

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029616.D
 Acq On : 20 Jun 2022 12:34
 Operator : JC/MD
 Sample : N3325-03DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6DL

Quant Time: Jun 21 01:49:25 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)

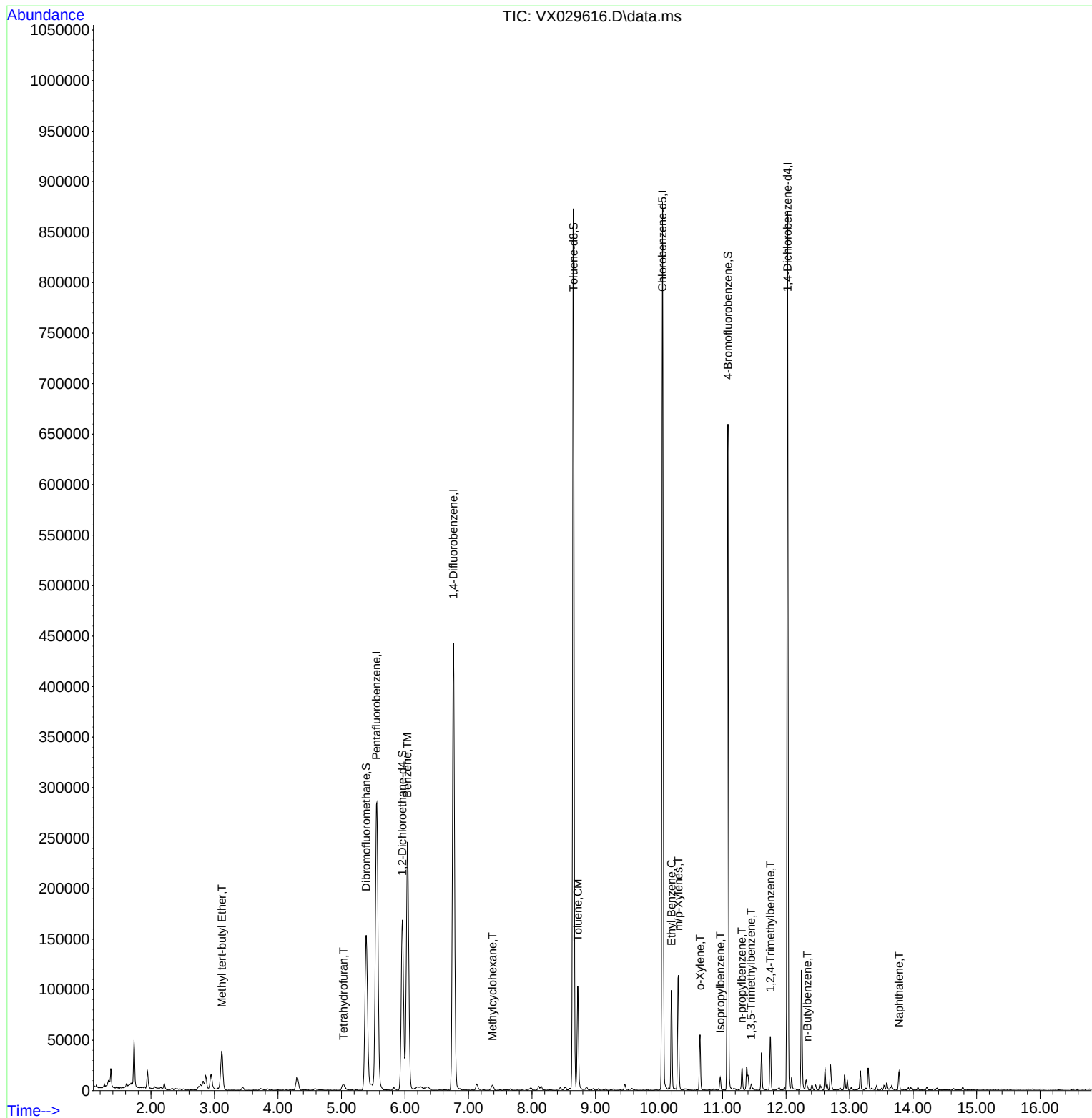
Internal Standards						
1) Pentafluorobenzene	5.550	168	280815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	474577	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	414154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161789	43.524	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.040%
35) Dibromofluoromethane	5.385	113	139003	44.945	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.880%
50) Toluene-d8	8.653	98	541625	47.938	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.880%
62) 4-Bromofluorobenzene	11.085	95	190280	44.659	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.320%
Target Compounds	Qvalue					
19) Methyl tert-butyl Ether	3.117	73	41883	4.241	ug/l	92
29) Tetrahydrofuran	5.032	42	6300	4.036	ug/l	90
39) Methylcyclohexane	7.379	83	2489	0.477	ug/l #	81
40) Benzene	6.037	78	309909	24.977	ug/l	96
52) Toluene	8.720	92	40425	5.088	ug/l	97
67) Ethyl Benzene	10.195	91	58557	4.006	ug/l	99
68) m/p-Xylenes	10.305	106	28401	4.982	ug/l	96
69) o-Xylene	10.646	106	12050	2.139	ug/l	94
73) Isopropylbenzene	10.963	105	6625	0.501	ug/l	99
78) n-propylbenzene	11.305	91	14494	0.974	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	2624	0.236	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	25050	2.257	ug/l	98
89) n-Butylbenzene	12.335	91	2357	0.248	ug/l #	56
95) Naphthalene	13.780	128	12382	1.002	ug/l	99

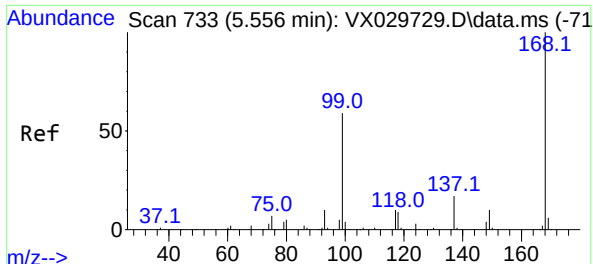
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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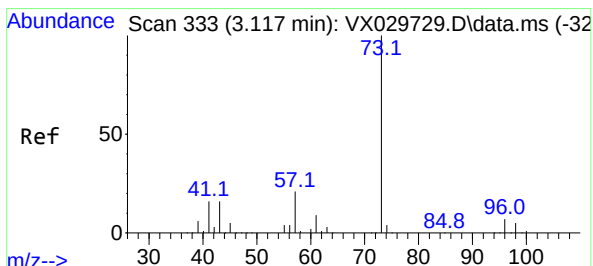
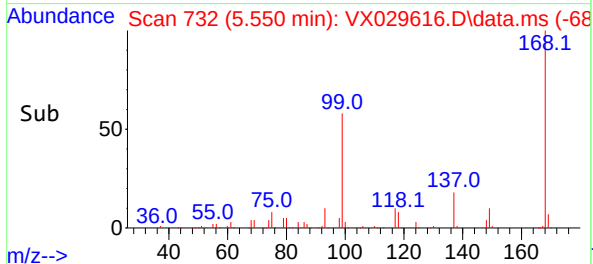
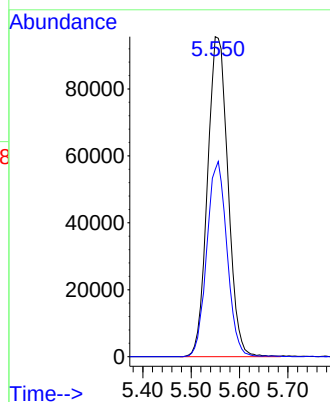
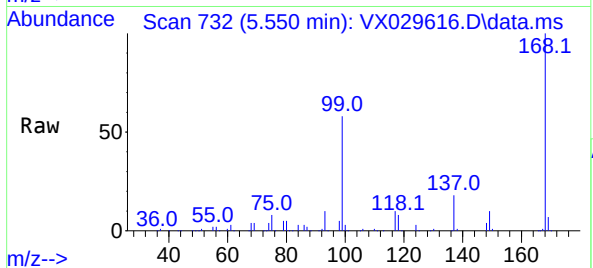




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX029616.D
Acq: 20 Jun 2022 12:34

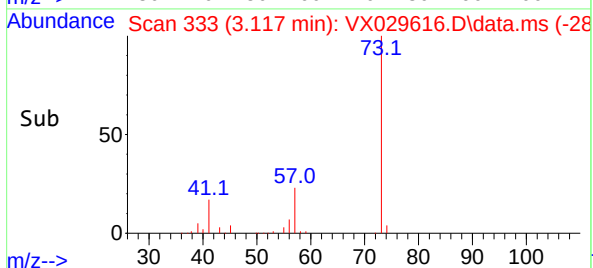
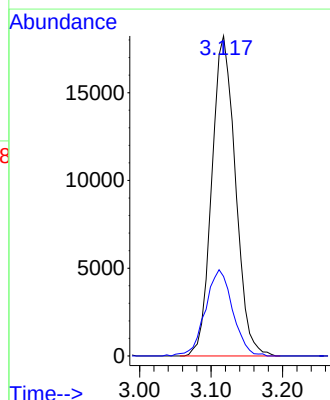
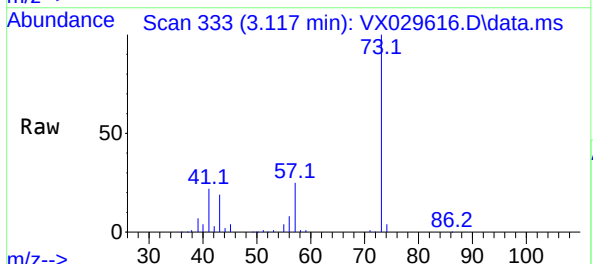
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

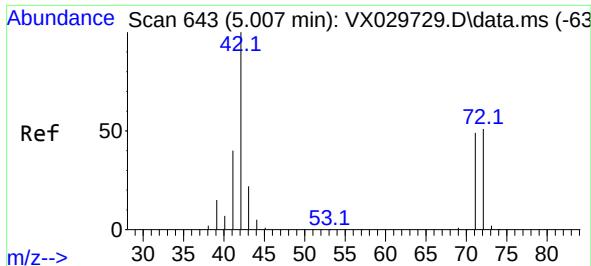
Tgt Ion:168 Resp: 280815
Ion Ratio Lower Upper
168 100
99 58.5 41.7 62.5



#19
Methyl tert-butyl Ether
Concen: 4.241 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029616.D
Acq: 20 Jun 2022 12:34

Tgt Ion: 73 Resp: 41883
Ion Ratio Lower Upper
73 100
57 24.8 16.8 25.2





#29

Tetrahydrofuran

Concen: 4.036 ug/l

RT: 5.032 min Scan# 643

Delta R.T. 0.019 min

Lab File: VX029616.D

Acq: 20 Jun 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

MW-6DL

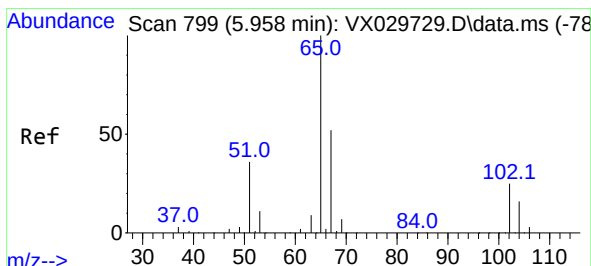
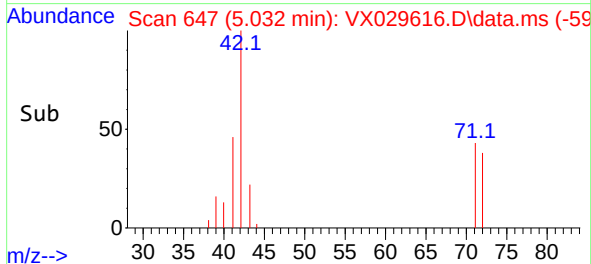
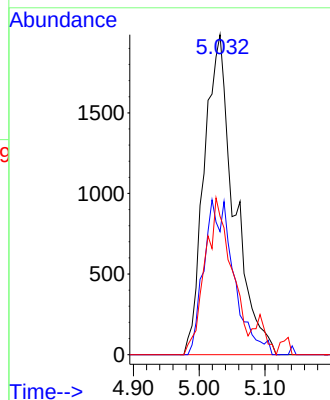
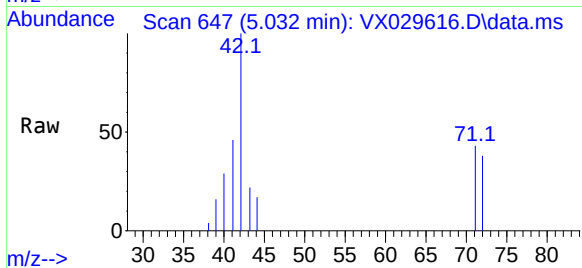
Tgt Ion: 42 Resp: 6300

Ion Ratio Lower Upper

42 100

72 48.1 44.1 66.1

71 43.5 40.5 60.7



#33

1,2-Dichloroethane-d4

Concen: 43.524 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029616.D

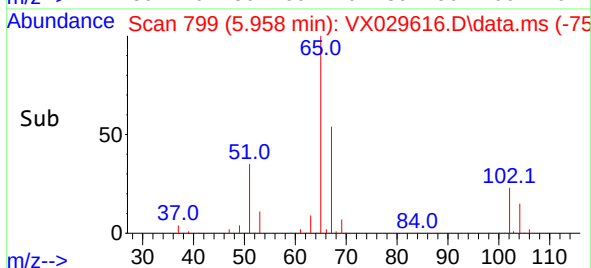
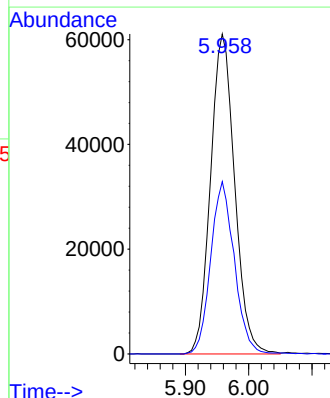
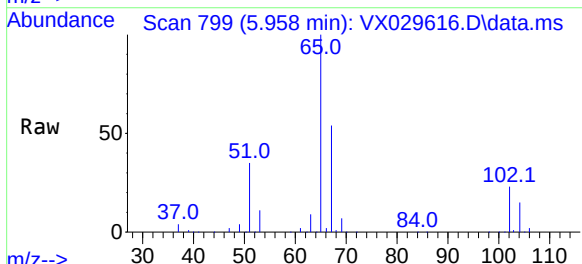
Acq: 20 Jun 2022 12:34

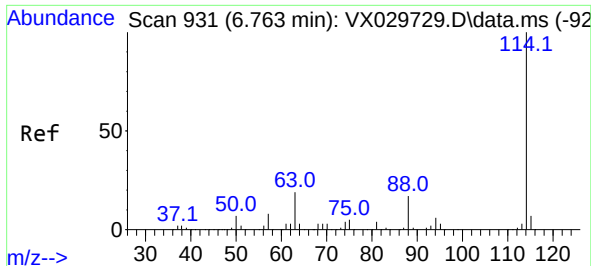
Tgt Ion: 65 Resp: 161789

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.4

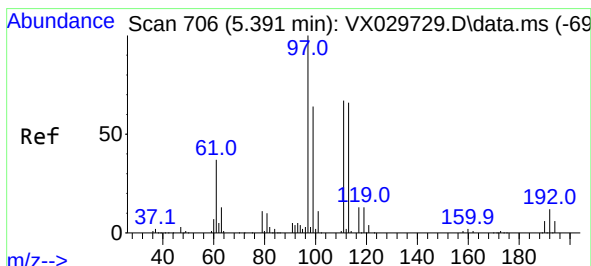
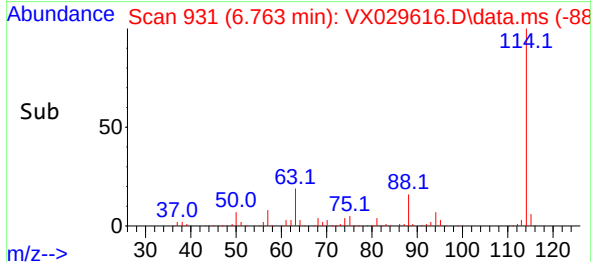
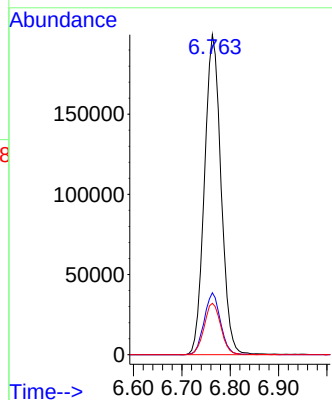
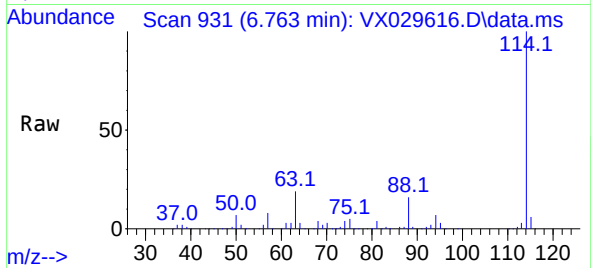




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029616.D
Acq: 20 Jun 2022 12:34

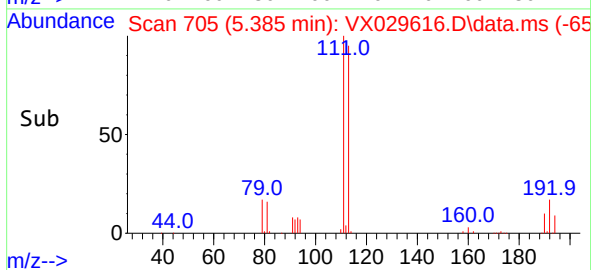
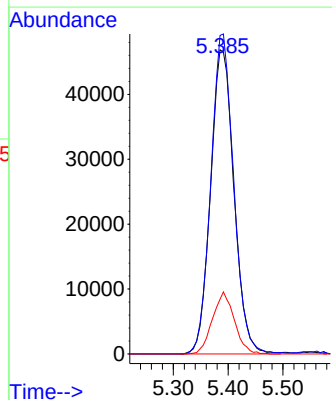
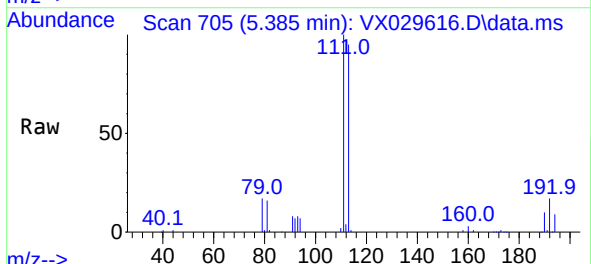
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

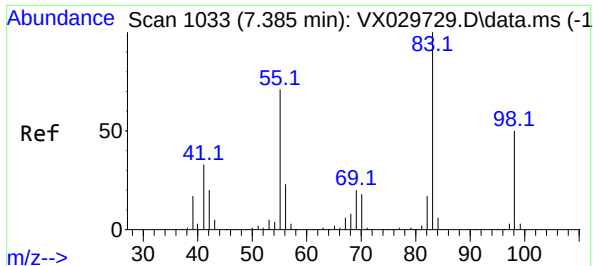
Tgt Ion:114 Resp: 474577
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 44.945 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029616.D
Acq: 20 Jun 2022 12:34

Tgt Ion:113 Resp: 139003
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 19.1 16.9 25.3





#39

Methylcyclohexane

Concen: 0.477 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX029616.D

Acq: 20 Jun 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

MW-6DL

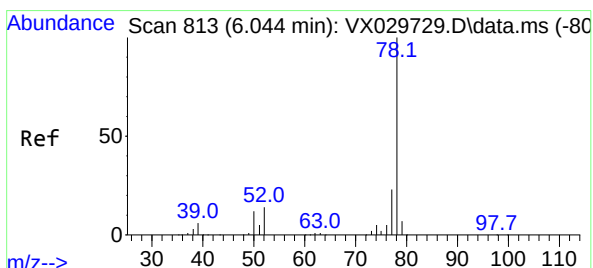
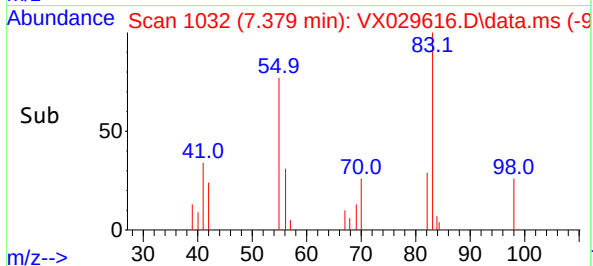
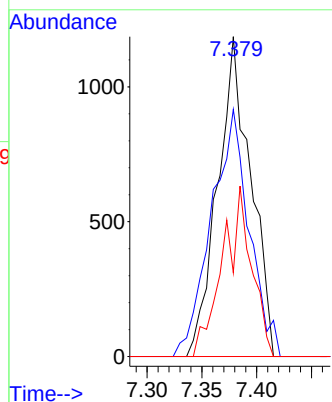
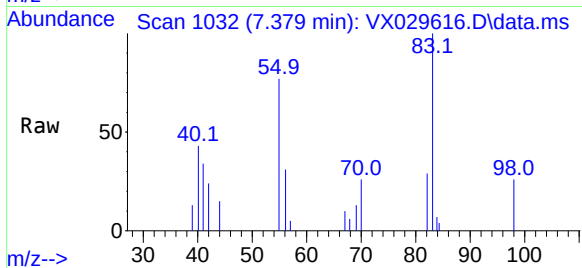
Tgt Ion: 83 Resp: 2489

Ion Ratio Lower Upper

83 100

55 77.2 54.6 81.8

98 26.2 37.4 56.2#



#40

Benzene

Concen: 24.977 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX029616.D

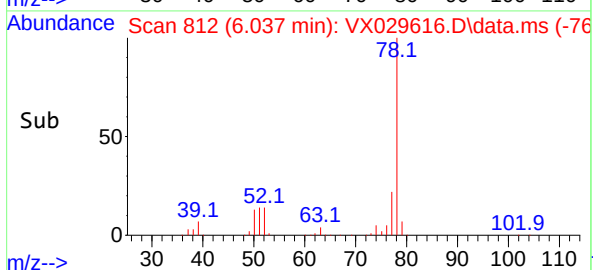
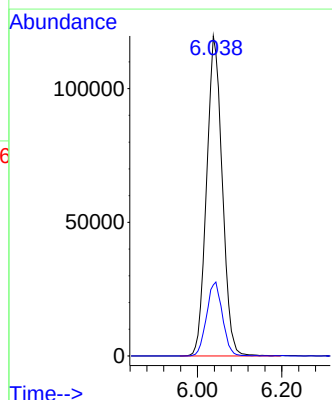
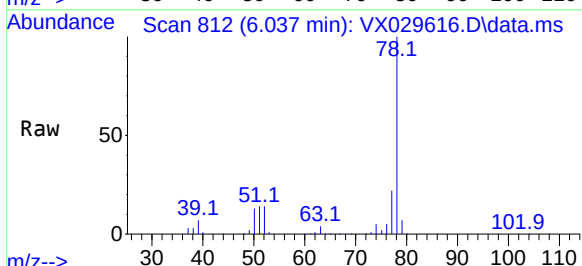
Acq: 20 Jun 2022 12:34

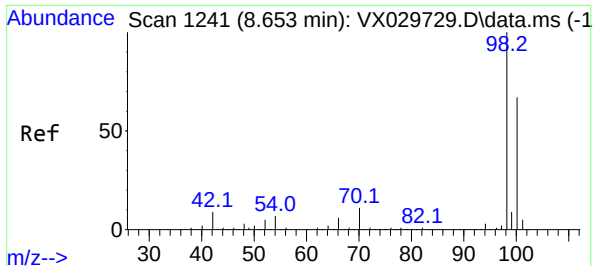
Tgt Ion: 78 Resp: 309909

Ion Ratio Lower Upper

78 100

77 22.2 19.3 28.9

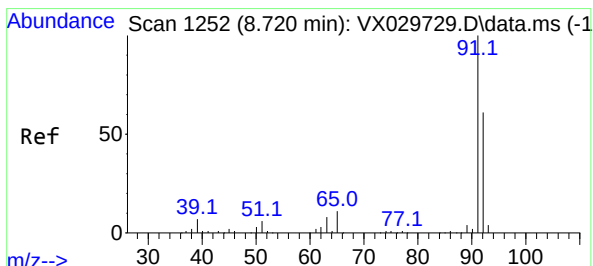
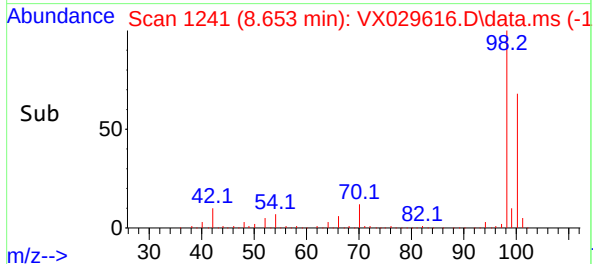
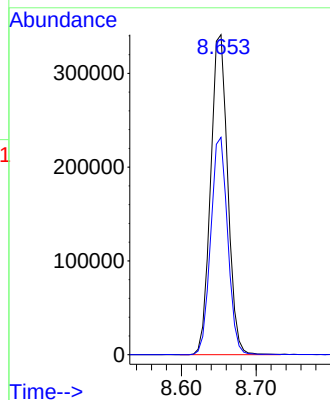
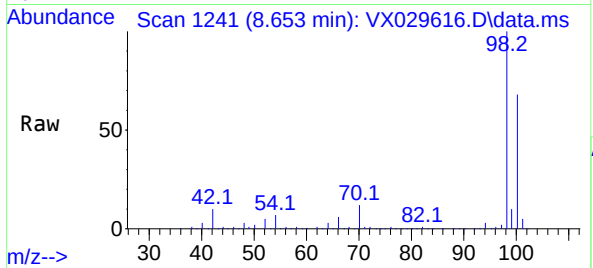




#50
Toluene-d8
Concen: 47.938 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029616.D
Acq: 20 Jun 2022 12:34

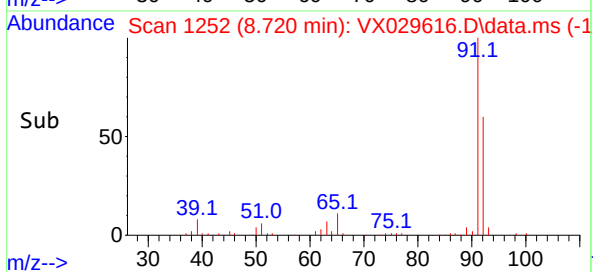
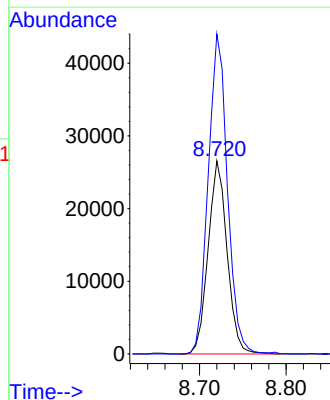
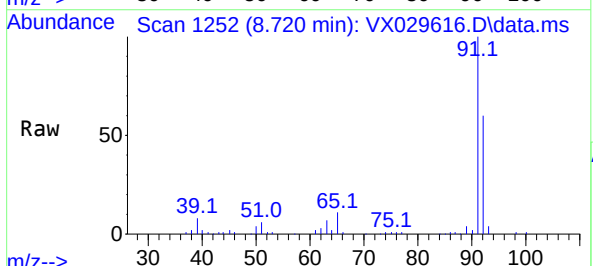
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ClientSampleId :
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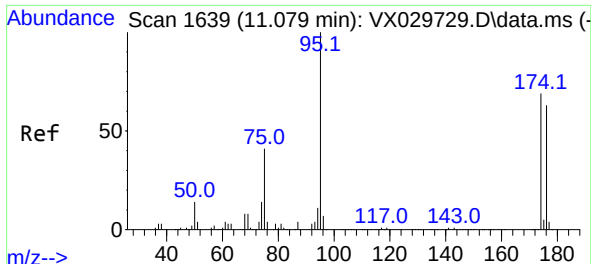
Tgt Ion: 98 Resp: 541625
Ion Ratio Lower Upper
98 100
100 67.4 52.6 78.8



#52
Toluene
Concen: 5.088 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029616.D
Acq: 20 Jun 2022 12:34

Tgt Ion: 92 Resp: 40425
Ion Ratio Lower Upper
92 100
91 168.2 137.5 206.3

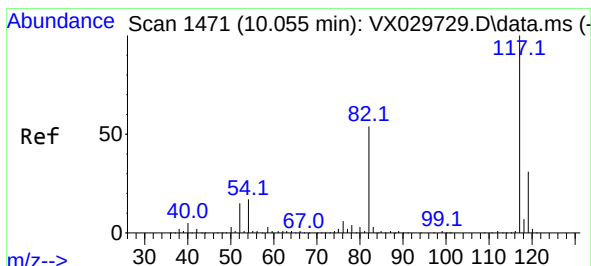
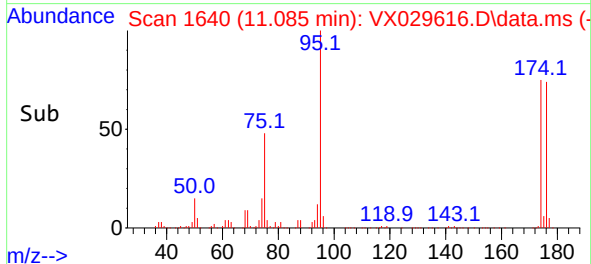
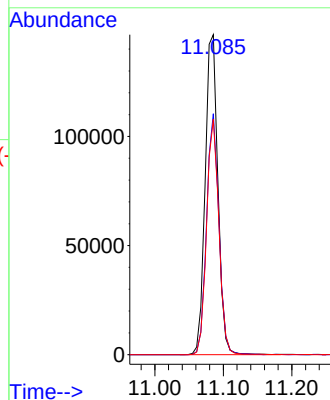
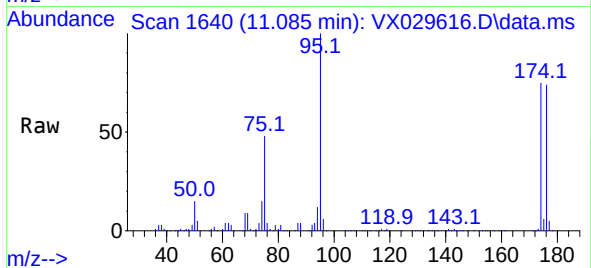




#62
4-Bromofluorobenzene
Concen: 44.659 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX029616.D
Acq: 20 Jun 2022 12:34

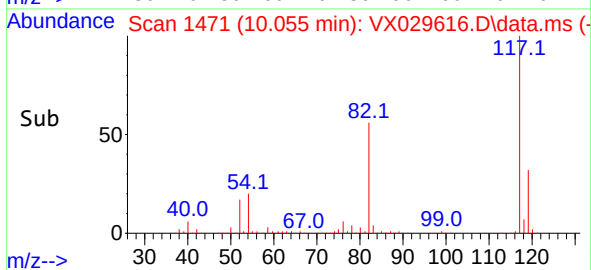
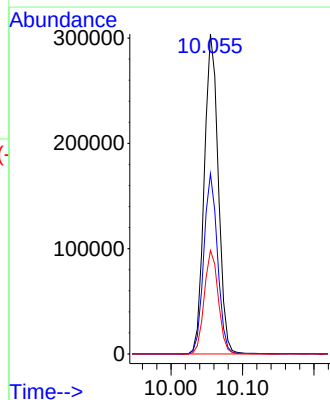
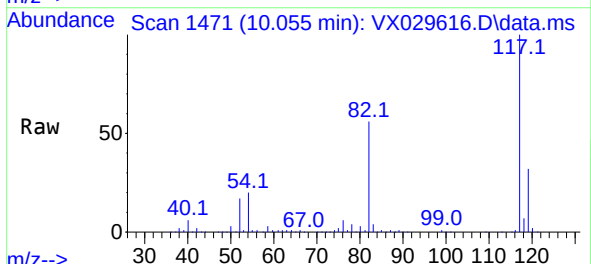
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MSVOA_X
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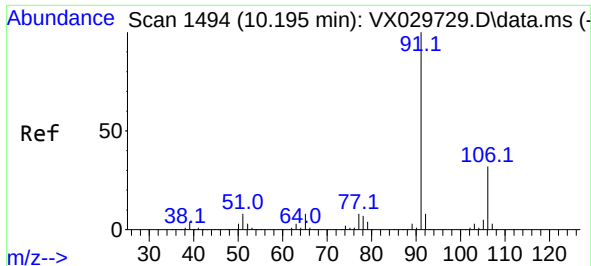
Tgt Ion: 95 Resp: 190280
Ion Ratio Lower Upper
95 100
174 72.7 0.0 163.0
176 71.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029616.D
Acq: 20 Jun 2022 12:34

Tgt Ion: 117 Resp: 414154
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 32.3 24.8 37.2

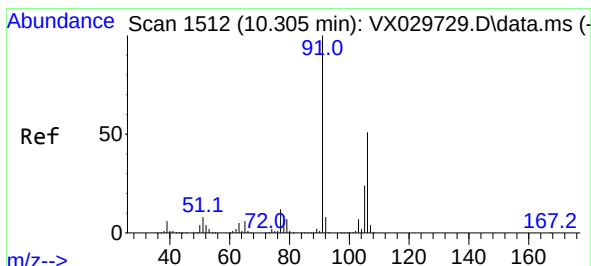
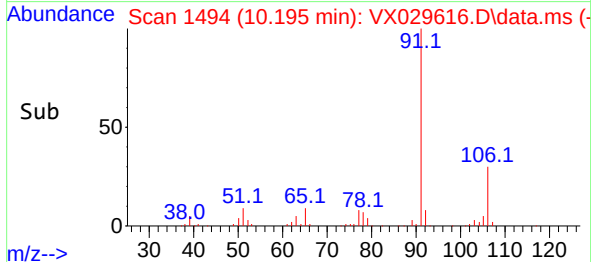
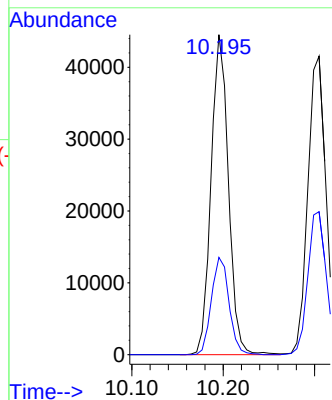
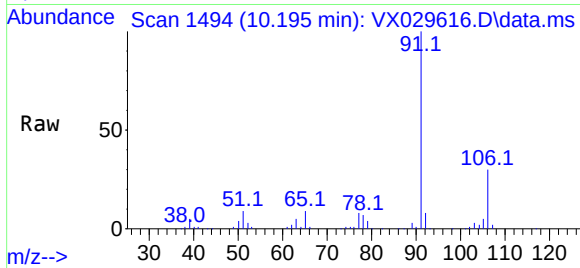




#67
Ethyl Benzene
Concen: 4.006 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029616.D
Acq: 20 Jun 2022 12:34

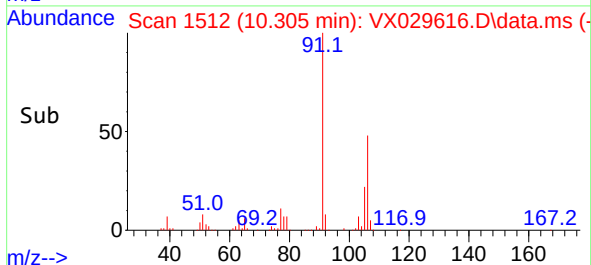
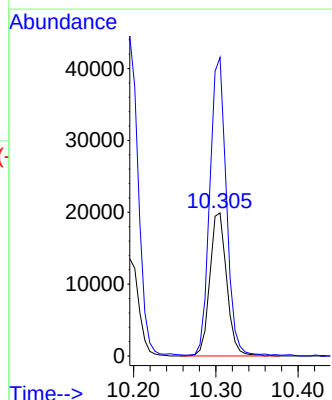
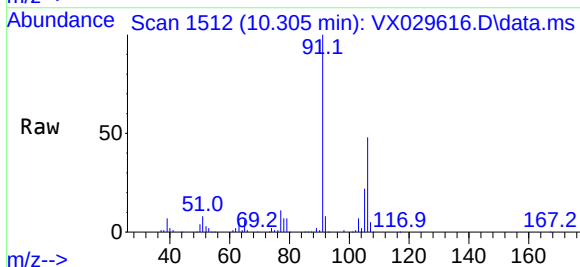
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

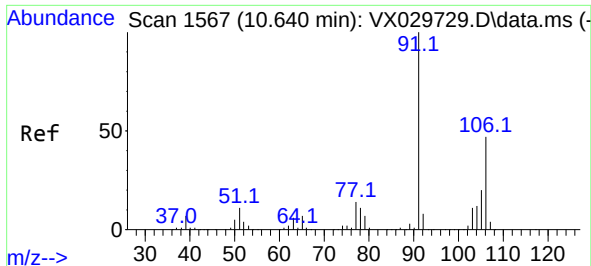
Tgt Ion: 91 Resp: 58557
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8



#68
m/p-Xylenes
Concen: 4.982 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029616.D
Acq: 20 Jun 2022 12:34

Tgt Ion: 106 Resp: 28401
Ion Ratio Lower Upper
106 100
91 205.9 160.4 240.6

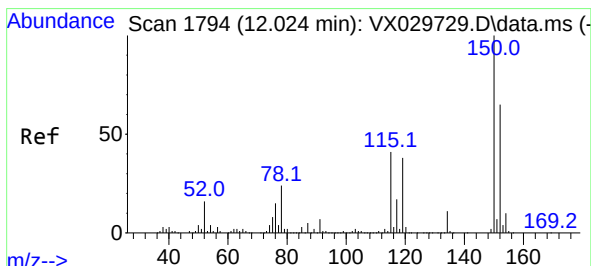
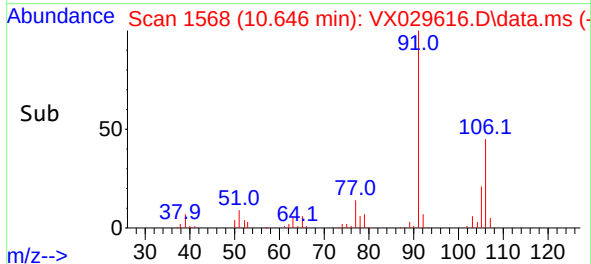
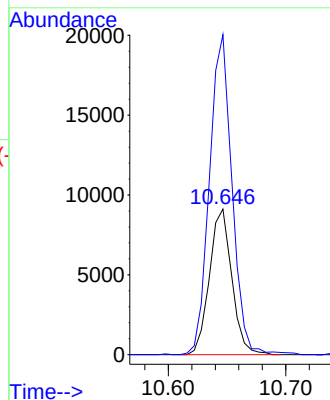
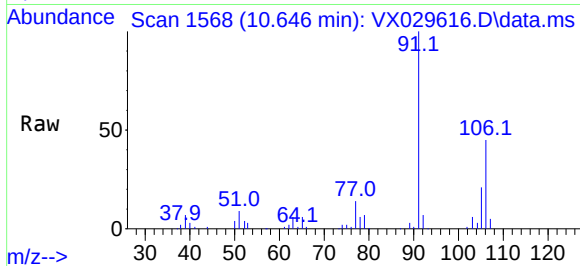




#69
o-Xylene
Concen: 2.139 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029616.D
Acq: 20 Jun 2022 12:34

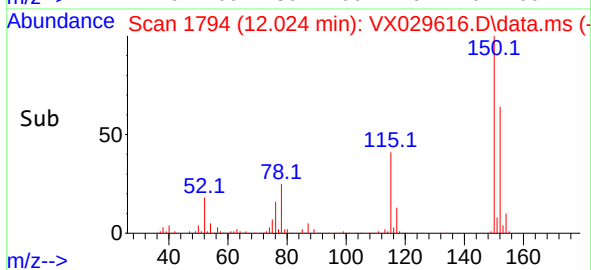
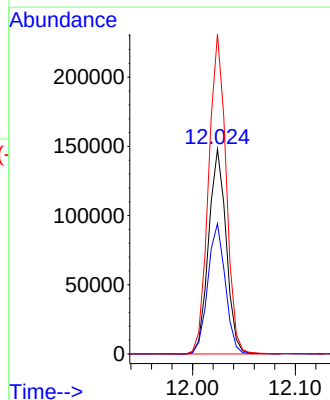
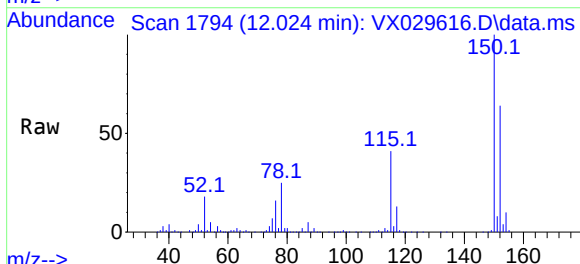
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

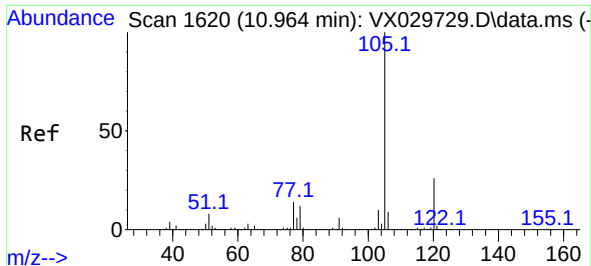
Tgt Ion:106 Resp: 12050
Ion Ratio Lower Upper
106 100
91 222.1 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029616.D
Acq: 20 Jun 2022 12:34

Tgt Ion:152 Resp: 176228
Ion Ratio Lower Upper
152 100
115 63.5 37.5 112.7
150 155.7 0.0 338.2

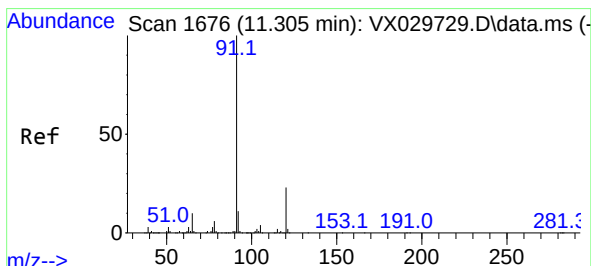
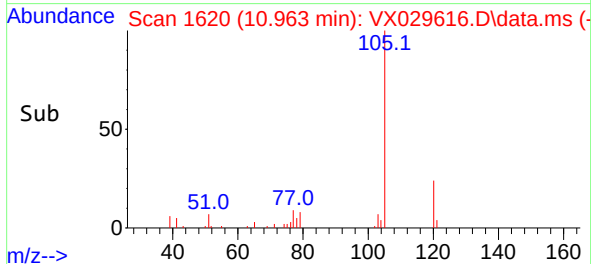
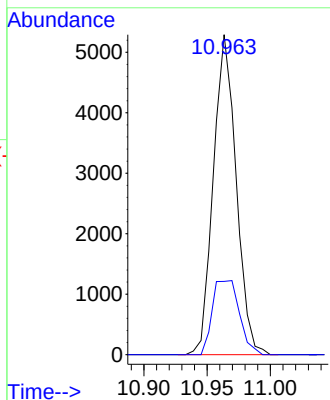
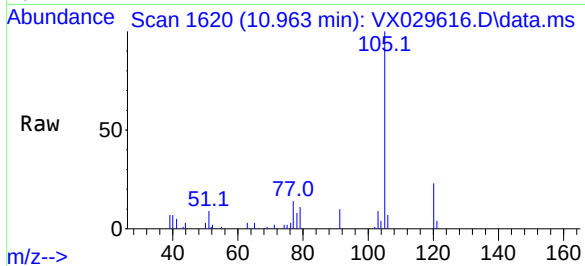




#73
Isopropylbenzene
Concen: 0.501 ug/l
RT: 10.963 min Scan# 10
Delta R.T. 0.000 min
Lab File: VX029616.D
Acq: 20 Jun 2022 12:34

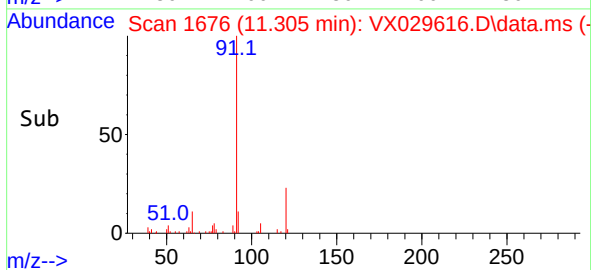
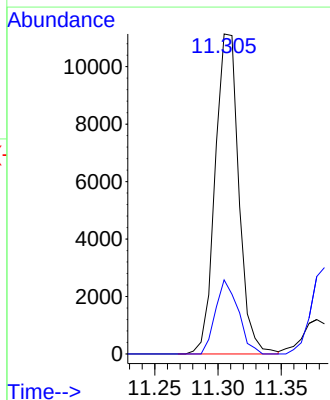
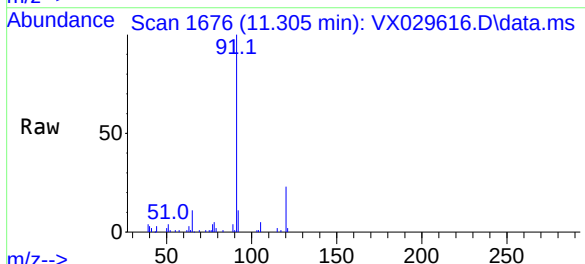
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

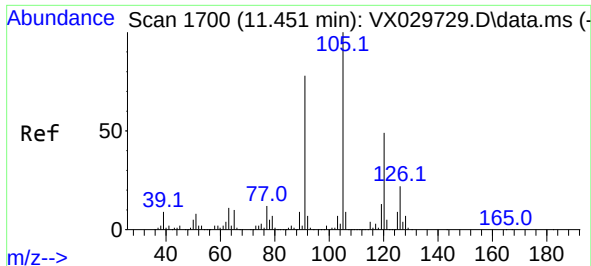
Tgt Ion:105 Resp: 6625
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.5



#78
n-propylbenzene
Concen: 0.974 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029616.D
Acq: 20 Jun 2022 12:34

Tgt Ion: 91 Resp: 14494
Ion Ratio Lower Upper
91 100
120 22.2 11.6 34.8

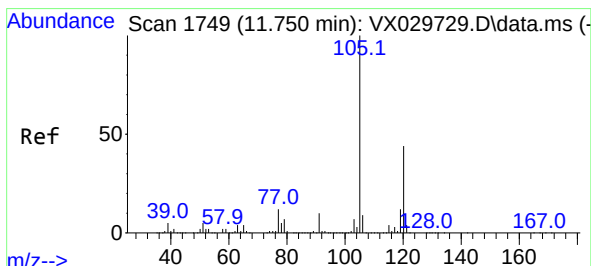
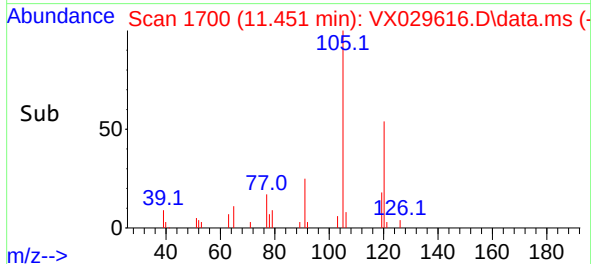
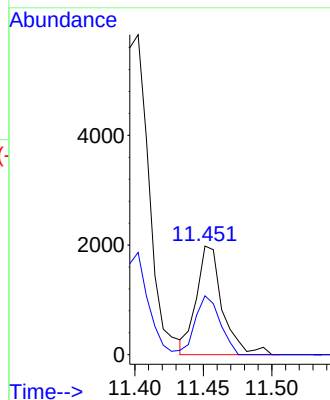
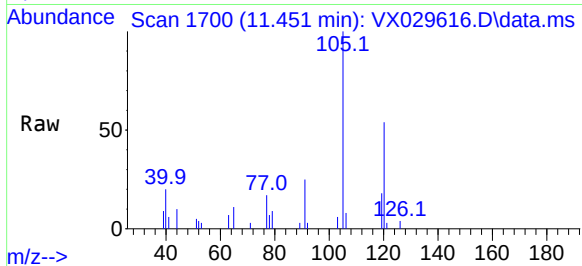




#80
 1,3,5-Trimethylbenzene
 Concen: 0.236 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX029616.D
 Acq: 20 Jun 2022 12:34

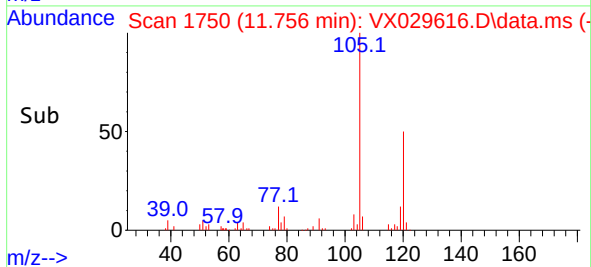
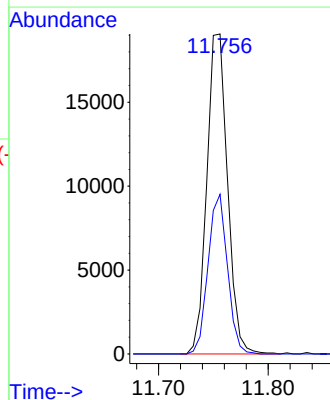
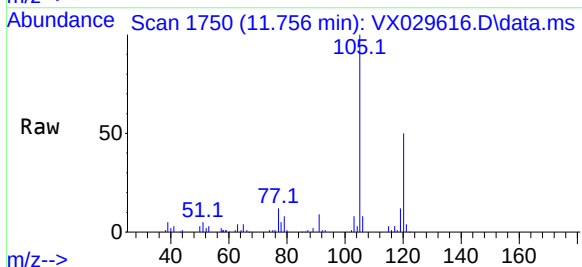
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6DL

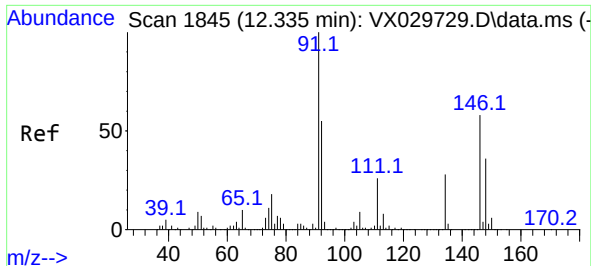
Tgt Ion:105 Resp: 2624
 Ion Ratio Lower Upper
 105 100
 120 52.1 24.3 72.9



#84
 1,2,4-Trimethylbenzene
 Concen: 2.257 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX029616.D
 Acq: 20 Jun 2022 12:34

Tgt Ion:105 Resp: 25050
 Ion Ratio Lower Upper
 105 100
 120 46.7 22.6 67.8





#89

n-Butylbenzene

Concen: 0.248 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX029616.D

Acq: 20 Jun 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

MW-6DL

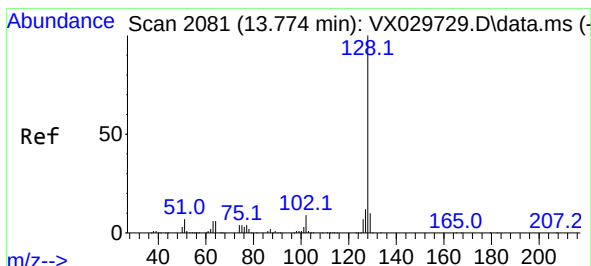
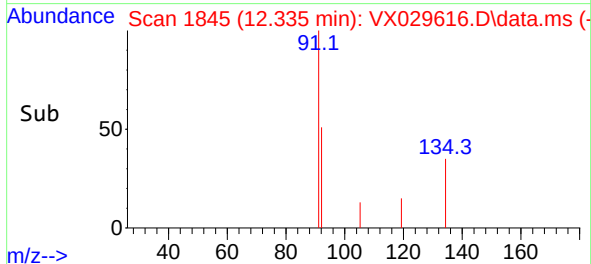
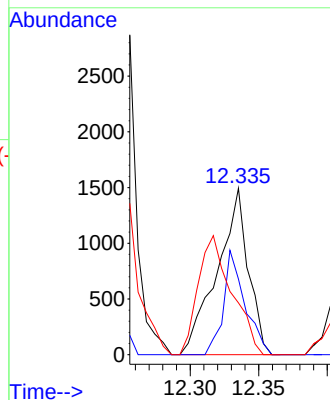
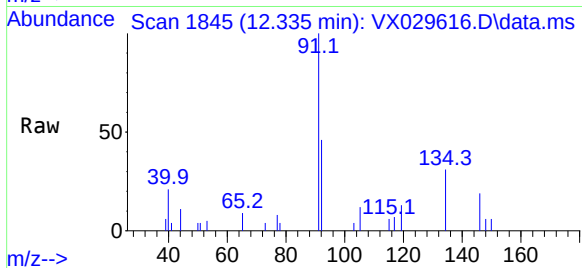
Tgt Ion: 91 Resp: 2357

Ion Ratio Lower Upper

91 100

92 43.1 27.8 83.3

134 77.5 13.3 39.8#



#95

Naphthalene

Concen: 1.002 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX029616.D

Acq: 20 Jun 2022 12:34

Tgt Ion:128 Resp: 12382

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.4

129 10.7 8.7 13.1

