

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029724.D
 Acq On : 23 Jun 2022 06:07
 Operator : JC/MD
 Sample : N3334-17 10X
 Misc : 4.56g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-1A-11-GR

Quant Time: Jun 23 07:20:48 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)

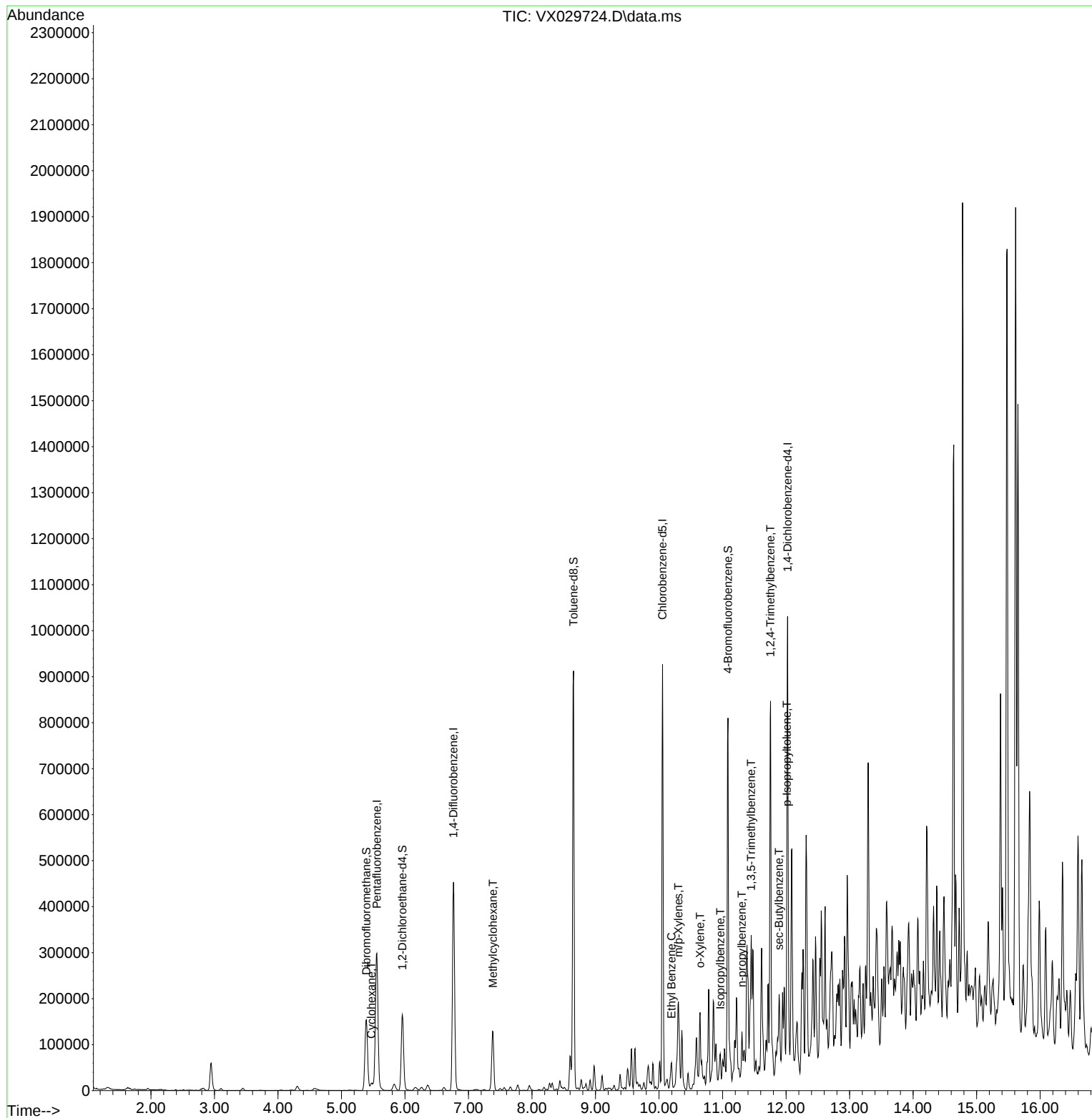
Internal Standards						
1) Pentafluorobenzene	5.556	168	295648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	491502	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	429559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	199007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157365	40.210	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.420%
35) Dibromofluoromethane	5.391	113	140364	43.822	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.640%
50) Toluene-d8	8.653	98	561444	47.981	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.960%
62) 4-Bromofluorobenzene	11.085	95	205477	46.565	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.120%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.470	56	10620	2.021	ug/l	94
39) Methylcyclohexane	7.385	83	63307	11.713	ug/l	94
67) Ethyl Benzene	10.195	91	27043	1.784	ug/l	99
68) m/p-Xylenes	10.305	106	37577	6.355	ug/l	98
69) o-Xylene	10.646	106	33969	5.815	ug/l	98
73) Isopropylbenzene	10.963	105	27822	1.865	ug/l	98
78) n-propylbenzene	11.305	91	54836	3.263	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	120566	9.594	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	347417	27.720	ug/l	99
85) sec-Butylbenzene	11.890	105	41302	2.720	ug/l	95
86) p-Isopropyltoluene	12.012	119	50896	4.003	ug/l	98

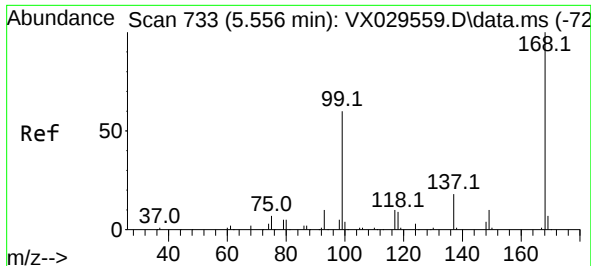
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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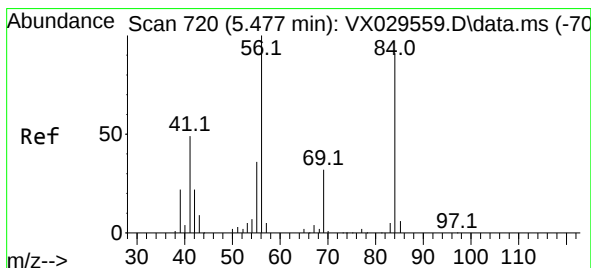
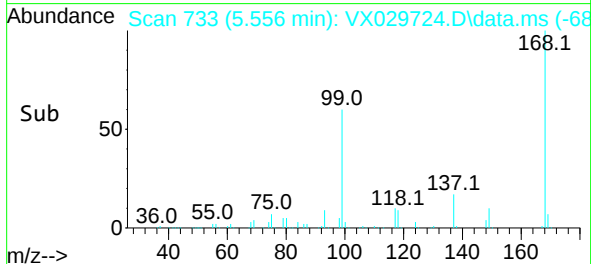
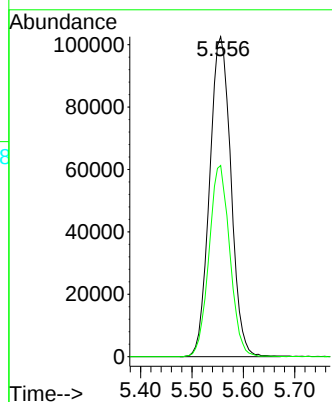
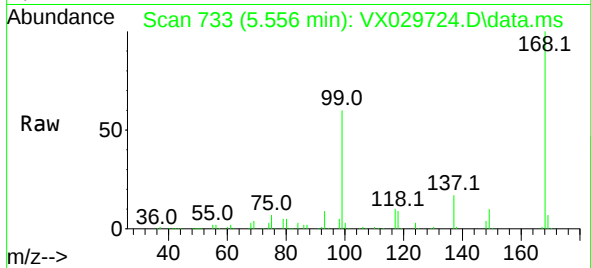




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX029724.D
Acq: 23 Jun 2022 06:07

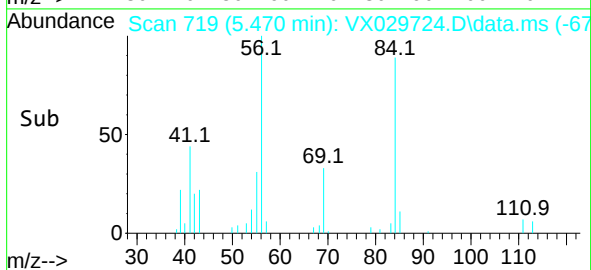
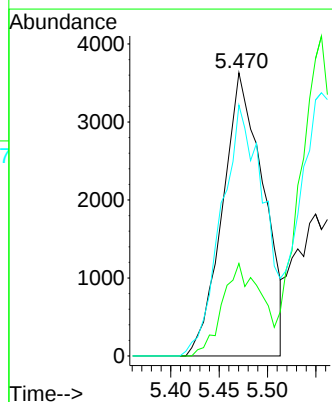
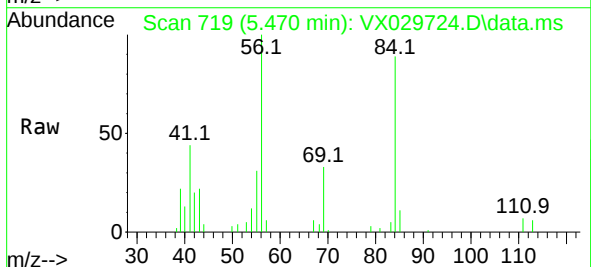
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-11-GR

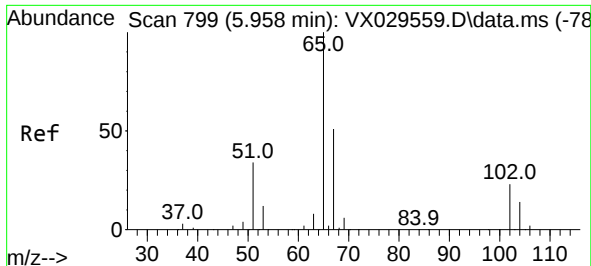
Tgt Ion:168 Resp: 295648
Ion Ratio Lower Upper
168 100
99 59.8 41.7 62.5



#31
Cyclohexane
Concen: 2.021 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX029724.D
Acq: 23 Jun 2022 06:07

Tgt Ion: 56 Resp: 10620
Ion Ratio Lower Upper
56 100
69 32.7 26.7 40.1
84 88.6 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 40.210 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029724.D

Acq: 23 Jun 2022 06:07

Instrument :

MSVOA_X

ClientSampleId :

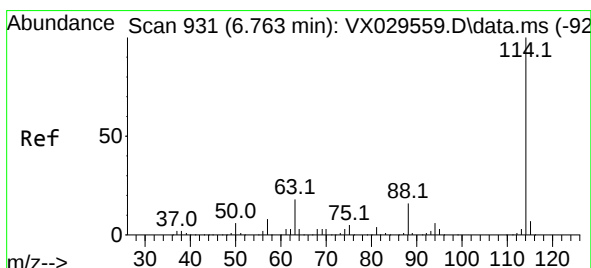
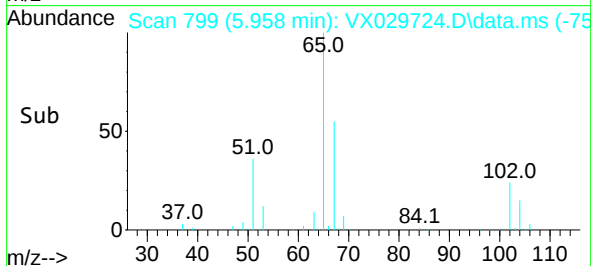
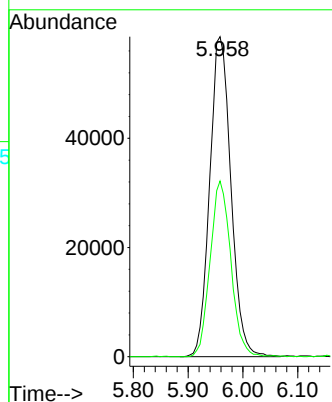
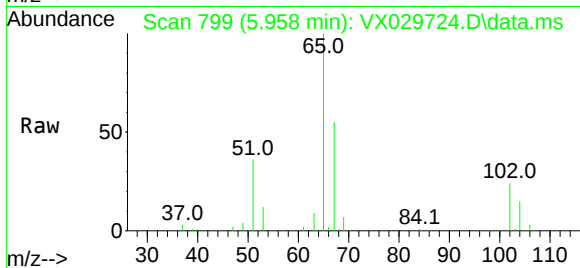
WC-14A-1A-11-GR

Tgt Ion: 65 Resp: 157365

Ion Ratio Lower Upper

65 100

67 53.8 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: VX029724.D

Acq: 23 Jun 2022 06:07

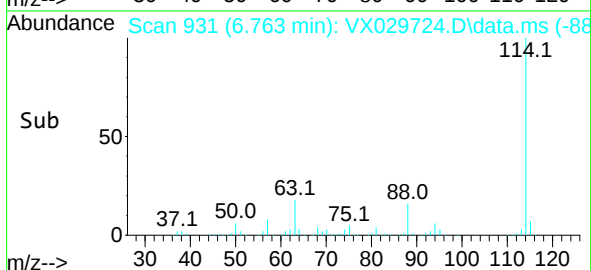
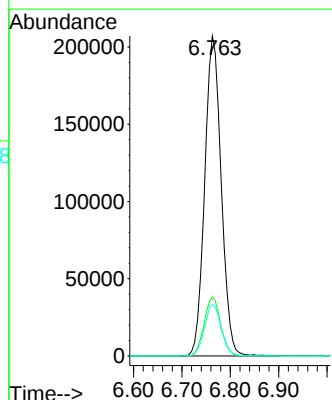
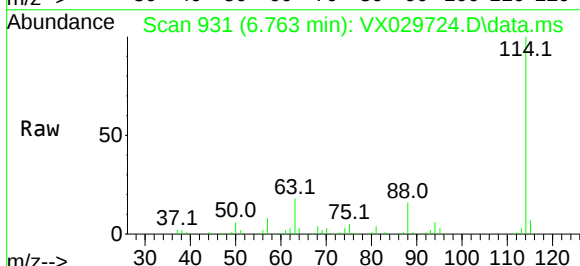
Tgt Ion: 114 Resp: 491502

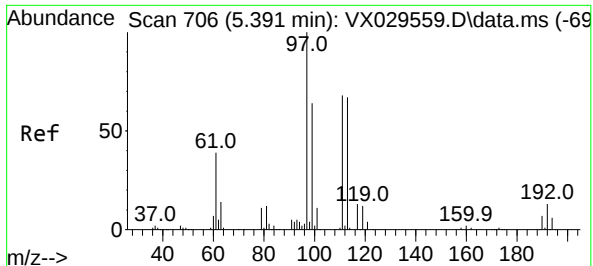
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 16.1 0.0 32.4

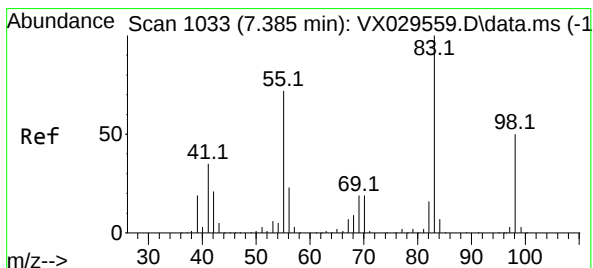
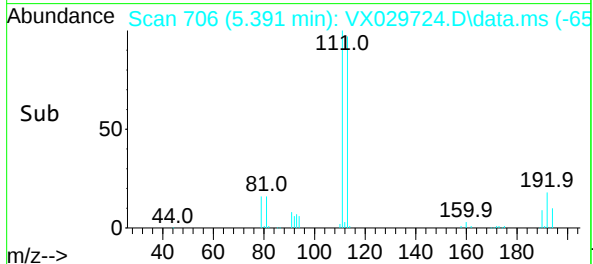
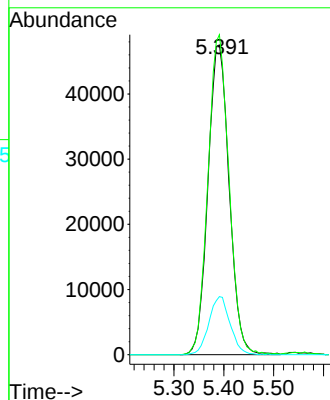
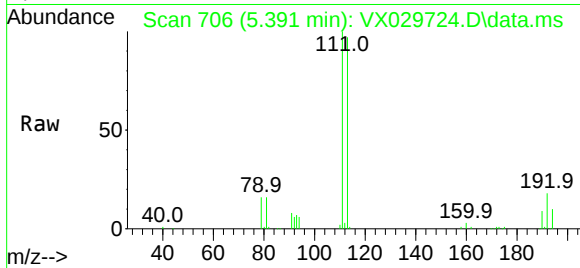




#35
Dibromofluoromethane
Concen: 43.822 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029724.D
Acq: 23 Jun 2022 06:07

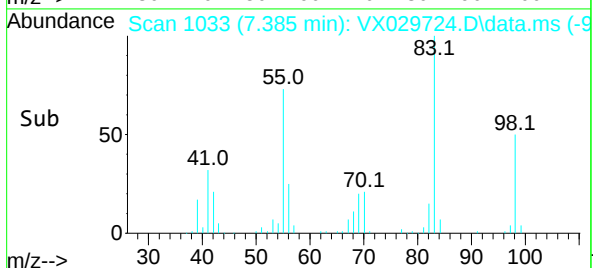
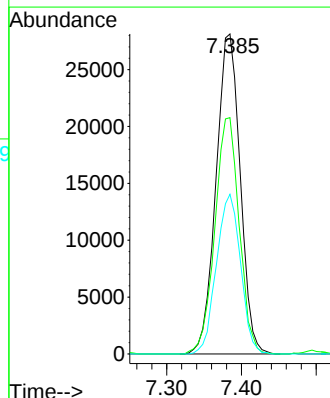
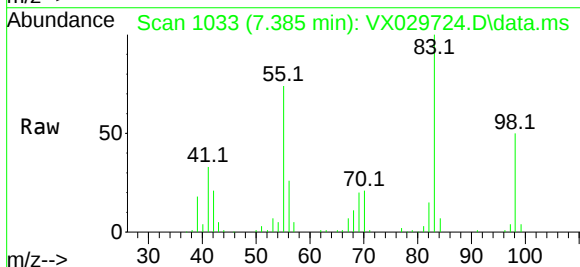
Instrument :
MSVOA_X
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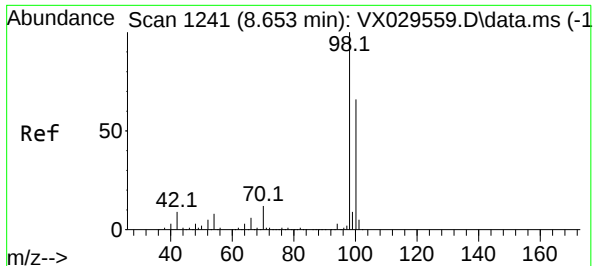
Tgt Ion:113 Resp: 140364
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 18.7 16.9 25.3



#39
Methylcyclohexane
Concen: 11.713 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029724.D
Acq: 23 Jun 2022 06:07

Tgt Ion: 83 Resp: 63307
Ion Ratio Lower Upper
83 100
55 73.9 54.6 81.8
98 49.9 37.4 56.2

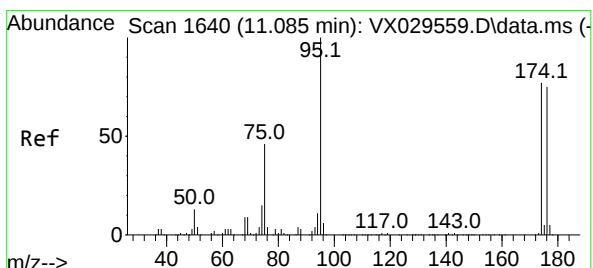
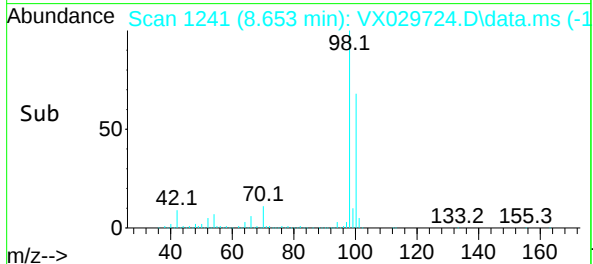
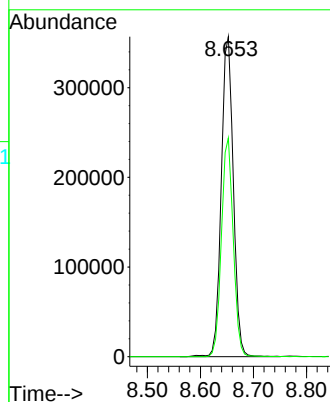
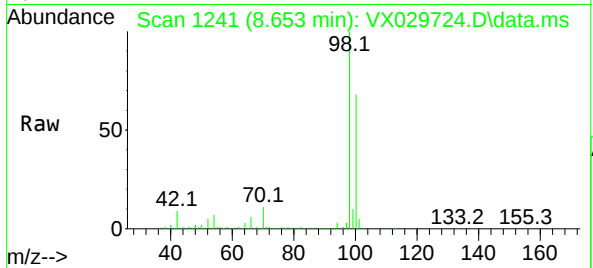




#50
Toluene-d8
Concen: 47.981 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029724.D
Acq: 23 Jun 2022 06:07

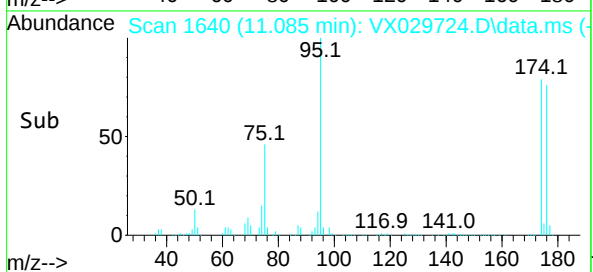
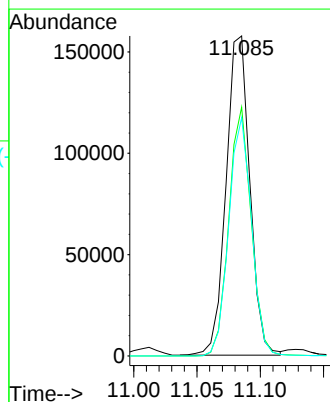
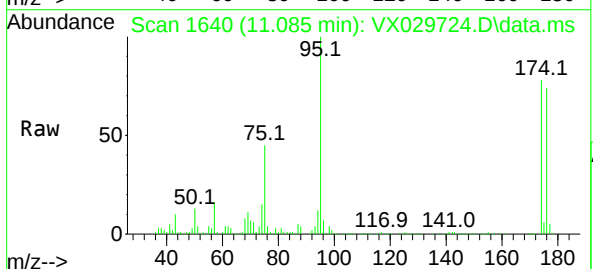
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-11-GR

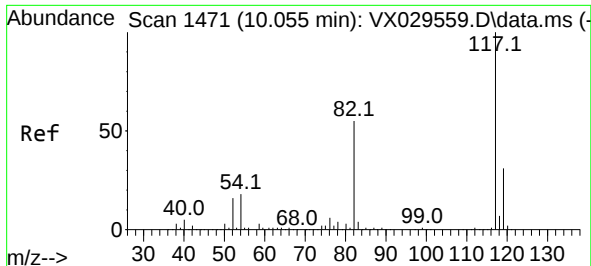
Tgt Ion: 98 Resp: 561444
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.565 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029724.D
Acq: 23 Jun 2022 06:07

Tgt Ion: 95 Resp: 205477
Ion Ratio Lower Upper
95 100
174 73.7 0.0 163.0
176 71.9 0.0 155.0

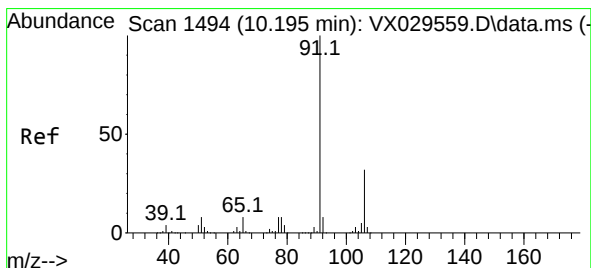
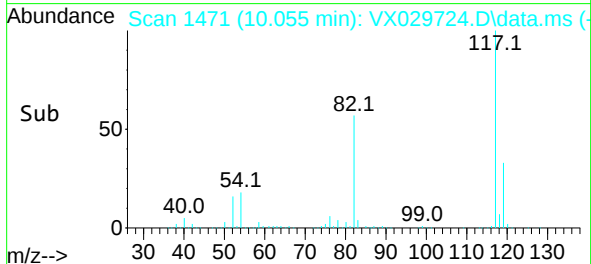
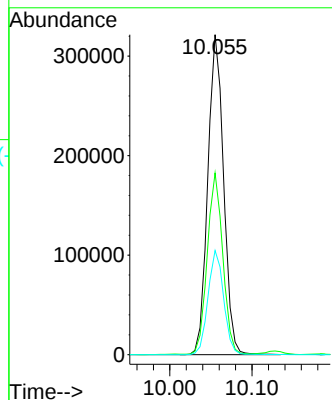
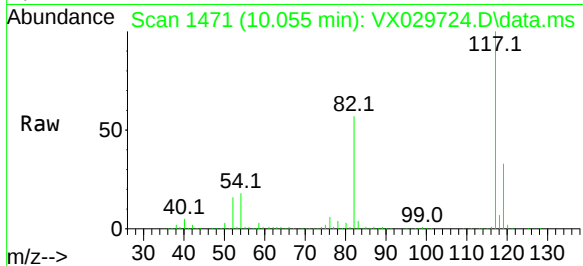




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029724.D
Acq: 23 Jun 2022 06:07

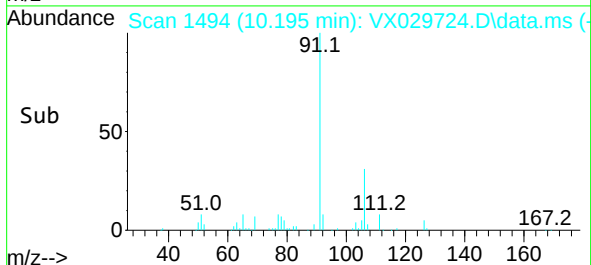
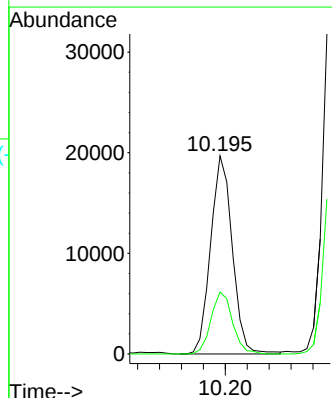
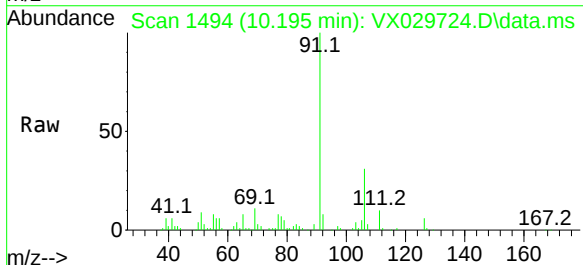
Instrument :
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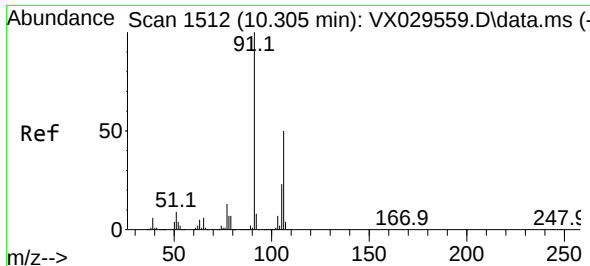
Tgt Ion:117 Resp: 429559
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 32.6 24.8 37.2



#67
Ethyl Benzene
Concen: 1.784 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029724.D
Acq: 23 Jun 2022 06:07

Tgt Ion: 91 Resp: 27043
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8

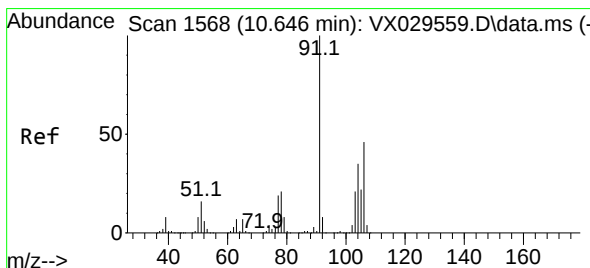
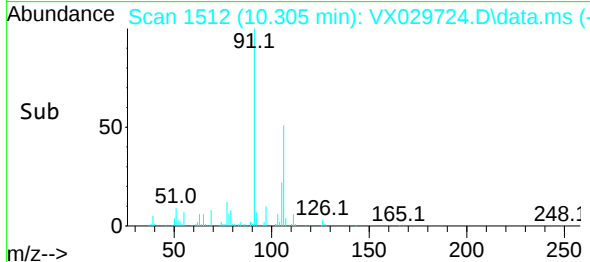
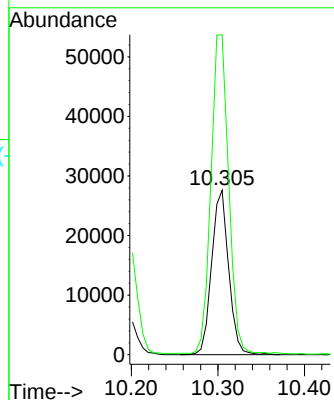
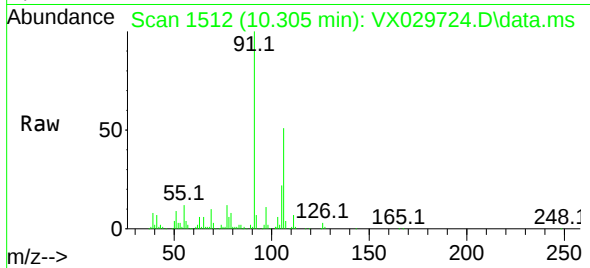




#68
m/p-Xylenes
Concen: 6.355 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029724.D
Acq: 23 Jun 2022 06:07

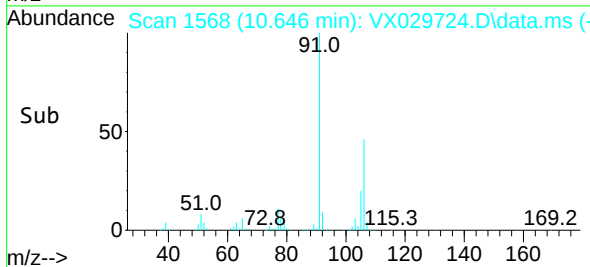
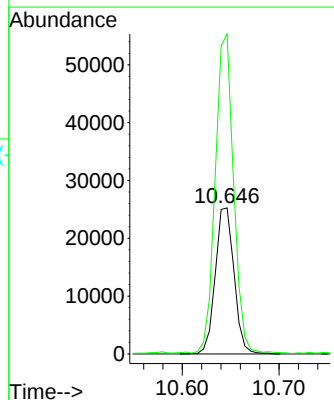
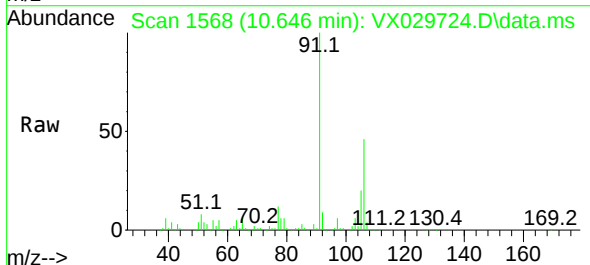
Instrument :
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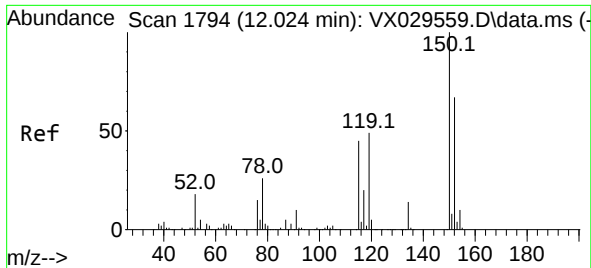
Tgt Ion:106 Resp: 37577
Ion Ratio Lower Upper
106 100
91 204.0 160.4 240.6



#69
o-Xylene
Concen: 5.815 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029724.D
Acq: 23 Jun 2022 06:07

Tgt Ion:106 Resp: 33969
Ion Ratio Lower Upper
106 100
91 215.7 106.1 318.1

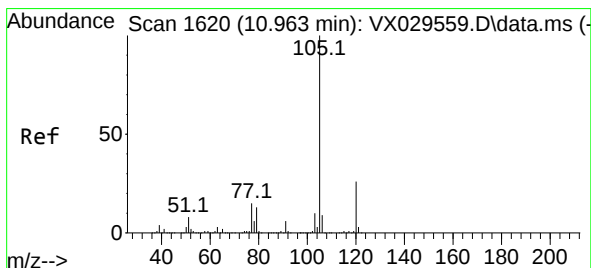
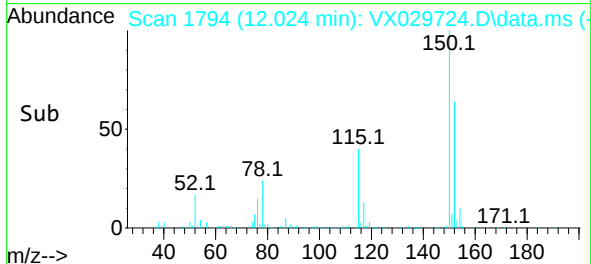
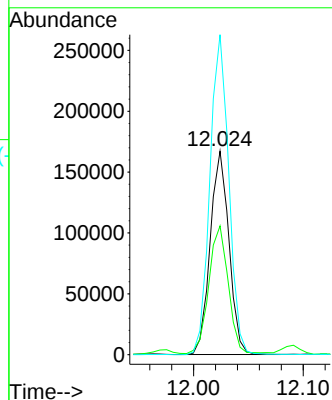
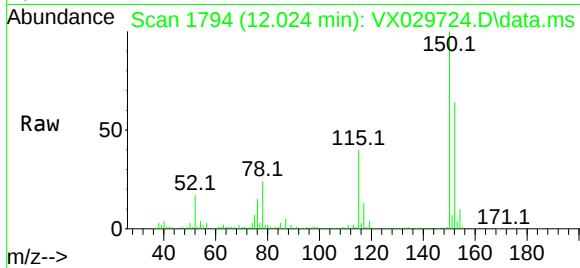




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029724.D
Acq: 23 Jun 2022 06:07

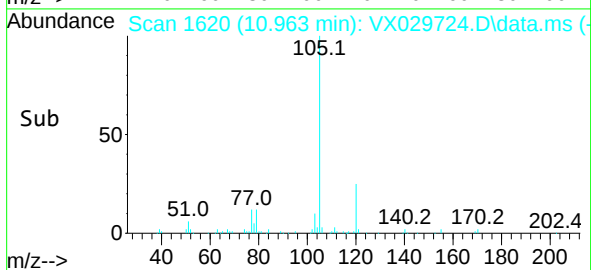
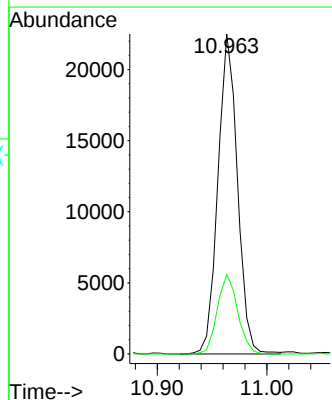
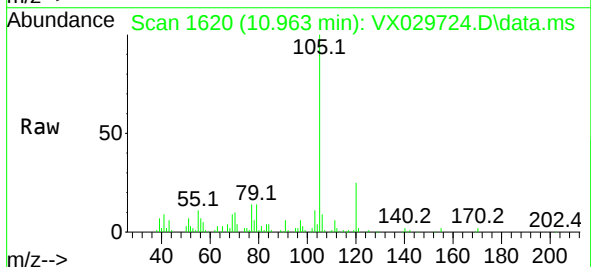
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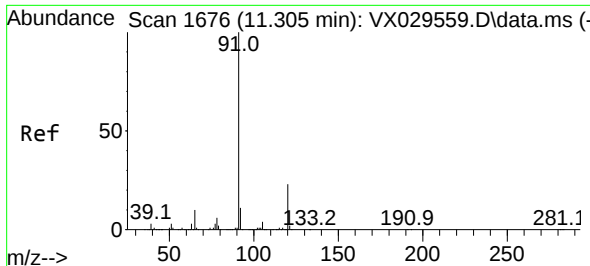
Tgt Ion:152 Resp: 199007
Ion Ratio Lower Upper
152 100
115 65.6 37.5 112.7
150 157.9 0.0 338.2



#73
Isopropylbenzene
Concen: 1.865 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029724.D
Acq: 23 Jun 2022 06:07

Tgt Ion:105 Resp: 27822
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.5

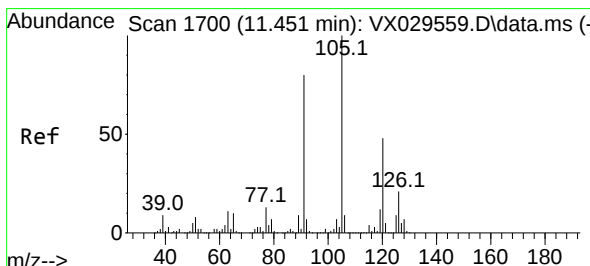
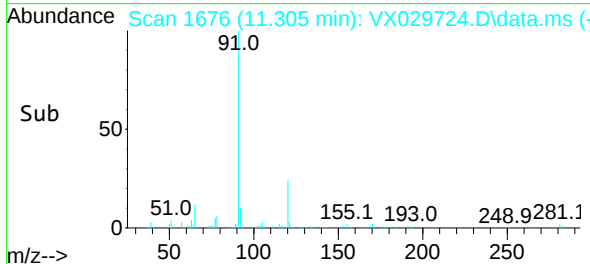
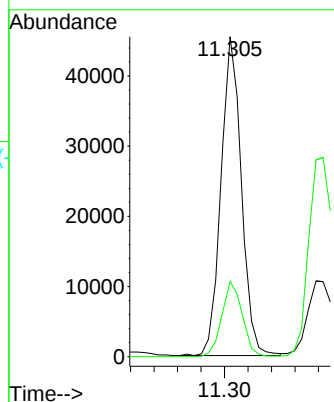
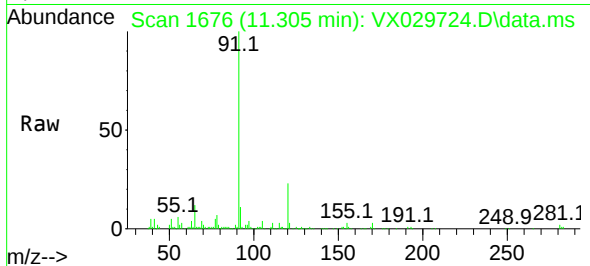




#78
n-propylbenzene
Concen: 3.263 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX029724.D
Acq: 23 Jun 2022 06:07

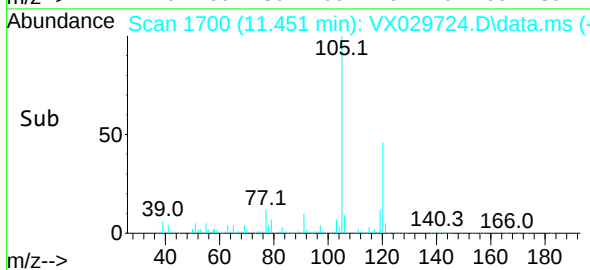
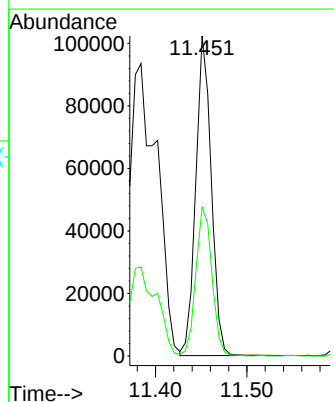
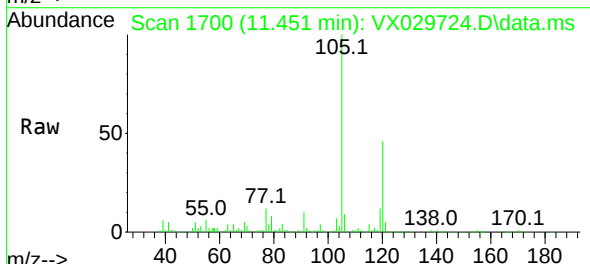
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-11-GR

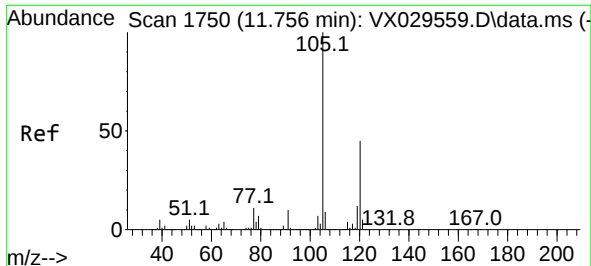
Tgt Ion: 91 Resp: 54836
Ion Ratio Lower Upper
91 100
120 23.7 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 9.594 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029724.D
Acq: 23 Jun 2022 06:07

Tgt Ion: 105 Resp: 120566
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.9

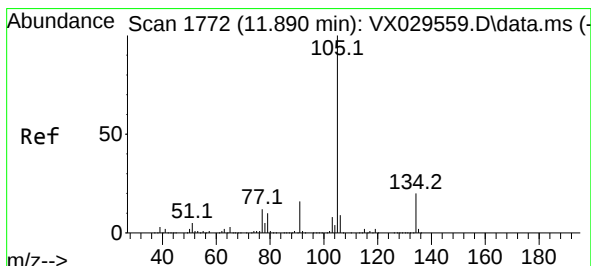
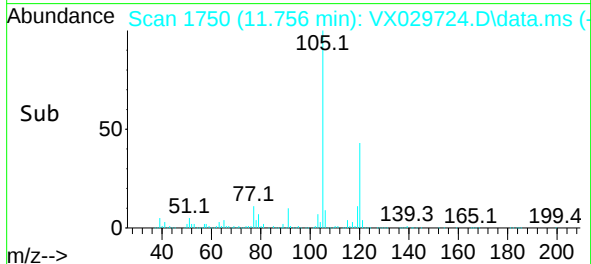
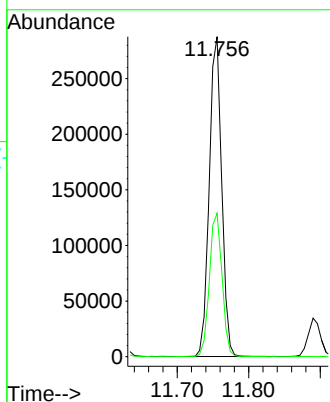
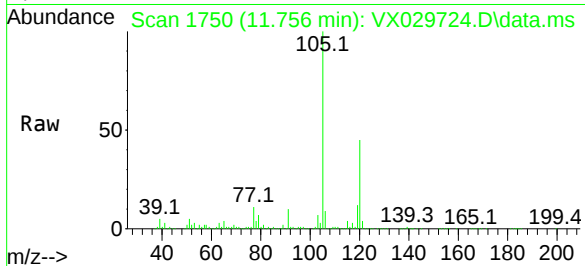




#84
1,2,4-Trimethylbenzene
Concen: 27.720 ug/l
RT: 11.756 min Scan# 11750
Delta R.T. -0.000 min
Lab File: VX029724.D
Acq: 23 Jun 2022 06:07

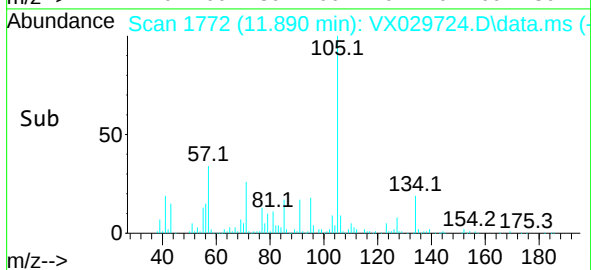
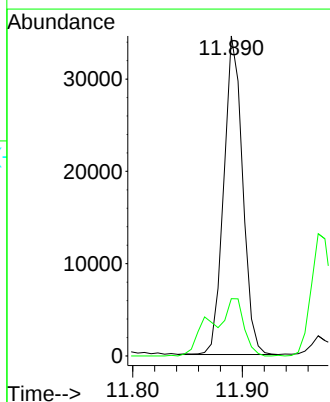
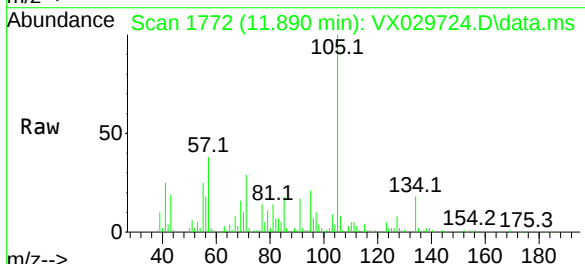
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-11-GR

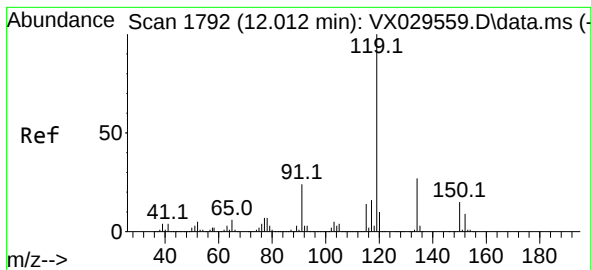
Tgt Ion:105 Resp: 347417
Ion Ratio Lower Upper
105 100
120 45.7 22.6 67.8



#85
sec-Butylbenzene
Concen: 2.720 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX029724.D
Acq: 23 Jun 2022 06:07

Tgt Ion:105 Resp: 41302
Ion Ratio Lower Upper
105 100
134 18.1 10.2 30.4





#86
 p-Isopropyltoluene
 Concen: 4.003 ug/l
 RT: 12.012 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029724.D
 Acq: 23 Jun 2022 06:07

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-1A-11-GR

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.0	39.0
91	24.4	11.3	33.9

