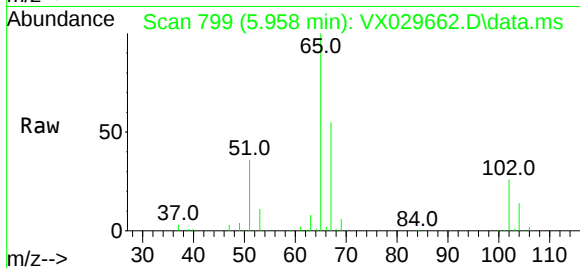
MW-2DDL

Tgt Ion: 65 Resp: 145262

Ion Ratio Lower Upper

65 100

67 53.5 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: VX029662.D

Acq: 21 Jun 2022 14:59

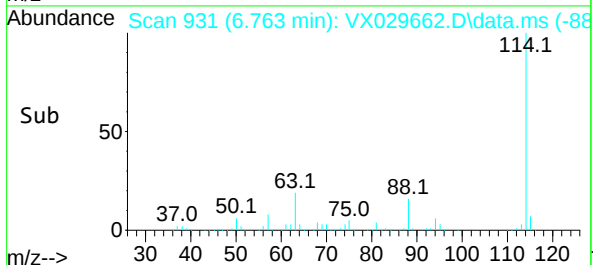
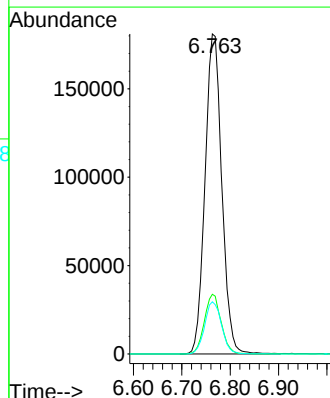
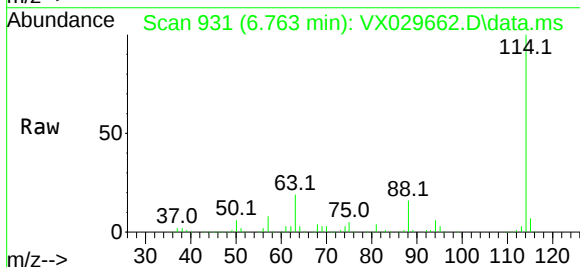
Tgt Ion: 114 Resp: 436110

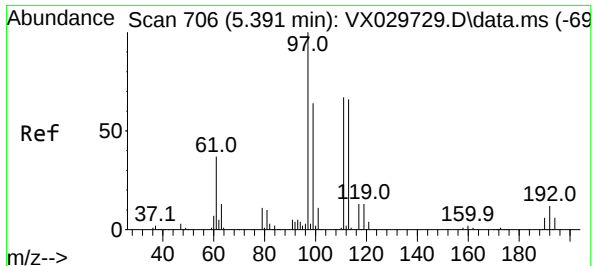
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

88 16.3 0.0 32.4

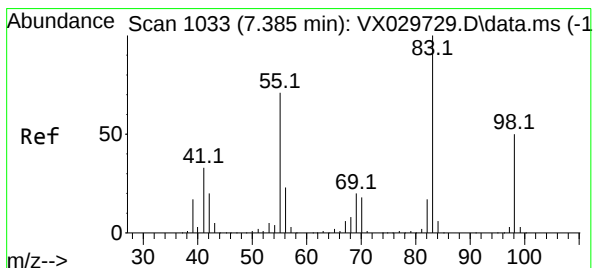
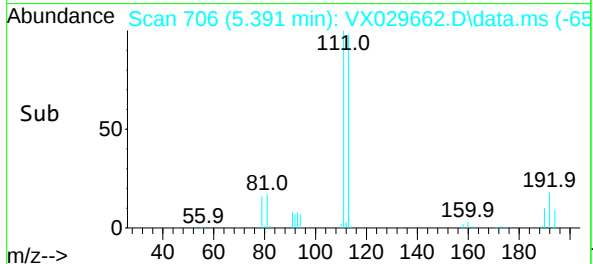
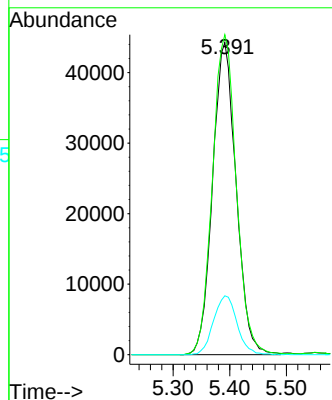
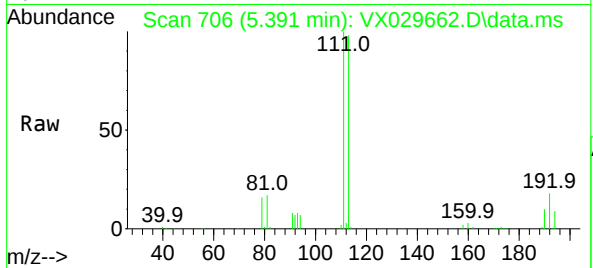




#35
Dibromofluoromethane
Concen: 44.904 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029662.D
Acq: 21 Jun 2022 14:59

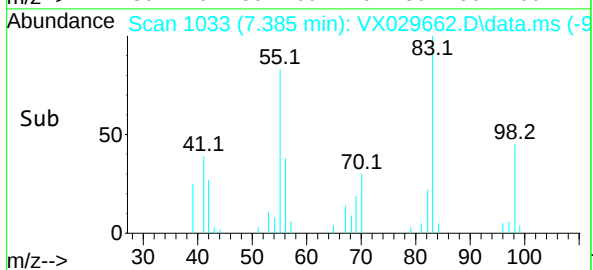
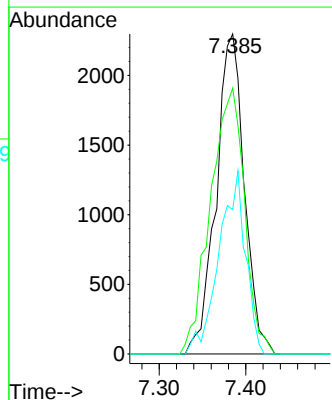
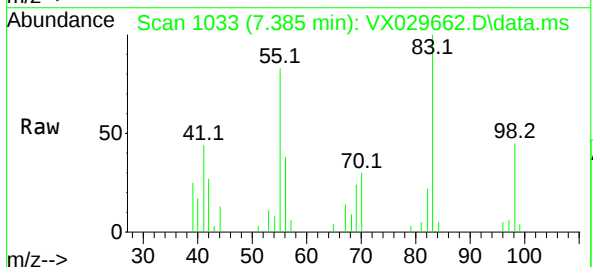
Instrument :
MSVOA_X
ClientSampleId :
MW-2DDL

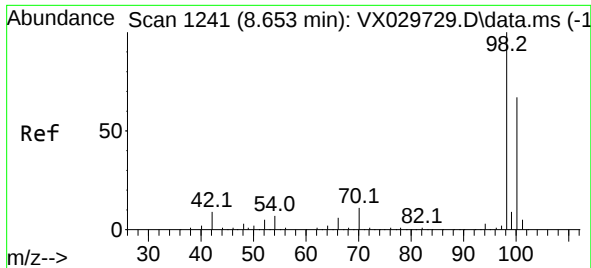
Tgt Ion:113 Resp: 127619
Ion Ratio Lower Upper
113 100
111 104.1 82.8 124.2
192 18.9 16.9 25.3



#39
Methylcyclohexane
Concen: 1.085 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029662.D
Acq: 21 Jun 2022 14:59

Tgt Ion: 83 Resp: 5203
Ion Ratio Lower Upper
83 100
55 83.1 54.6 81.8#
98 45.1 37.4 56.2

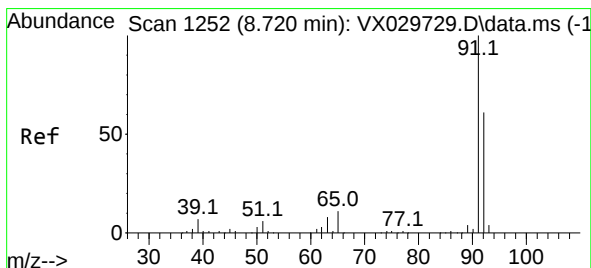
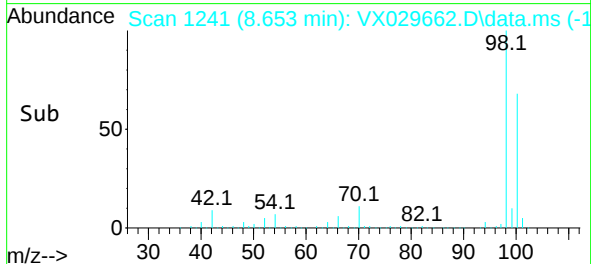
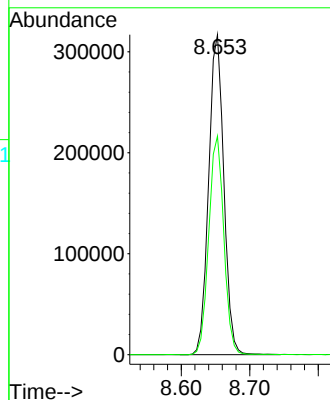
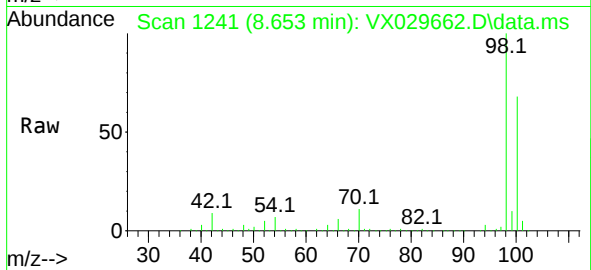




#50
Toluene-d8
Concen: 47.082 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029662.D
Acq: 21 Jun 2022 14:59

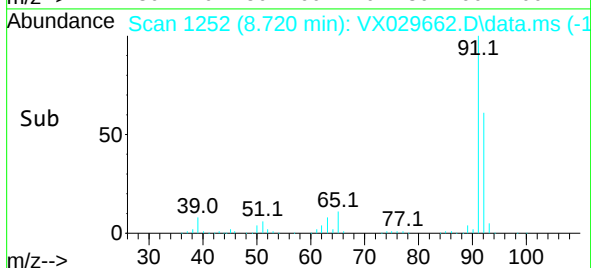
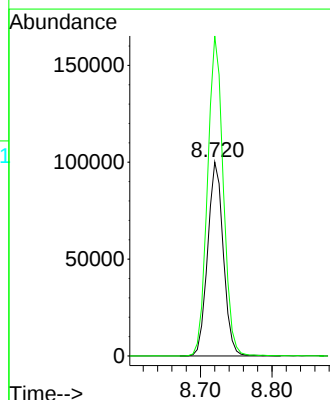
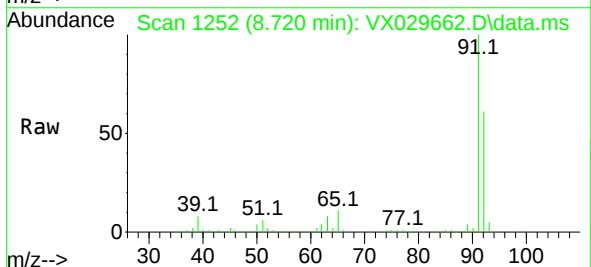
Instrument :
MSVOA_X
ClientSampleId :
MW-2DDL

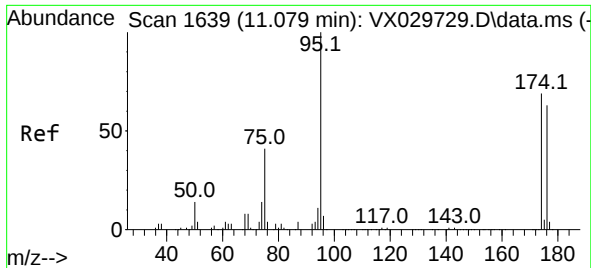
Tgt Ion: 98 Resp: 488839
Ion Ratio Lower Upper
98 100
100 67.8 52.6 78.8



#52
Toluene
Concen: 20.820 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX029662.D
Acq: 21 Jun 2022 14:59

Tgt Ion: 92 Resp: 152015
Ion Ratio Lower Upper
92 100
91 166.1 137.5 206.3

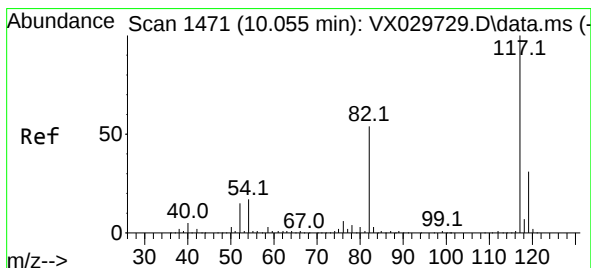
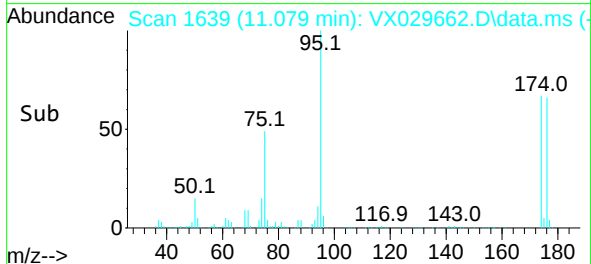
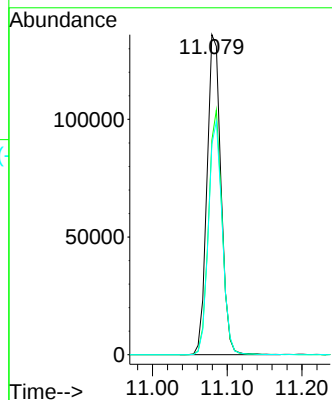
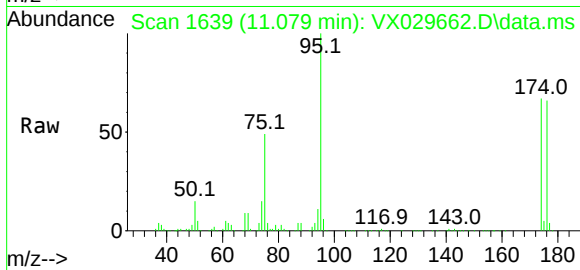




#62
4-Bromofluorobenzene
Concen: 45.084 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029662.D
Acq: 21 Jun 2022 14:59

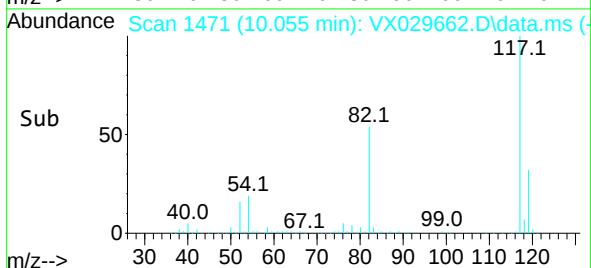
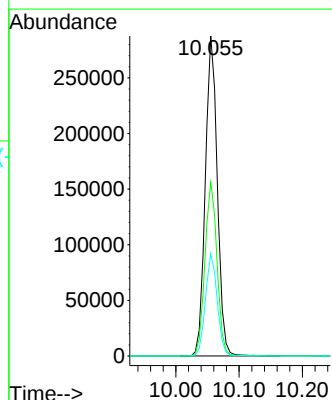
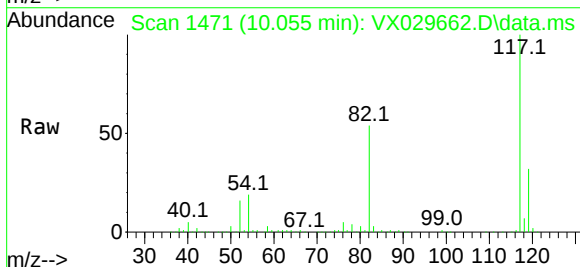
Instrument :
MSVOA_X
ClientSampleId :
MW-2DDL

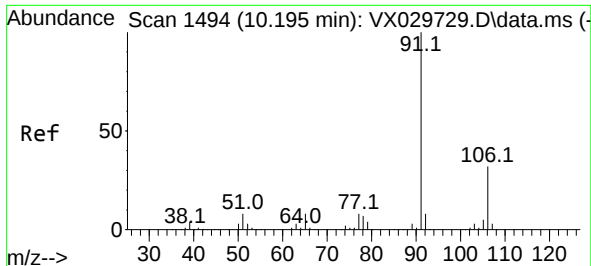
Tgt Ion: 95 Resp: 176522
Ion Ratio Lower Upper
95 100
174 74.0 0.0 163.0
176 71.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029662.D
Acq: 21 Jun 2022 14:59

Tgt Ion: 117 Resp: 380231
Ion Ratio Lower Upper
117 100
82 54.3 41.8 62.8
119 32.0 24.8 37.2





#67

Ethyl Benzene

Concen: 16.906 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX029662.D

Acq: 21 Jun 2022 14:59

Instrument :

MSVOA_X

ClientSampleId :

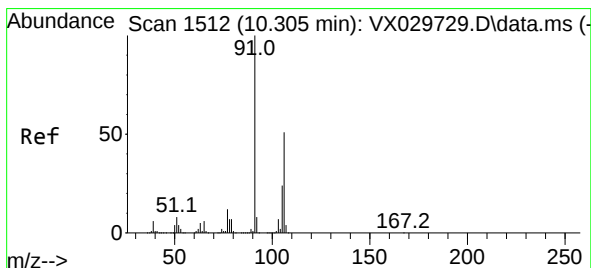
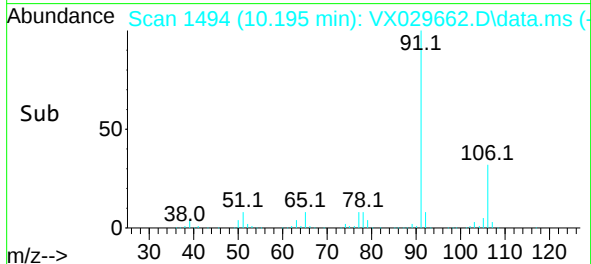
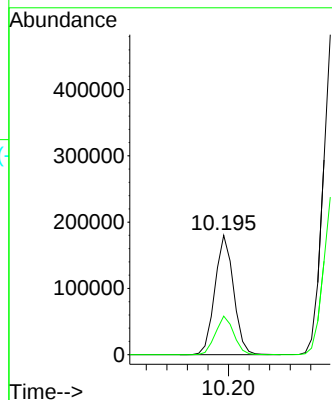
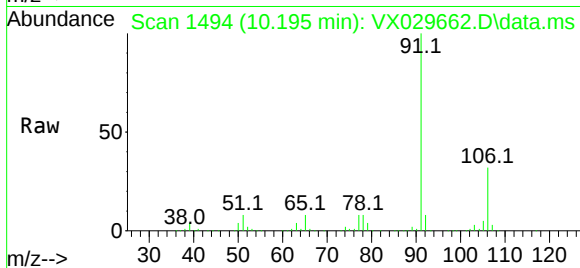
MW-2DDL

Tgt Ion: 91 Resp: 226897

Ion Ratio Lower Upper

91 100

106 32.3 24.6 36.8



#68

m/p-Xylenes

Concen: 65.331 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX029662.D

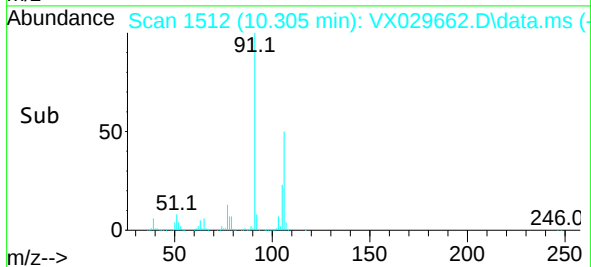
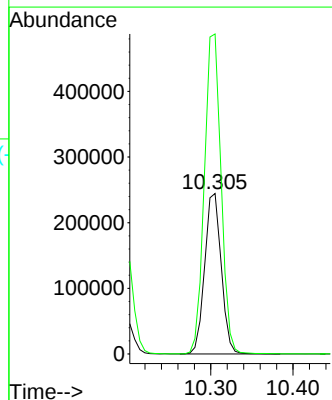
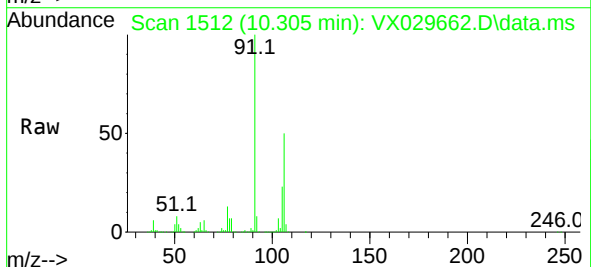
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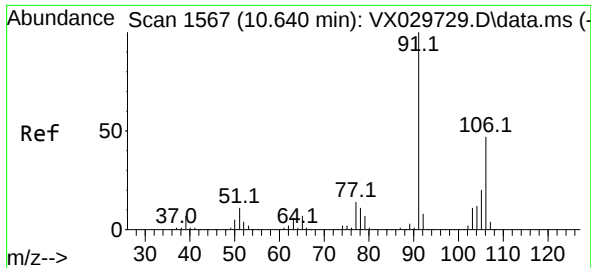
Tgt Ion: 106 Resp: 341945

Ion Ratio Lower Upper

106 100

91 201.3 160.4 240.6

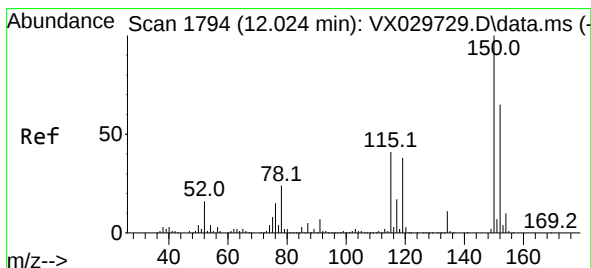
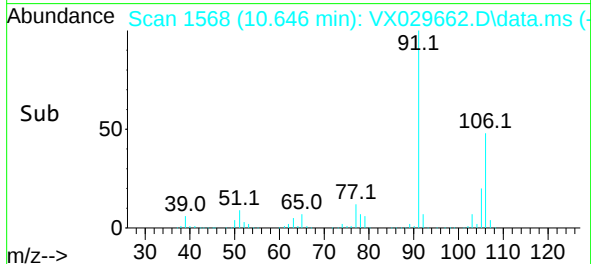
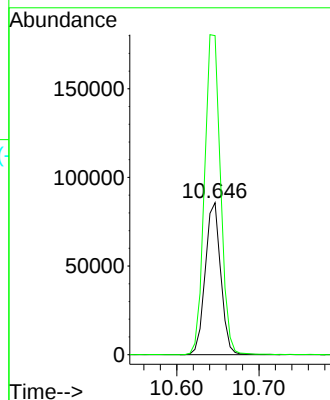
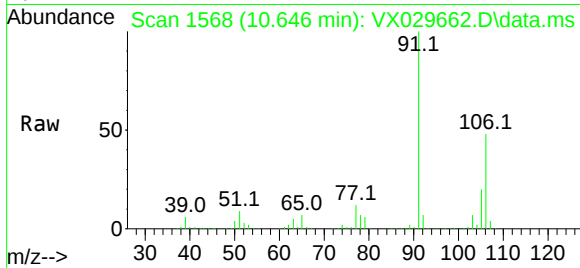




#69
o-Xylene
Concen: 21.711 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029662.D
Acq: 21 Jun 2022 14:59

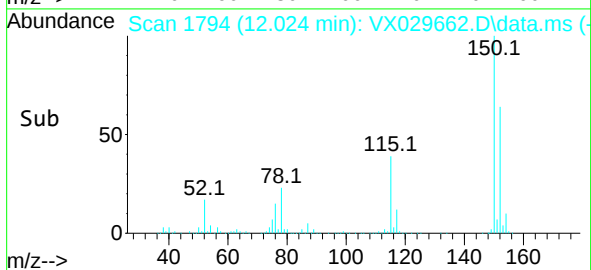
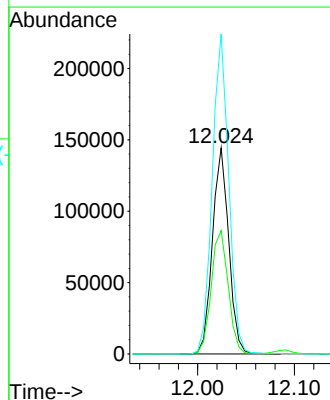
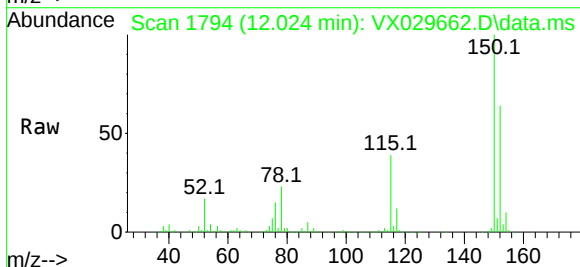
Instrument :
MSVOA_X
ClientSampleId :
MW-2DDL

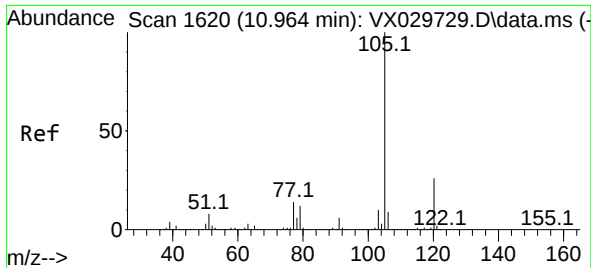
Tgt Ion:106 Resp: 112271
Ion Ratio Lower Upper
106 100
91 218.0 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029662.D
Acq: 21 Jun 2022 14:59

Tgt Ion:152 Resp: 169205
Ion Ratio Lower Upper
152 100
115 62.5 37.5 112.7
150 156.9 0.0 338.2

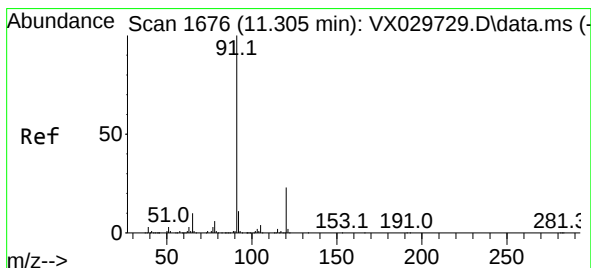
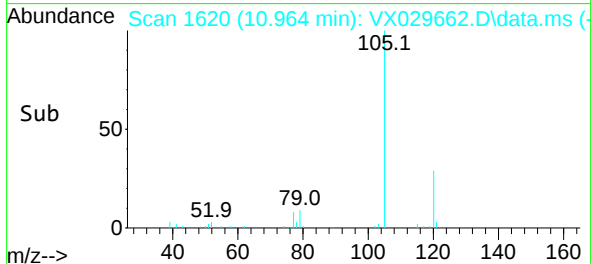
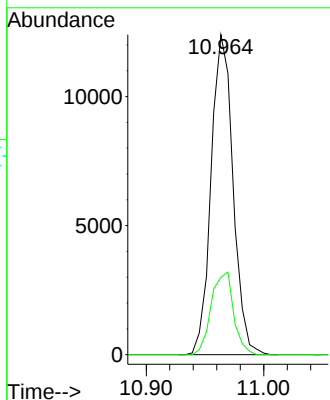
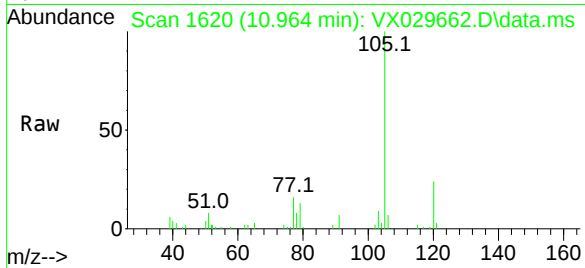




#73
Isopropylbenzene
Concen: 1.268 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX029662.D
Acq: 21 Jun 2022 14:59

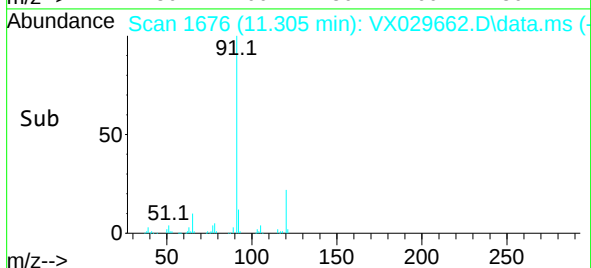
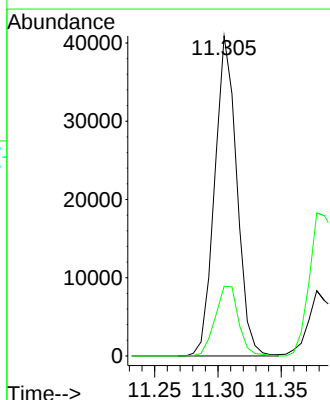
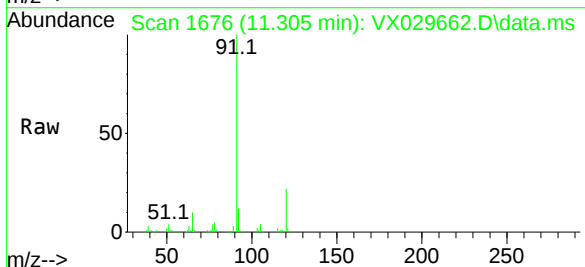
Instrument :
MSVOA_X
ClientSampleId :
MW-2DDL

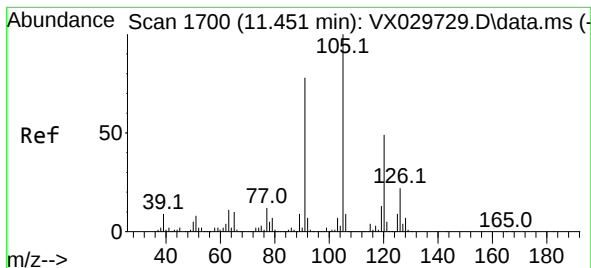
Tgt Ion:105 Resp: 16091
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.5



#78
n-propylbenzene
Concen: 3.475 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029662.D
Acq: 21 Jun 2022 14:59

Tgt Ion: 91 Resp: 49651
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8





#80

1,3,5-Trimethylbenzene

Concen: 7.939 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029662.D

Acq: 21 Jun 2022 14:59

Instrument :

MSVOA_X

ClientSampleId :

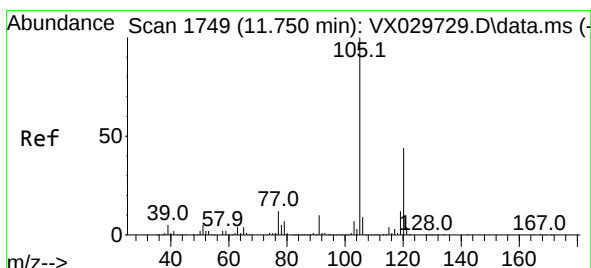
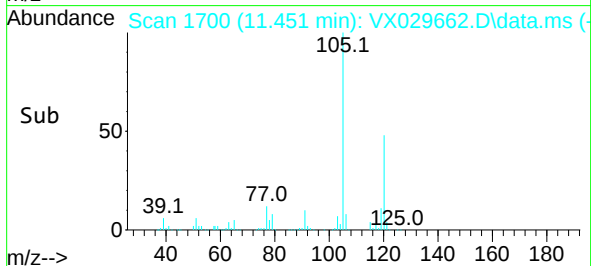
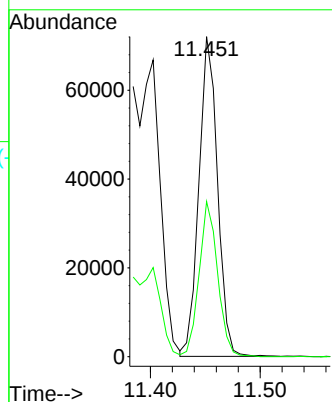
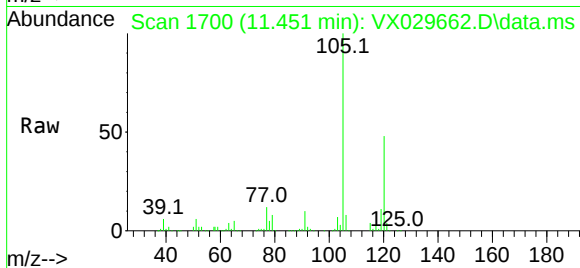
MW-2DDL

Tgt Ion:105 Resp: 84827

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.9



#84

1,2,4-Trimethylbenzene

Concen: 31.473 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX029662.D

Acq: 21 Jun 2022 14:59

Tgt Ion:105 Resp: 335373

Ion Ratio Lower Upper

105 100

120 44.5 22.6 67.8

