

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029690.D
 Acq On : 22 Jun 2022 11:44
 Operator : JC/MD
 Sample : N3286-02 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Jun 23 01:08:38 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)

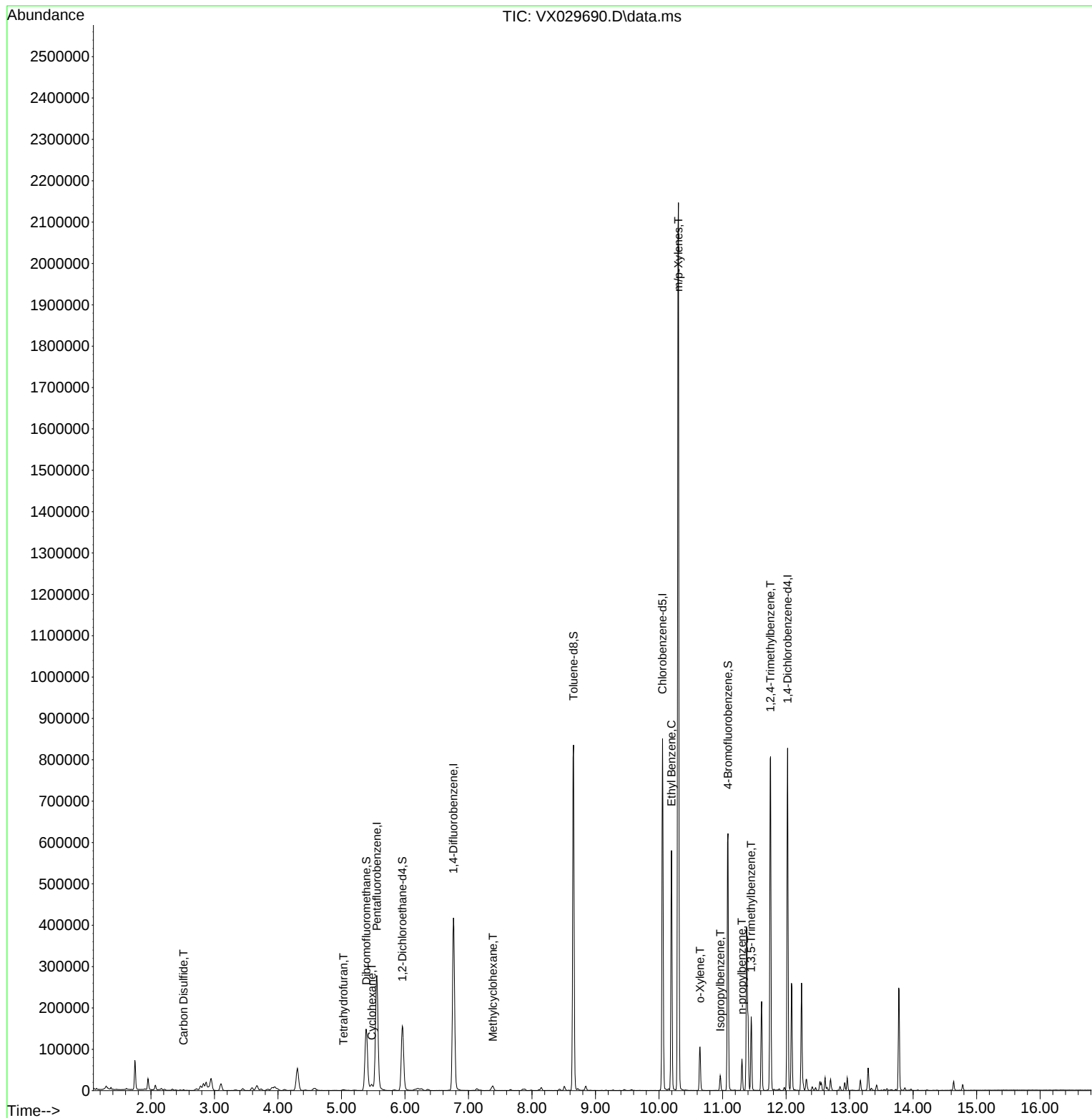
Internal Standards						
1) Pentafluorobenzene	5.556	168	271111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	455997	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	395050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151091	42.101	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.200%
35) Dibromofluoromethane	5.391	113	135556	45.616	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.240%
50) Toluene-d8	8.653	98	513147	47.268	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.540%
62) 4-Bromofluorobenzene	11.085	95	182331	44.537	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.080%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.514	76	2121	0.298	ug/l	96
29) Tetrahydrofuran	5.032	42	1918	1.273	ug/l	89
31) Cyclohexane	5.477	56	10147	2.106	ug/l	92
39) Methylcyclohexane	7.385	83	4608	0.919	ug/l	97
67) Ethyl Benzene	10.195	91	333209	23.895	ug/l	97
68) m/p-Xylenes	10.305	106	534488	98.287	ug/l	100
69) o-Xylene	10.646	106	24600	4.579	ug/l	96
73) Isopropylbenzene	10.963	105	19002	1.447	ug/l	100
78) n-propylbenzene	11.305	91	47758	3.229	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	78479	7.095	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	379206	34.374	ug/l	100

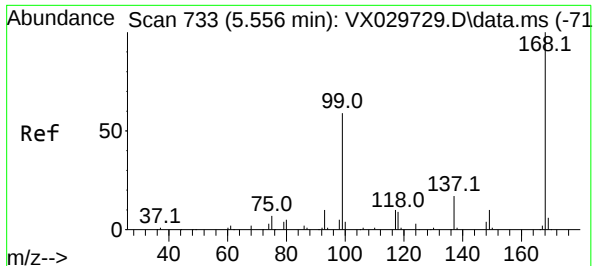
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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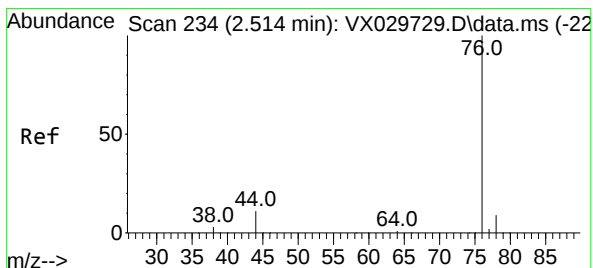
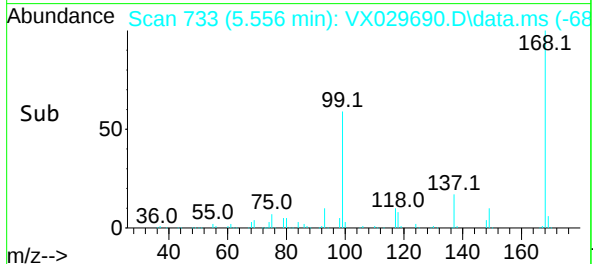
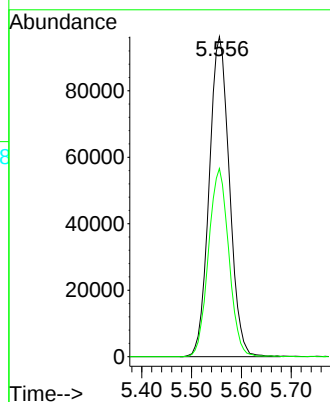
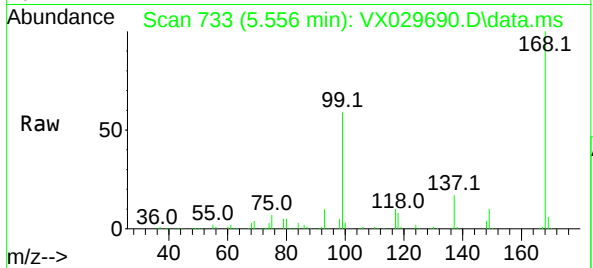




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX029690.D
Acq: 22 Jun 2022 11:44

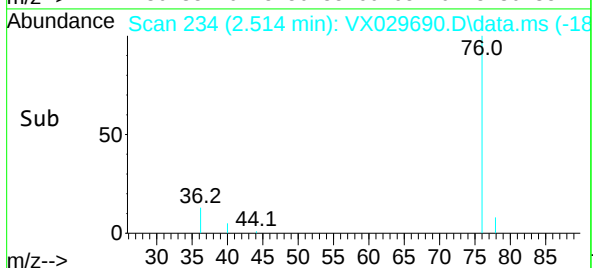
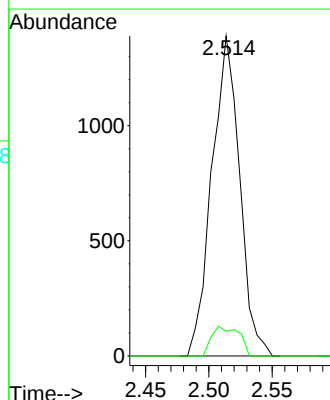
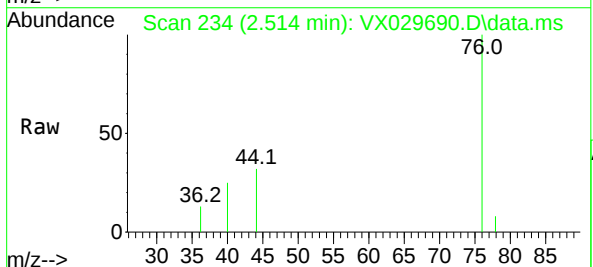
Instrument :
MSVOA_X
ClientSampleId :
MW-2

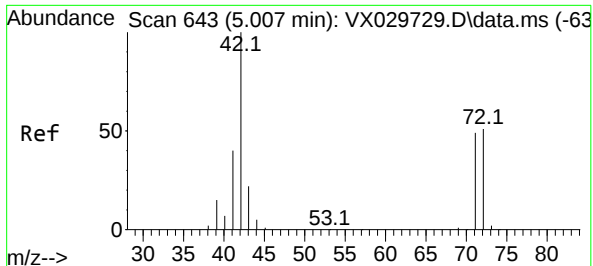
Tgt Ion:168 Resp: 271111
Ion Ratio Lower Upper
168 100
99 58.8 41.7 62.5



#17
Carbon Disulfide
Concen: 0.298 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX029690.D
Acq: 22 Jun 2022 11:44

Tgt Ion: 76 Resp: 2121
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8





#29

Tetrahydrofuran

Concen: 1.273 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.019 min

Lab File: VX029690.D

Acq: 22 Jun 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

MW-2

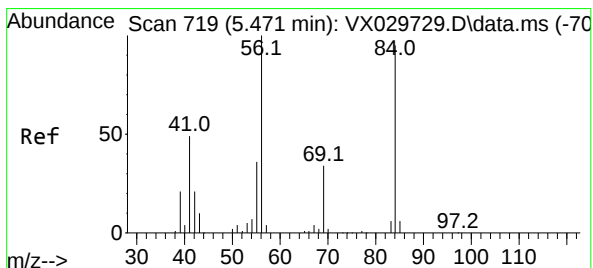
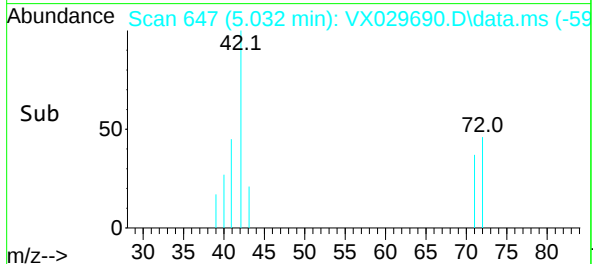
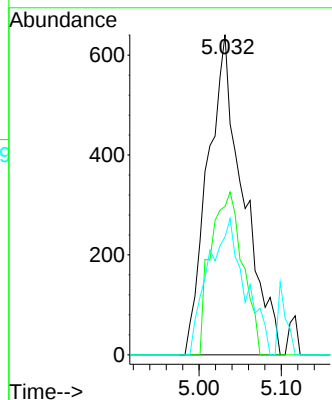
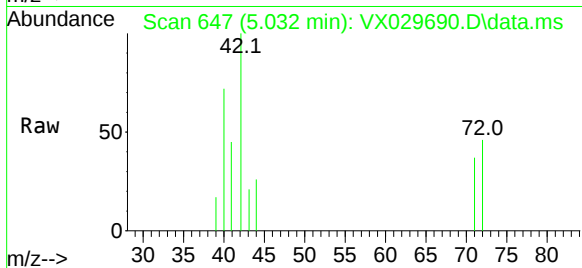
Tgt Ion: 42 Resp: 1918

Ion Ratio Lower Upper

42 100

72 45.8 44.1 66.1

71 44.2 40.5 60.7



#31

Cyclohexane

Concen: 2.106 ug/l

RT: 5.477 min Scan# 720

Delta R.T. -0.000 min

Lab File: VX029690.D

Acq: 22 Jun 2022 11:44

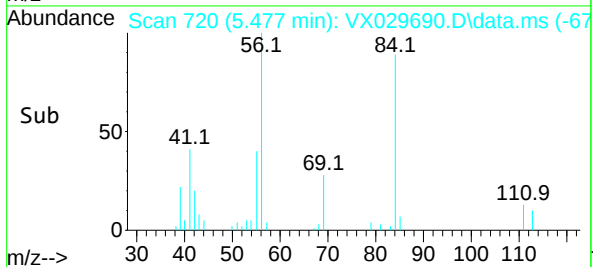
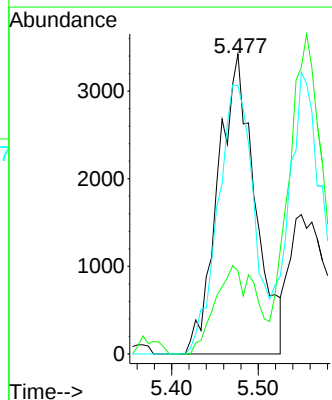
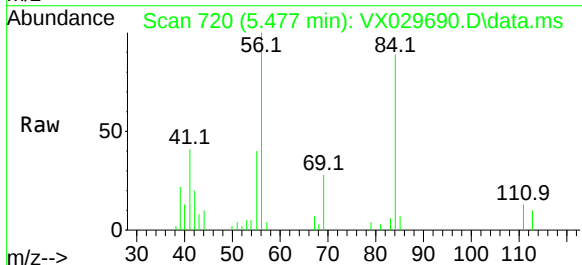
Tgt Ion: 56 Resp: 10147

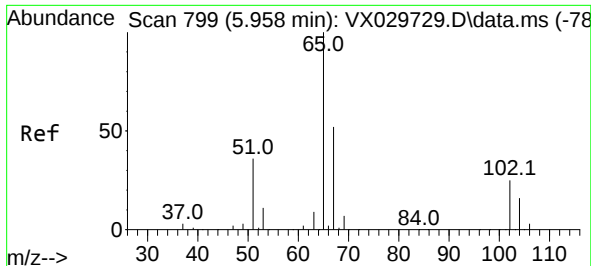
Ion Ratio Lower Upper

56 100

69 27.7 26.7 40.1

84 89.4 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 42.101 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029690.D

Acq: 22 Jun 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

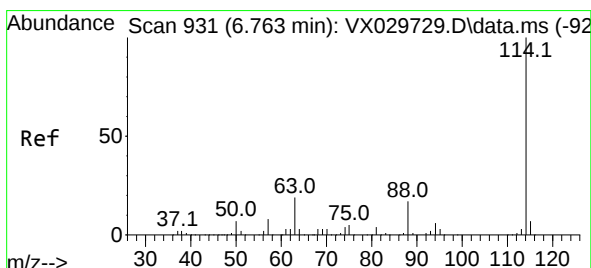
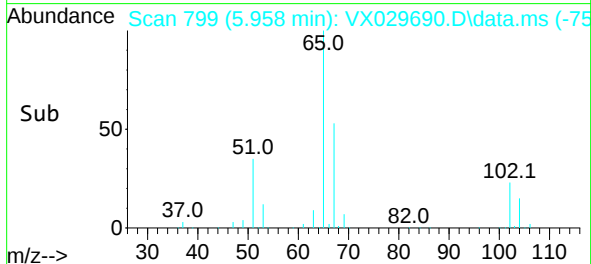
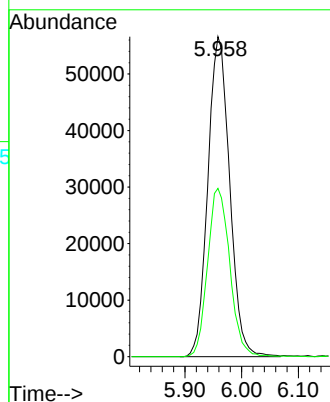
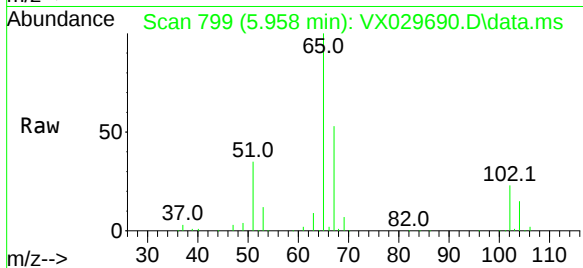
MW-2

Tgt Ion: 65 Resp: 151091

Ion Ratio Lower Upper

65 100

67 53.6 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: VX029690.D

Acq: 22 Jun 2022 11:44

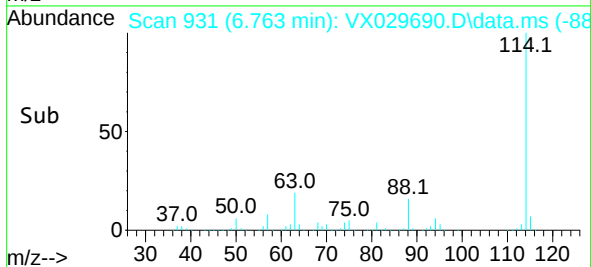
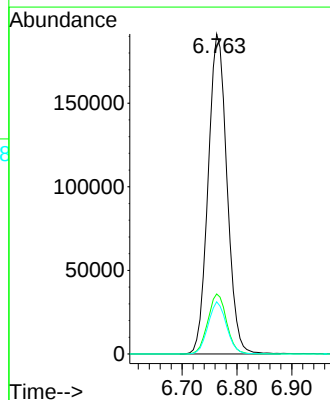
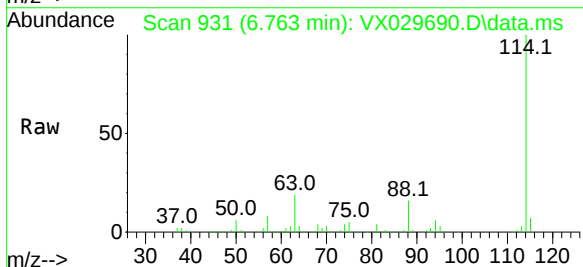
Tgt Ion:114 Resp: 455997

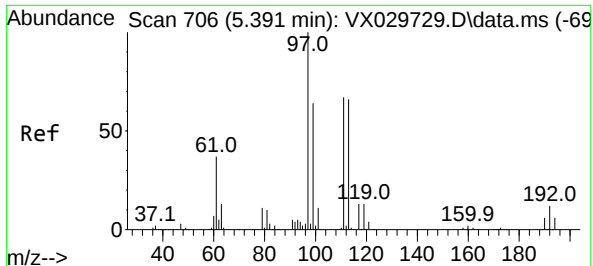
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

88 16.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.616 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029690.D

Acq: 22 Jun 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

MW-2

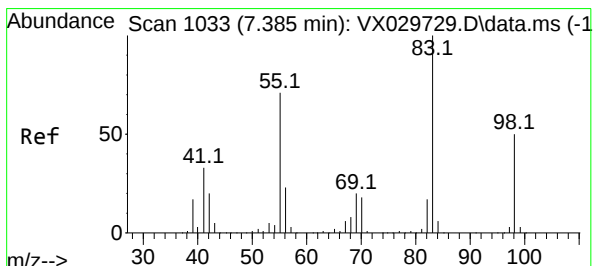
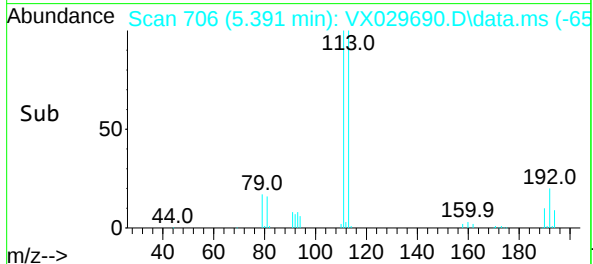
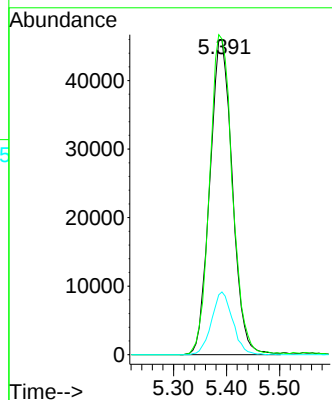
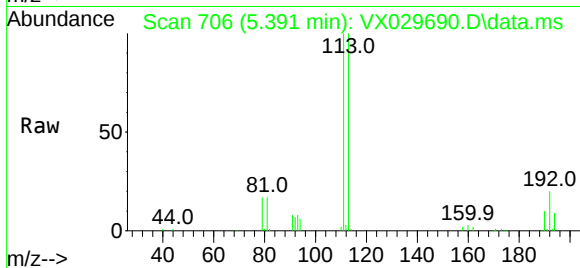
Tgt Ion:113 Resp: 135556

Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

192 18.7 16.9 25.3



#39

Methylcyclohexane

Concen: 0.919 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX029690.D

Acq: 22 Jun 2022 11:44

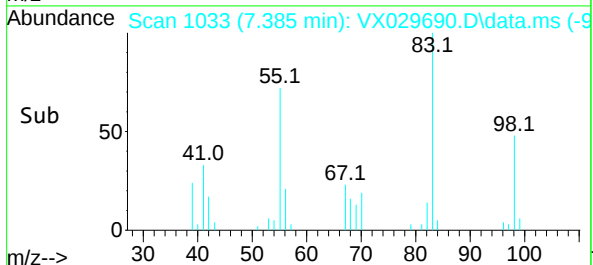
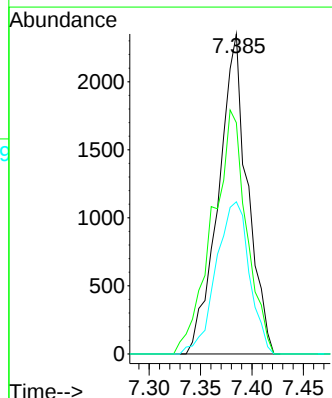
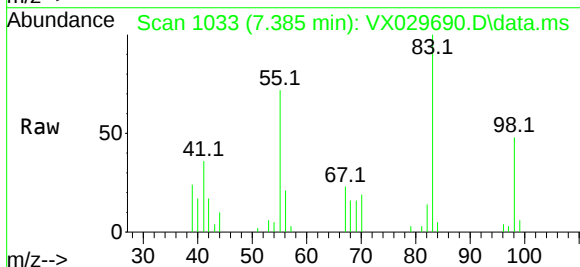
Tgt Ion: 83 Resp: 4608

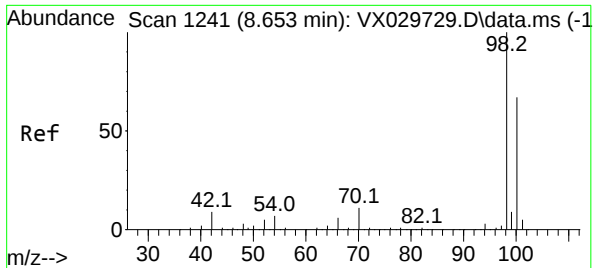
Ion Ratio Lower Upper

83 100

55 72.3 54.6 81.8

98 47.6 37.4 56.2

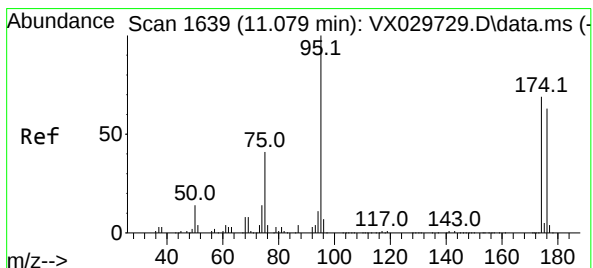
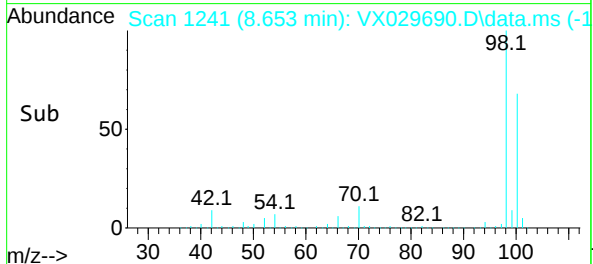
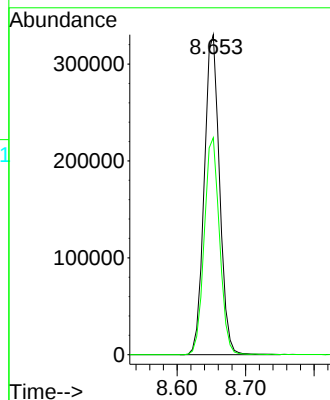
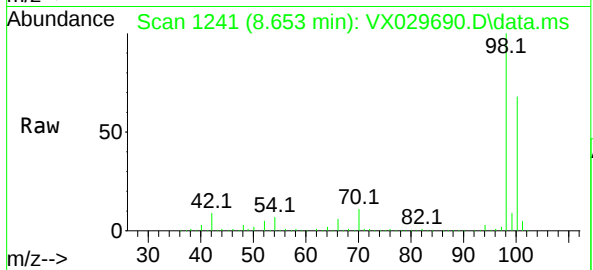




#50
Toluene-d8
Concen: 47.268 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029690.D
Acq: 22 Jun 2022 11:44

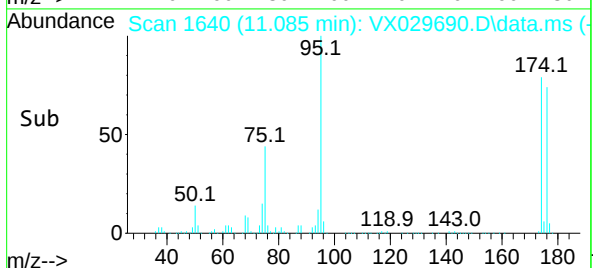
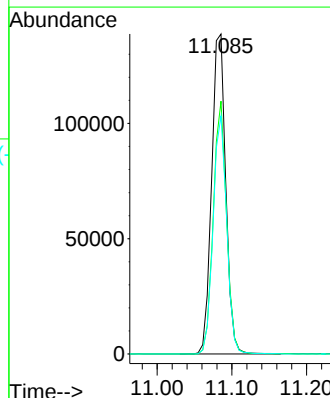
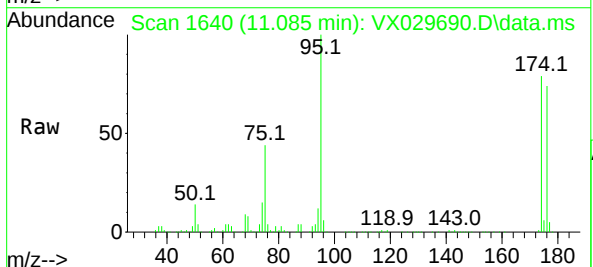
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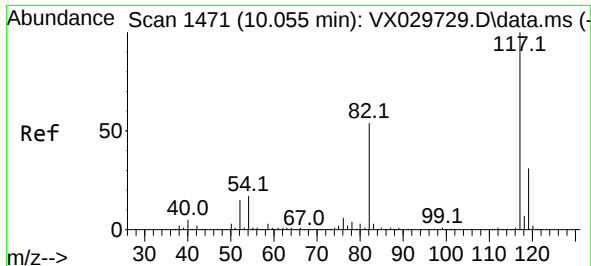
Tgt Ion: 98 Resp: 513147
Ion Ratio Lower Upper
98 100
100 67.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.537 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029690.D
Acq: 22 Jun 2022 11:44

Tgt Ion: 95 Resp: 182331
Ion Ratio Lower Upper
95 100
174 74.4 0.0 163.0
176 71.6 0.0 155.0

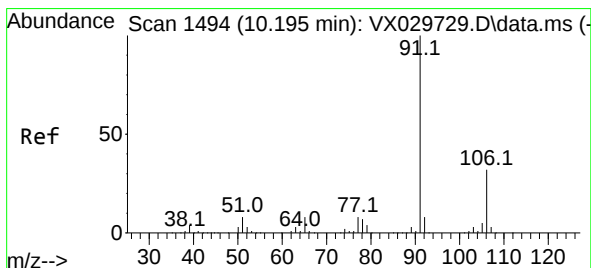
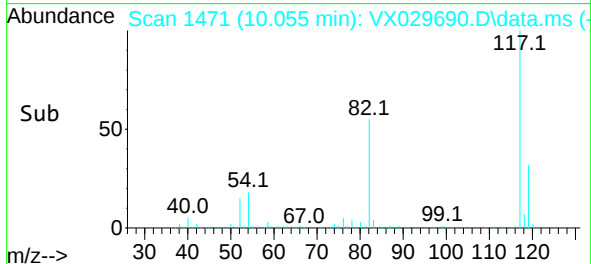
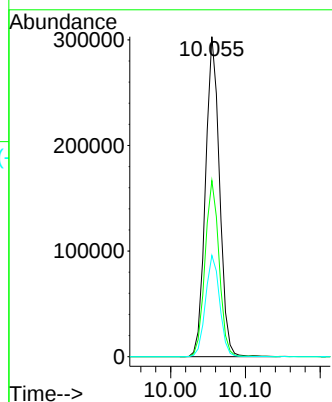
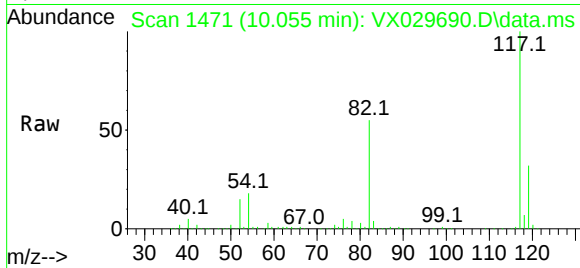




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029690.D
Acq: 22 Jun 2022 11:44

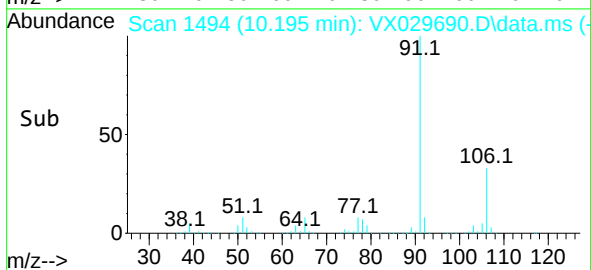
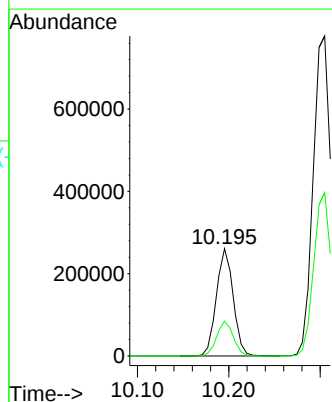
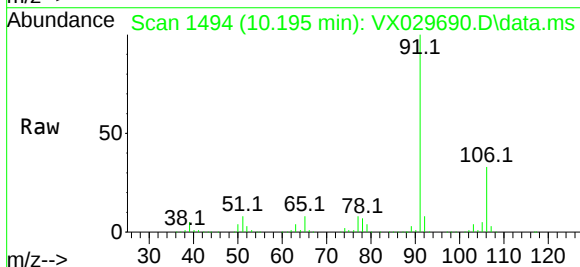
Instrument :
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ClientSampleId :
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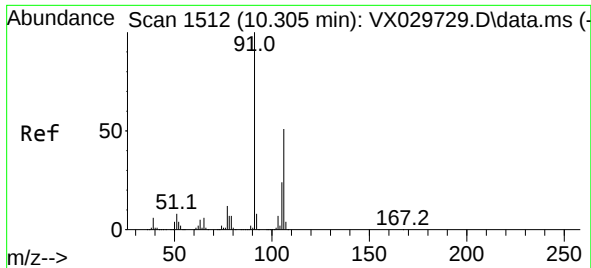
Tgt Ion:117 Resp: 395050
Ion Ratio Lower Upper
117 100
82 55.0 41.8 62.8
119 31.6 24.8 37.2



#67
Ethyl Benzene
Concen: 23.895 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029690.D
Acq: 22 Jun 2022 11:44

Tgt Ion: 91 Resp: 333209
Ion Ratio Lower Upper
91 100
106 32.6 24.6 36.8

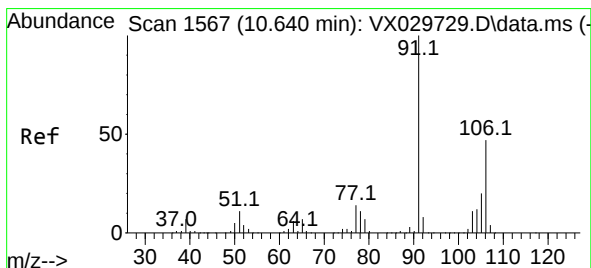
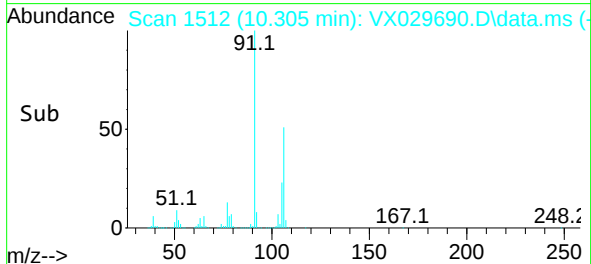
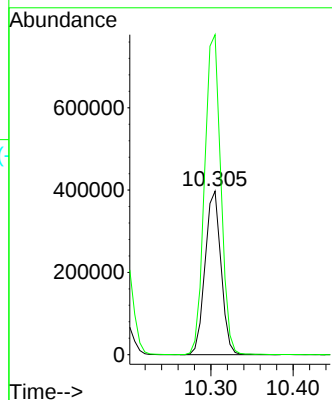
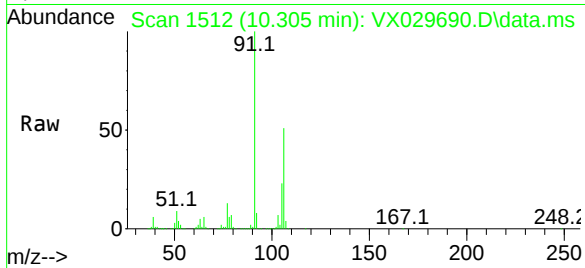




#68
m/p-Xylenes
Concen: 98.287 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029690.D
Acq: 22 Jun 2022 11:44

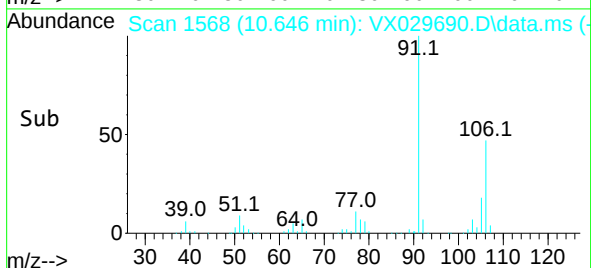
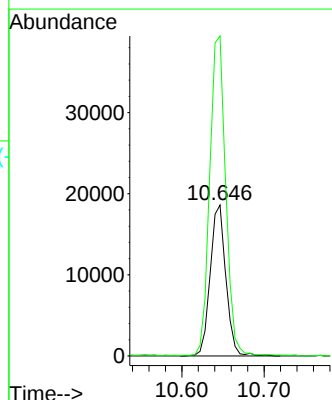
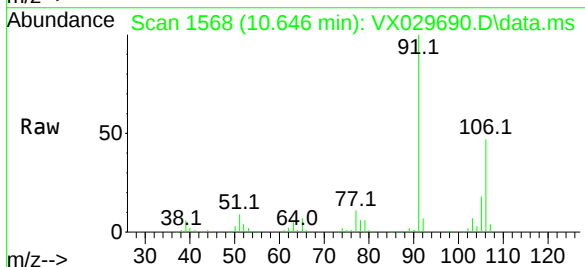
Instrument :
MSVOA_X
ClientSampleId :
MW-2

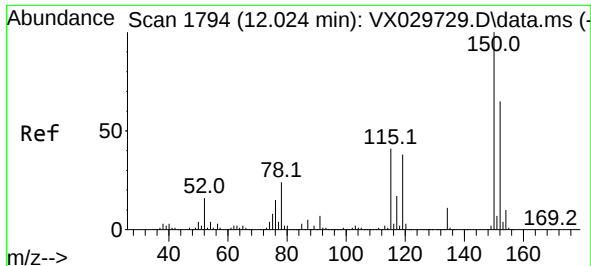
Tgt Ion:106 Resp: 534488
Ion Ratio Lower Upper
106 100
91 200.1 160.4 240.6



#69
o-Xylene
Concen: 4.579 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029690.D
Acq: 22 Jun 2022 11:44

Tgt Ion:106 Resp: 24600
Ion Ratio Lower Upper
106 100
91 218.4 106.1 318.1

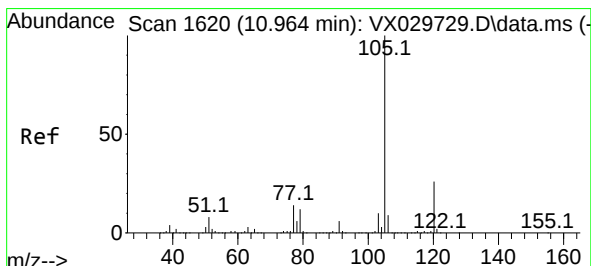
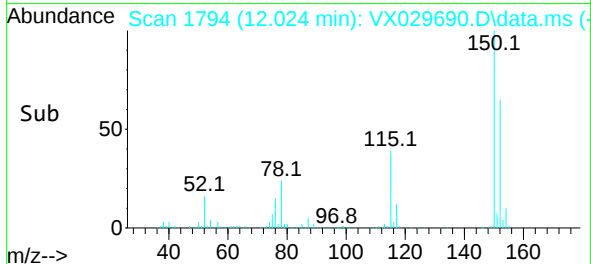
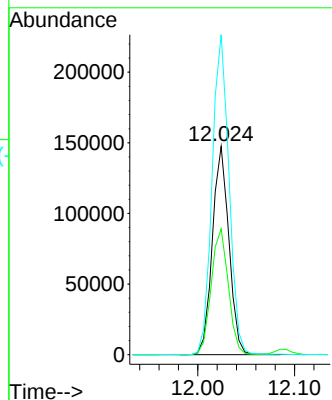
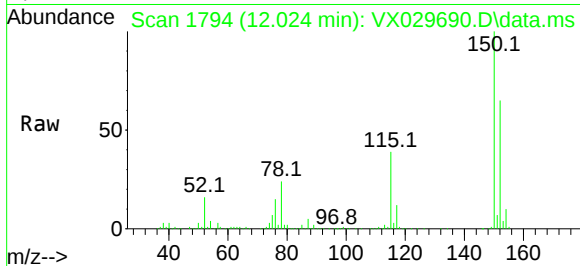




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029690.D
Acq: 22 Jun 2022 11:44

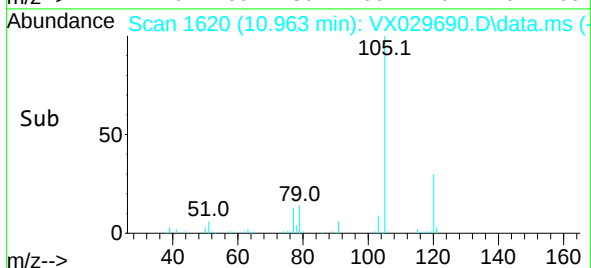
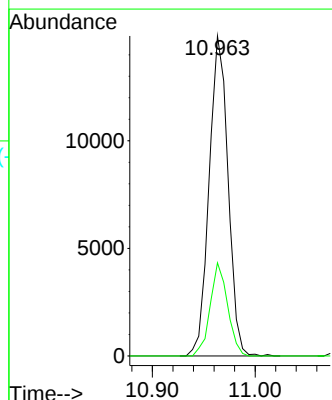
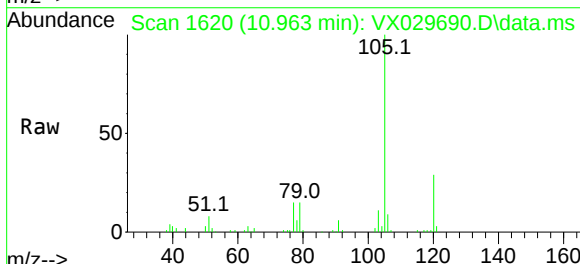
Instrument :
MSVOA_X
ClientSampleId :
MW-2

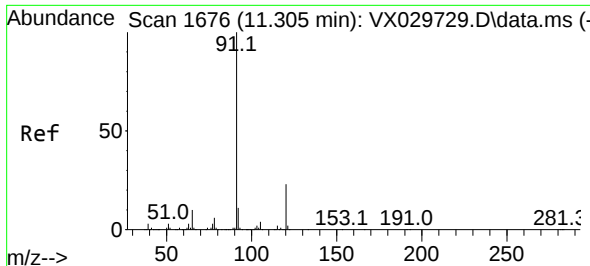
Tgt Ion:152 Resp: 175169
Ion Ratio Lower Upper
152 100
115 62.4 37.5 112.7
150 157.1 0.0 338.2



#73
Isopropylbenzene
Concen: 1.447 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029690.D
Acq: 22 Jun 2022 11:44

Tgt Ion:105 Resp: 19002
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.5

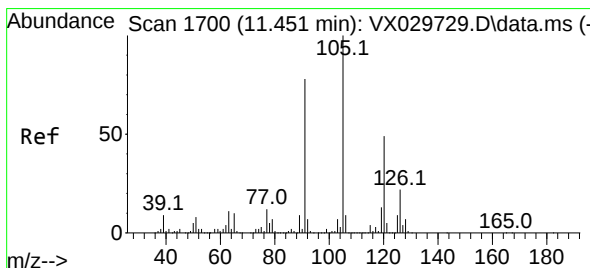
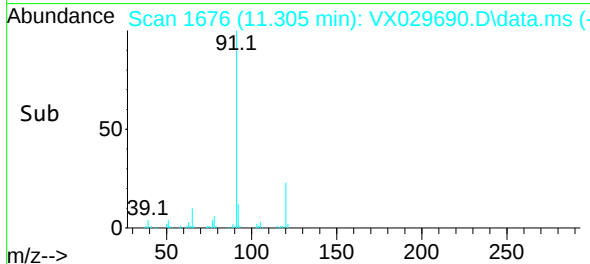
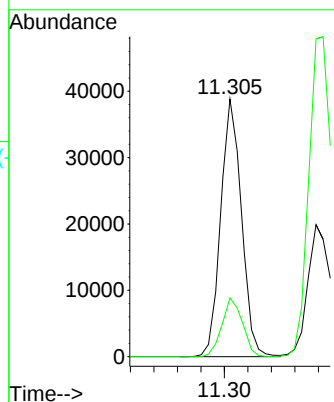
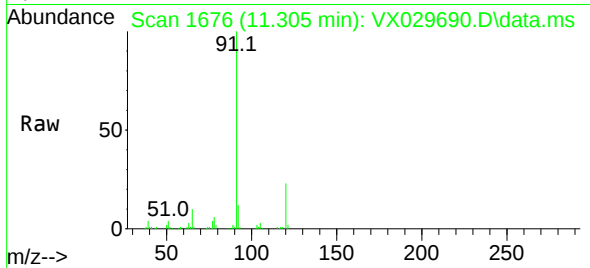




#78
n-propylbenzene
Concen: 3.229 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX029690.D
Acq: 22 Jun 2022 11:44

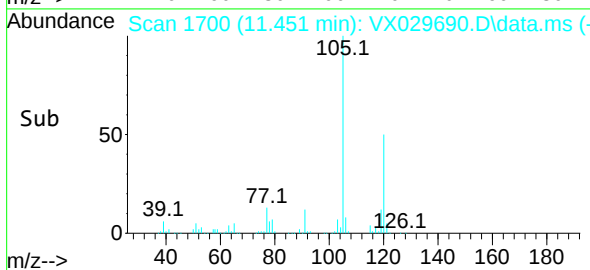
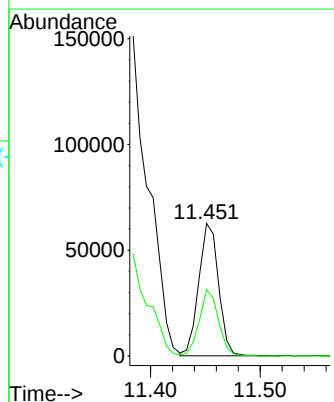
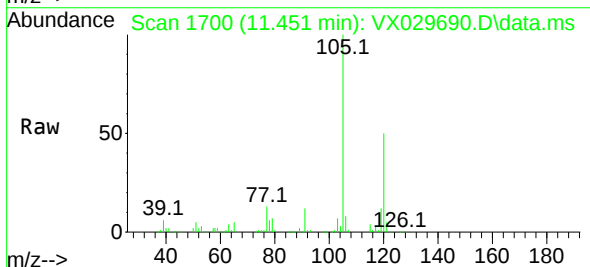
Instrument :
MSVOA_X
ClientSampleId :
MW-2

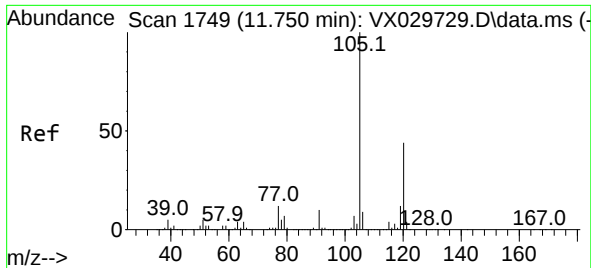
Tgt Ion: 91 Resp: 47758
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 7.095 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029690.D
Acq: 22 Jun 2022 11:44

Tgt Ion:105 Resp: 78479
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.9





#84
 1,2,4-Trimethylbenzene
 Concen: 34.374 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029690.D
 Acq: 22 Jun 2022 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Tgt Ion:105 Resp: 379206
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.6 67.8

