

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029719.D
 Acq On : 23 Jun 2022 04:11
 Operator : JC/MD
 Sample : N3334-07
 Misc : 3.57g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-1A-8

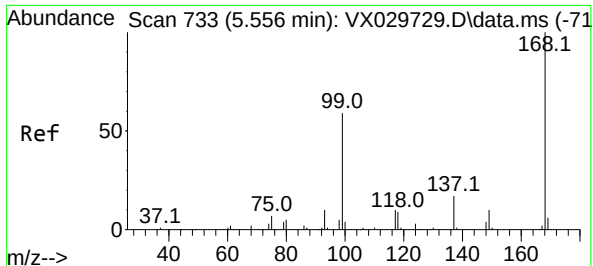
Quant Time: Jun 23 07:19:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	292590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	486900	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	415484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	186985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154163	39.804	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	79.600%		
35) Dibromofluoromethane	5.397	113	135415	42.677	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.360%		
50) Toluene-d8	8.653	98	548722	47.337	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.680%		
62) 4-Bromofluorobenzene	11.085	95	203187	46.481	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.960%		
Target Compounds					Qvalue	
18) Methyl Acetate	2.727	43	20116	4.928	ug/l	94
31) Cyclohexane	5.464	56	33386	6.421	ug/l	91
39) Methylcyclohexane	7.379	83	160126	29.906	ug/l	100
40) Benzene	6.037	78	12953	1.018	ug/l	93
52) Toluene	8.720	92	25528	3.132	ug/l	99
67) Ethyl Benzene	10.195	91	221335	15.092	ug/l	99
68) m/p-Xylenes	10.305	106	149366	26.116	ug/l	99
69) o-Xylene	10.646	106	330930	58.566	ug/l	98
73) Isopropylbenzene	10.963	105	328178	23.408	ug/l	99
78) n-propylbenzene	11.305	91	539617	34.174	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	1340808	113.560	ug/l	99
83) tert-Butylbenzene	11.719	119	35372	3.073	ug/l	84
84) 1,2,4-Trimethylbenzene	11.756	105	2573447	218.538	ug/l	98
85) sec-Butylbenzene	11.896	105	395302	27.706	ug/l #	77
86) p-Isopropyltoluene	12.012	119	386943	32.390	ug/l	99
91) 1,2-Dichlorobenzene	12.341	146	21430	3.577	ug/l	84

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

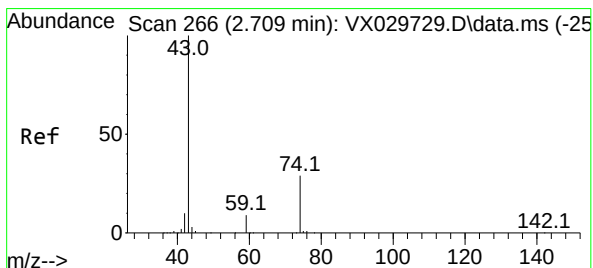
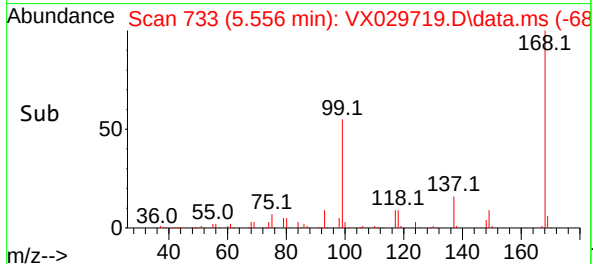
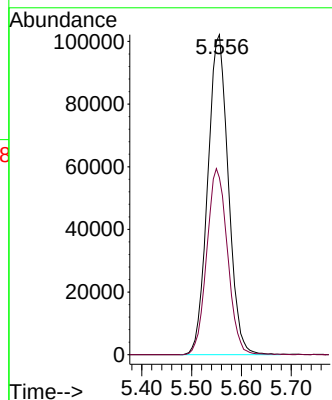
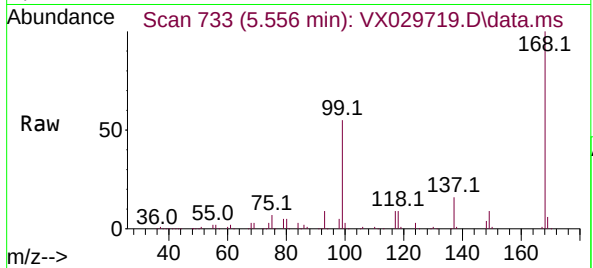
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-8



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX029719.D
Acq: 23 Jun 2022 04:11

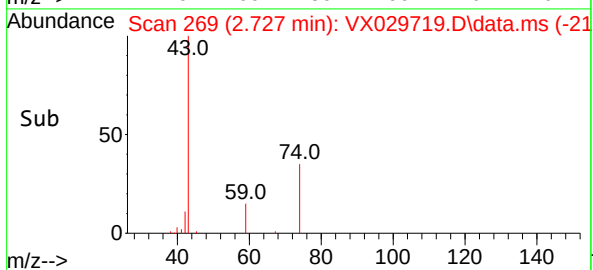
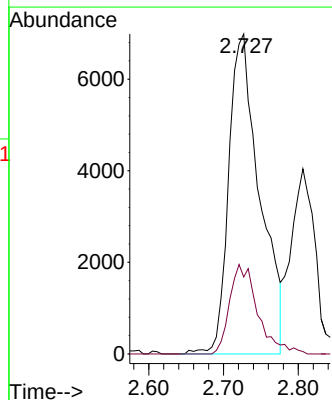
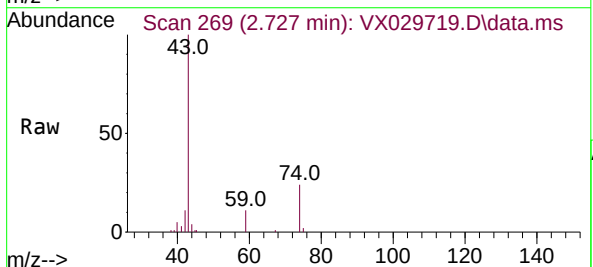
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-8

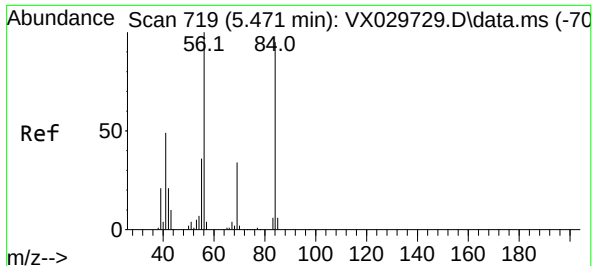
Tgt Ion:168 Resp: 292590
Ion Ratio Lower Upper
168 100
99 55.3 41.7 62.5



#18
Methyl Acetate
Concen: 4.928 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.018 min
Lab File: VX029719.D
Acq: 23 Jun 2022 04:11

Tgt Ion: 43 Resp: 20116
Ion Ratio Lower Upper
43 100
74 25.4 22.8 34.2

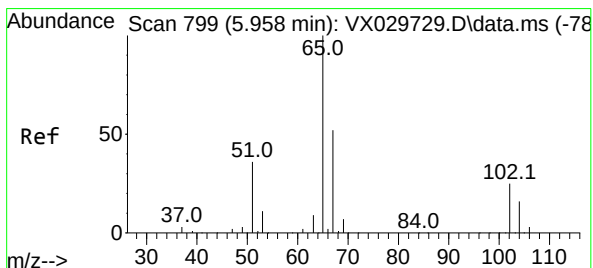
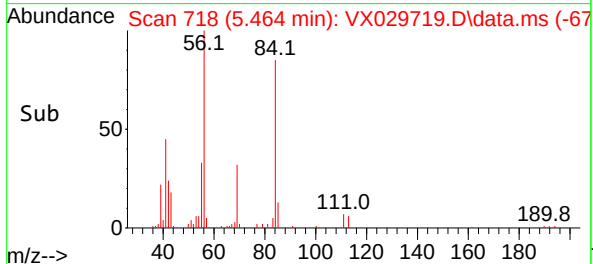
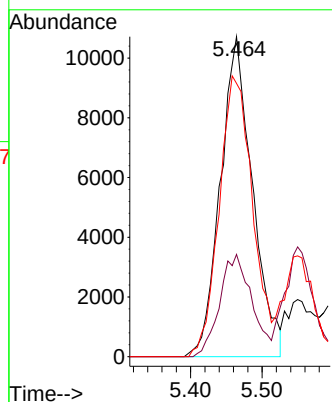
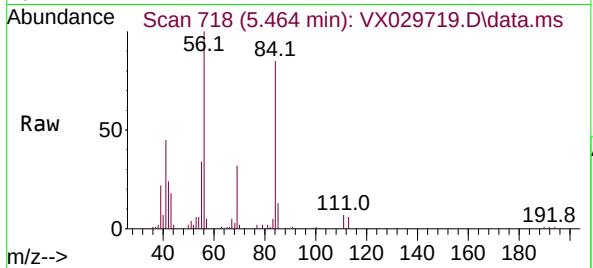




#31
Cyclohexane
Concen: 6.421 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.013 min
Lab File: VX029719.D
Acq: 23 Jun 2022 04:11

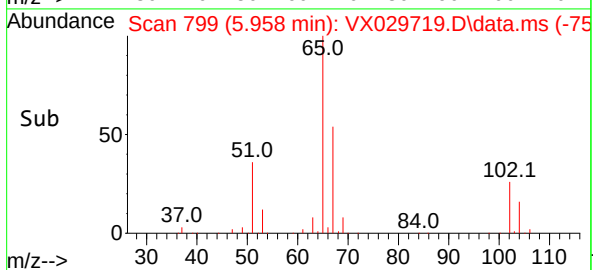
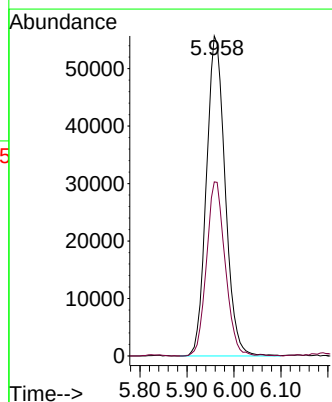
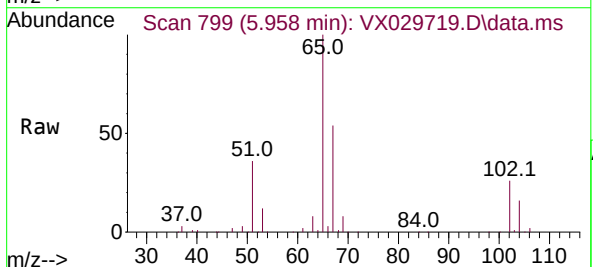
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ClientSampleId :
WC-14A-1A-8

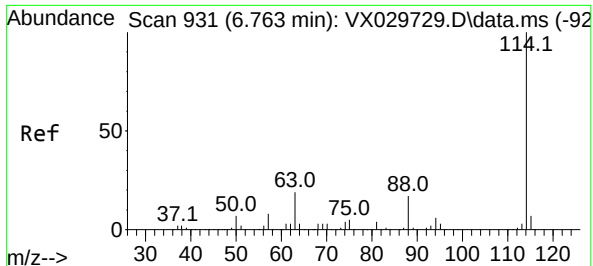
Tgt Ion: 56 Resp: 33386
Ion Ratio Lower Upper
56 100
69 32.0 26.7 40.1
84 85.4 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 39.804 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029719.D
Acq: 23 Jun 2022 04:11

Tgt Ion: 65 Resp: 154163
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.4

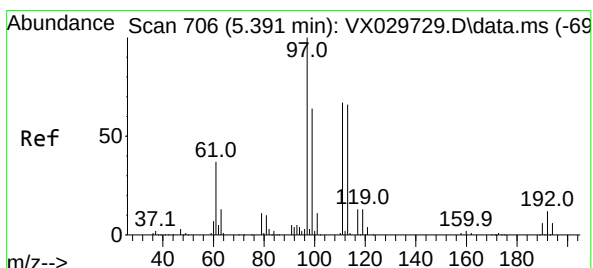
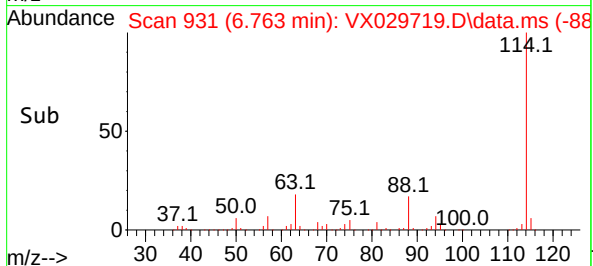
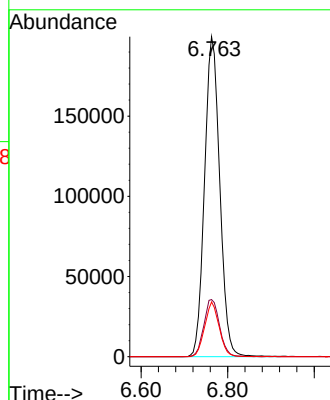
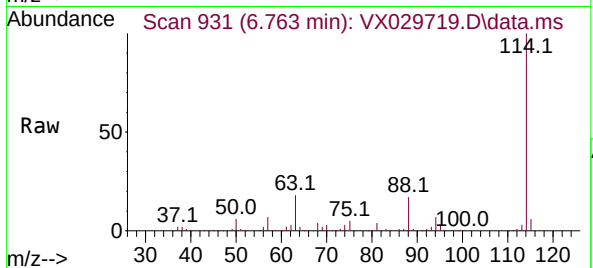




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX029719.D
Acq: 23 Jun 2022 04:11

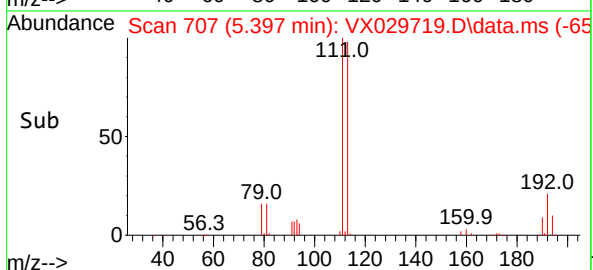
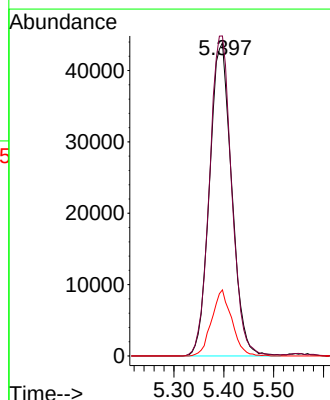
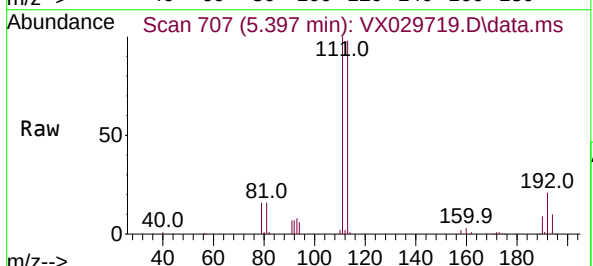
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-8

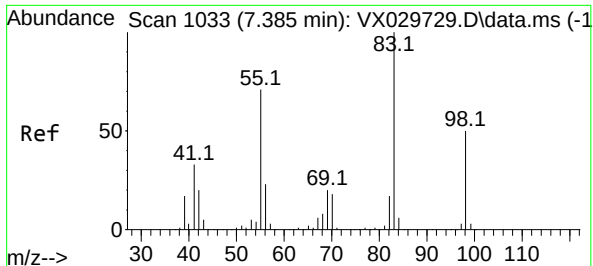
Tgt Ion:114 Resp: 486900
Ion Ratio Lower Upper
114 100
63 17.8 0.0 36.8
88 17.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 42.677 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX029719.D
Acq: 23 Jun 2022 04:11

Tgt Ion:113 Resp: 135415
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 19.2 16.9 25.3





#39

Methylcyclohexane

Concen: 29.906 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX029719.D

Acq: 23 Jun 2022 04:11

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-8

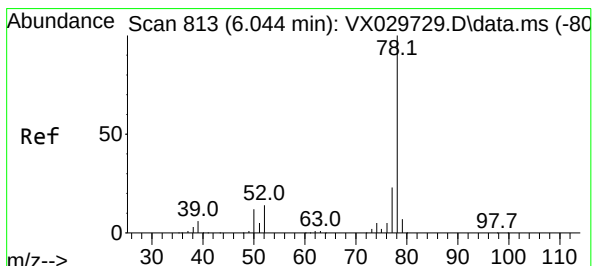
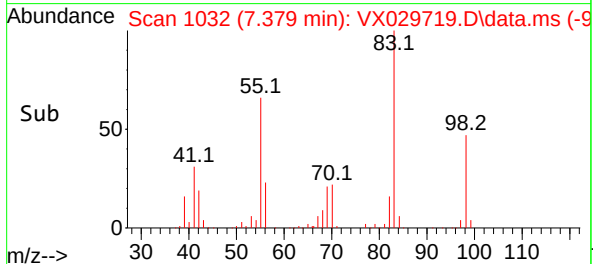
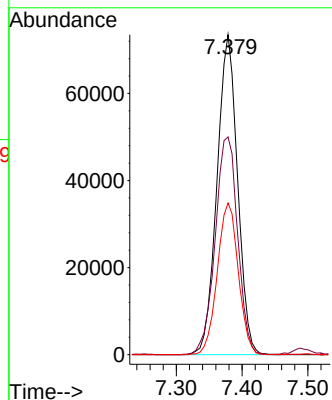
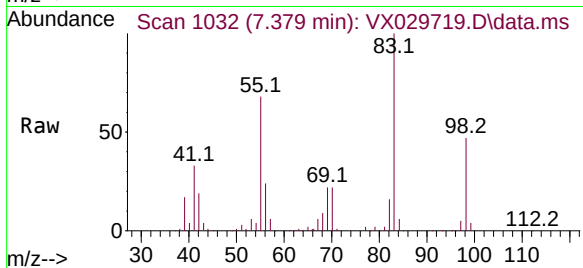
Tgt Ion: 83 Resp: 160126

Ion Ratio Lower Upper

83 100

55 68.1 54.6 81.8

98 47.4 37.4 56.2



#40

Benzene

Concen: 1.018 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.007 min

Lab File: VX029719.D

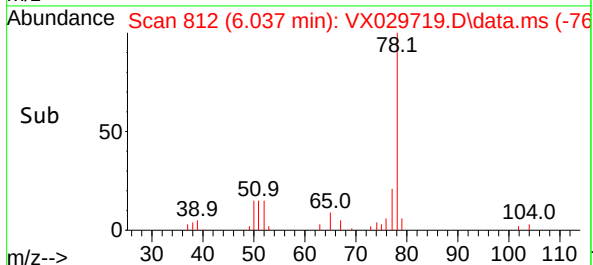
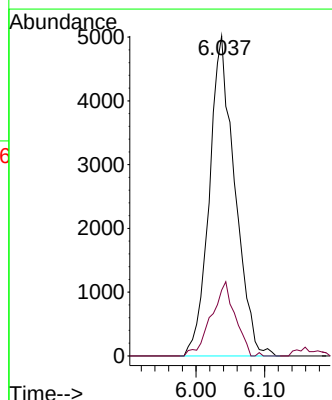
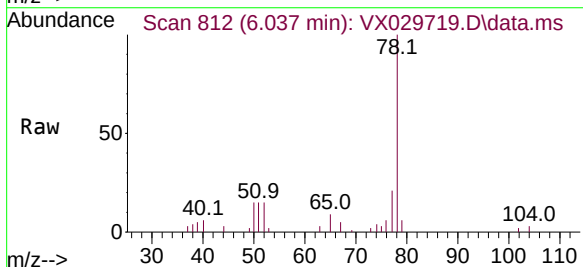
Acq: 23 Jun 2022 04:11

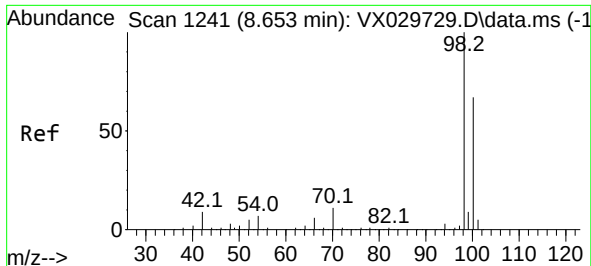
Tgt Ion: 78 Resp: 12953

Ion Ratio Lower Upper

78 100

77 20.5 19.3 28.9





#50

Toluene-d8

Concen: 47.337 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029719.D

Acq: 23 Jun 2022 04:11

Instrument :

MSVOA_X

ClientSampleId :

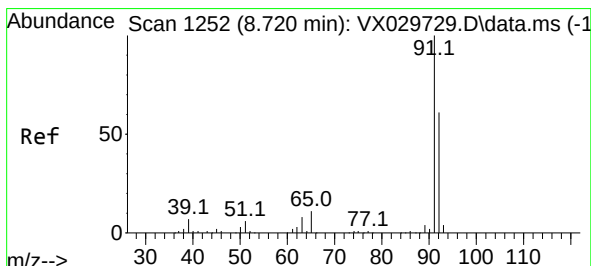
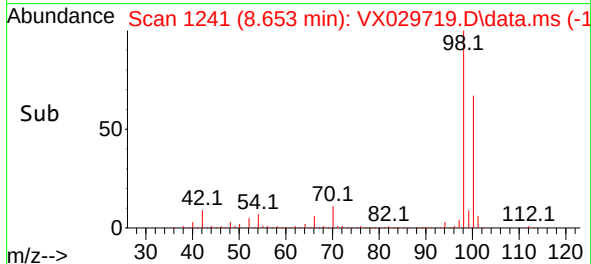
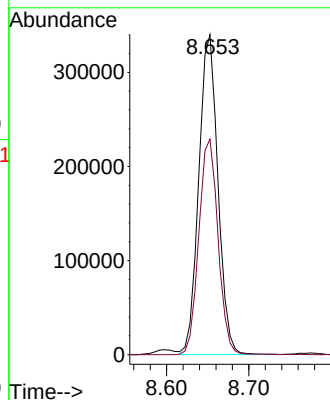
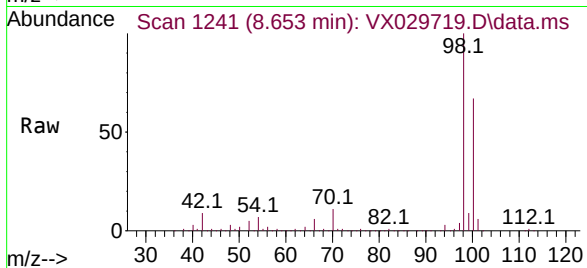
WC-14A-1A-8

Tgt Ion: 98 Resp: 548722

Ion Ratio Lower Upper

98 100

100 67.6 52.6 78.8



#52

Toluene

Concen: 3.132 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX029719.D

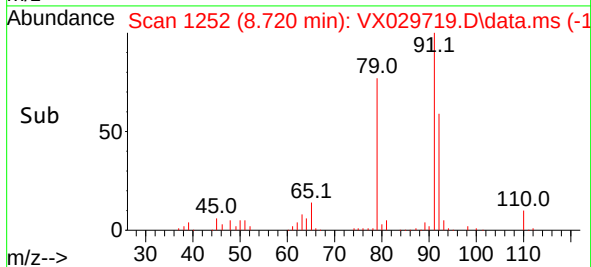
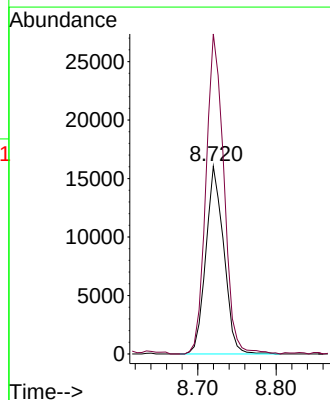
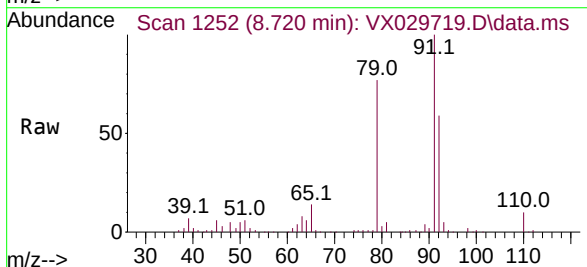
Acq: 23 Jun 2022 04:11

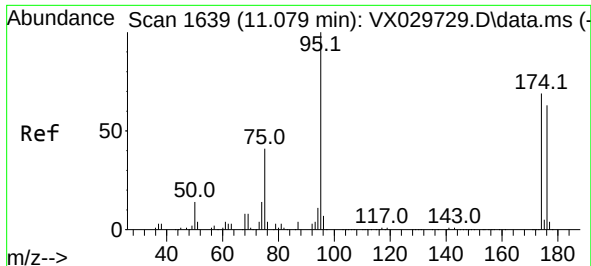
Tgt Ion: 92 Resp: 25528

Ion Ratio Lower Upper

92 100

91 169.8 137.5 206.3

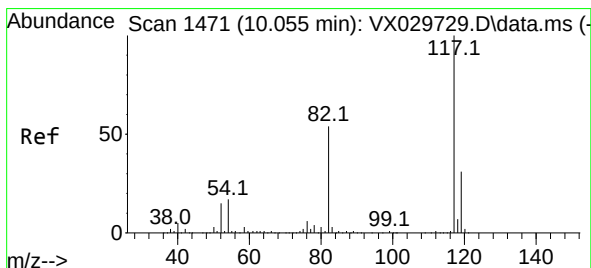
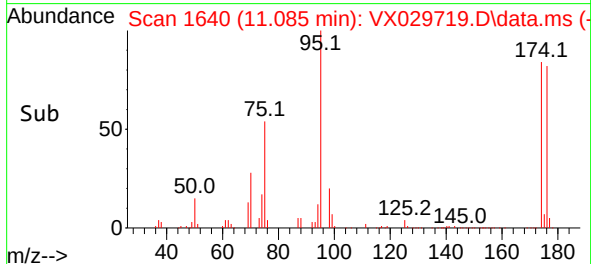
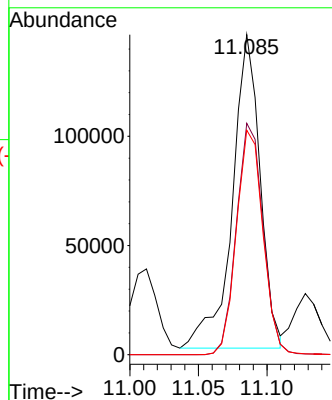
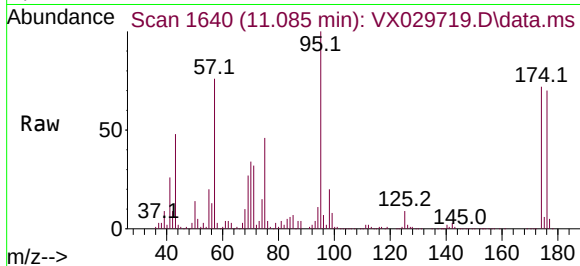




#62
4-Bromofluorobenzene
Concen: 46.481 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029719.D
Acq: 23 Jun 2022 04:11

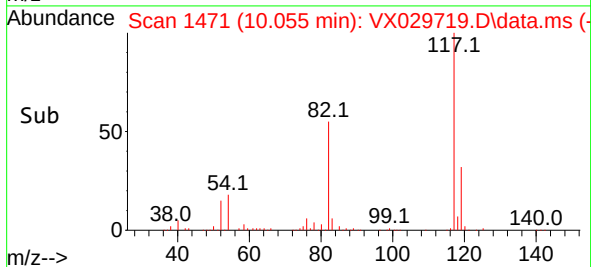
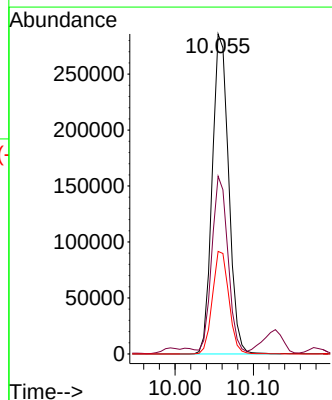
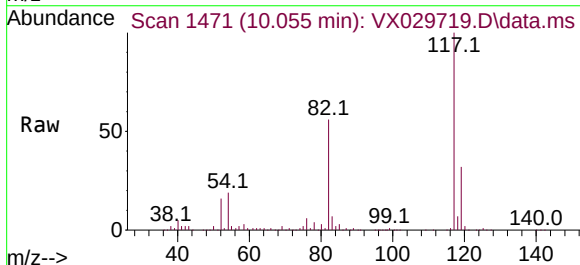
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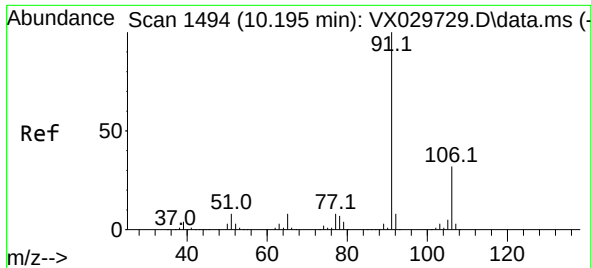
Tgt Ion: 95 Resp: 203187
Ion Ratio Lower Upper
95 100
174 70.6 0.0 163.0
176 68.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029719.D
Acq: 23 Jun 2022 04:11

Tgt Ion: 117 Resp: 415484
Ion Ratio Lower Upper
117 100
82 54.1 41.8 62.8
119 32.0 24.8 37.2

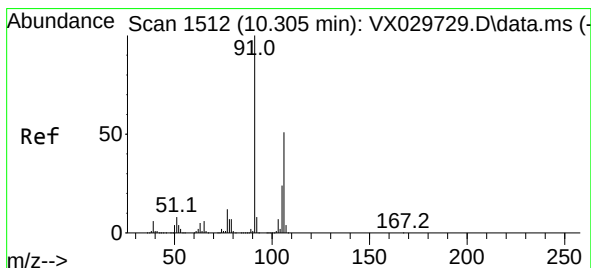
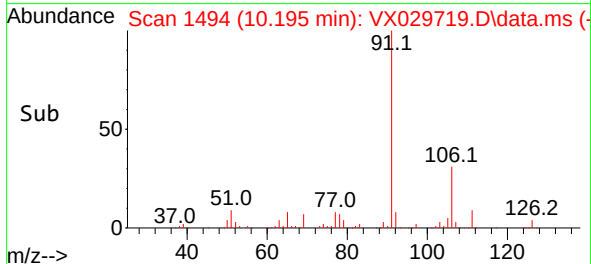
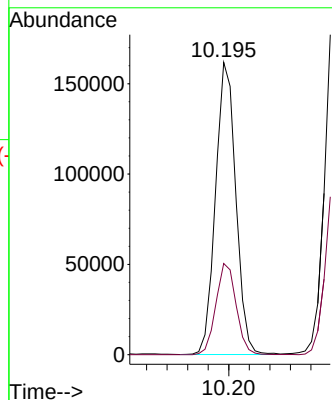
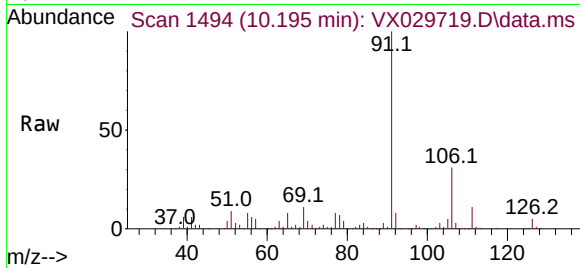




#67
Ethyl Benzene
Concen: 15.092 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029719.D
Acq: 23 Jun 2022 04:11

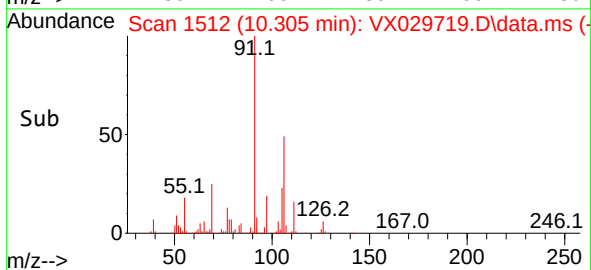
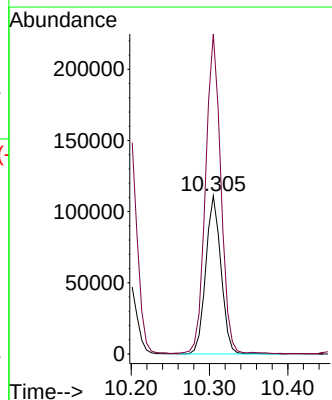
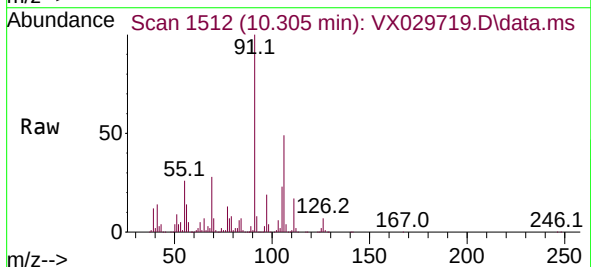
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-8

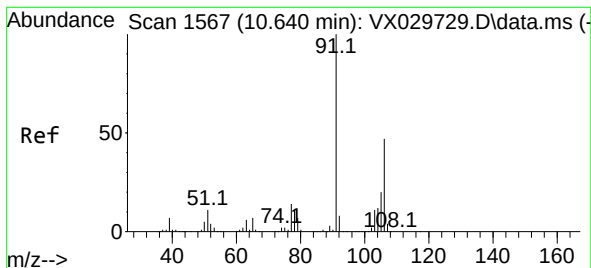
Tgt Ion: 91 Resp: 221335
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8



#68
m/p-Xylenes
Concen: 26.116 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029719.D
Acq: 23 Jun 2022 04:11

Tgt Ion: 106 Resp: 149366
Ion Ratio Lower Upper
106 100
91 202.3 160.4 240.6





#69

o-Xylene

Concen: 58.566 ug/l

RT: 10.646 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX029719.D

Acq: 23 Jun 2022 04:11

Instrument :

MSVOA_X

ClientSampleId :

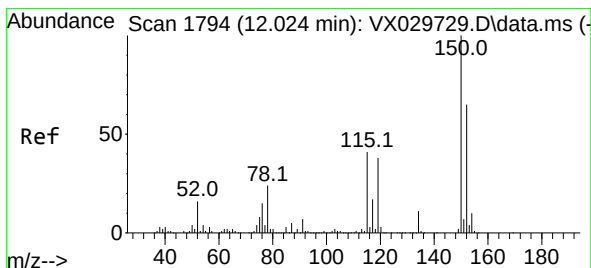
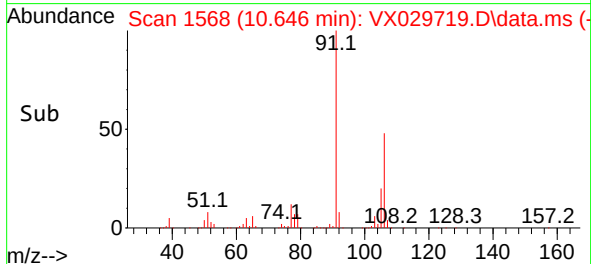
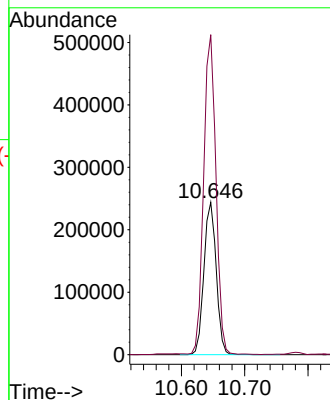
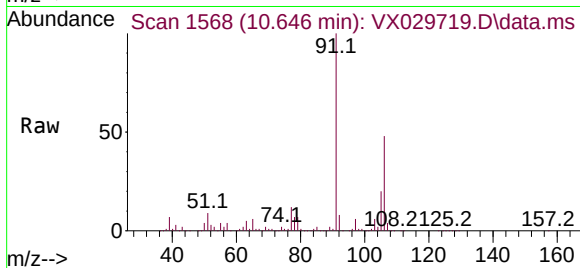
WC-14A-1A-8

Tgt Ion:106 Resp: 330930

Ion Ratio Lower Upper

106 100

91 209.7 106.1 318.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX029719.D

Acq: 23 Jun 2022 04:11

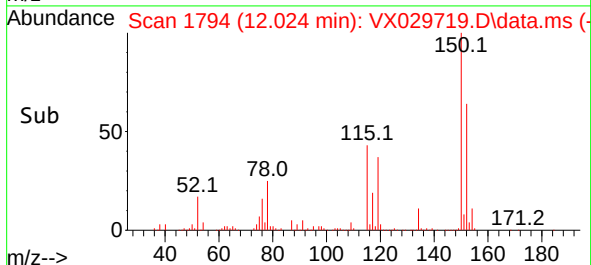
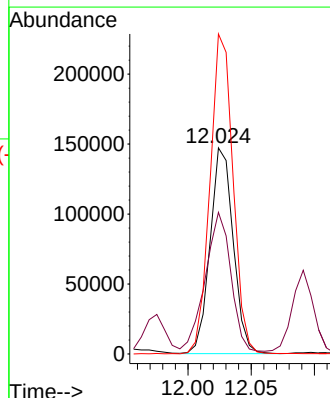
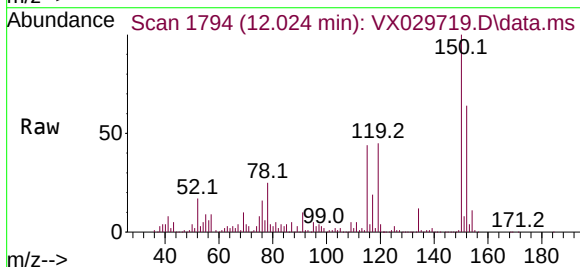
Tgt Ion:152 Resp: 186985

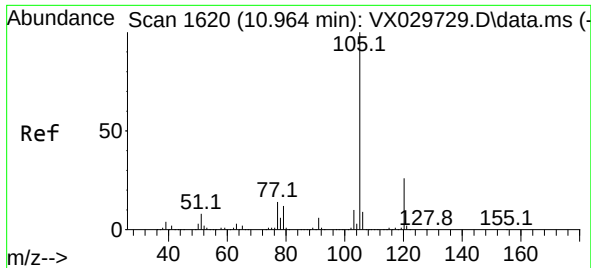
Ion Ratio Lower Upper

152 100

115 76.8 37.5 112.7

150 154.3 0.0 338.2

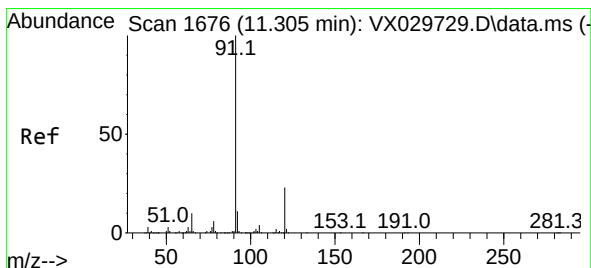
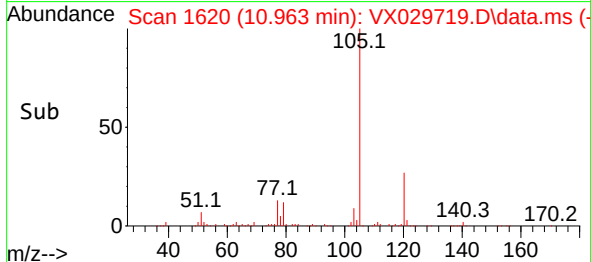
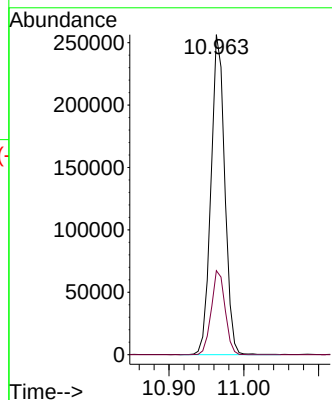
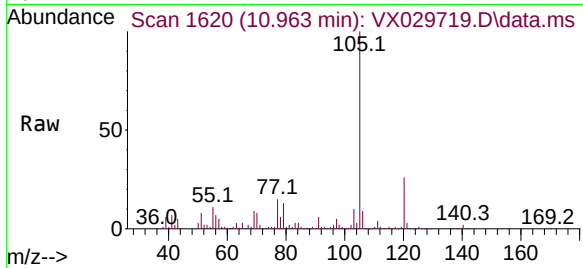




#73
Isopropylbenzene
Concen: 23.408 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029719.D
Acq: 23 Jun 2022 04:11

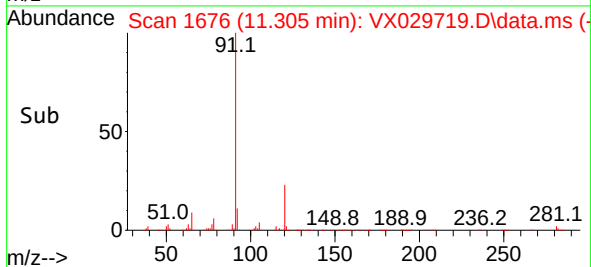
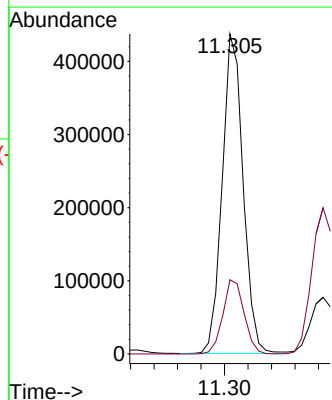
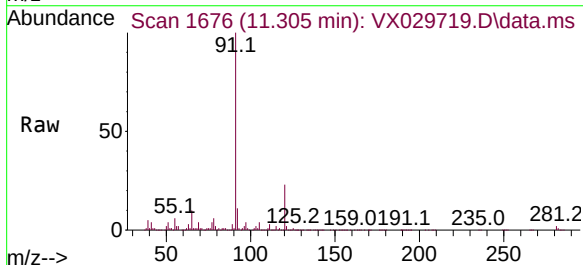
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-8

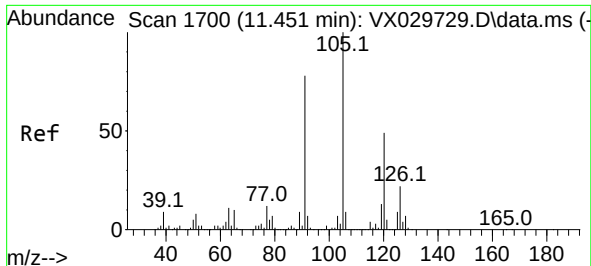
Tgt Ion:105 Resp: 328178
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.5



#78
n-propylbenzene
Concen: 34.174 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029719.D
Acq: 23 Jun 2022 04:11

Tgt Ion: 91 Resp: 539617
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8

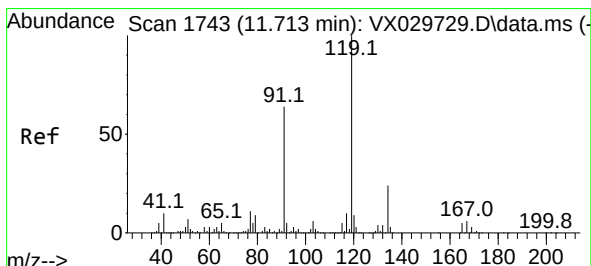
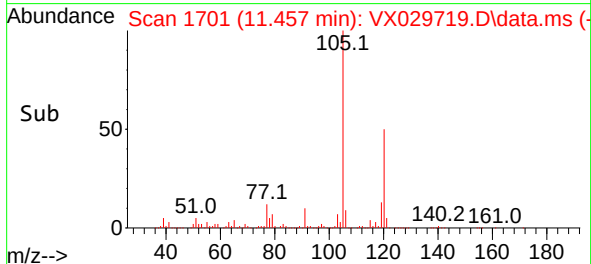
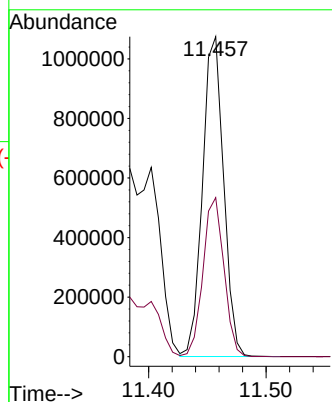
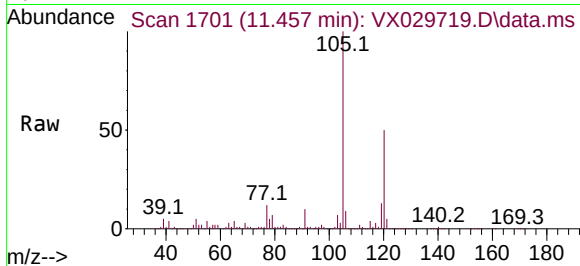




#80
1,3,5-Trimethylbenzene
Concen: 113.560 ug/l
RT: 11.457 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VX029719.D
Acq: 23 Jun 2022 04:11

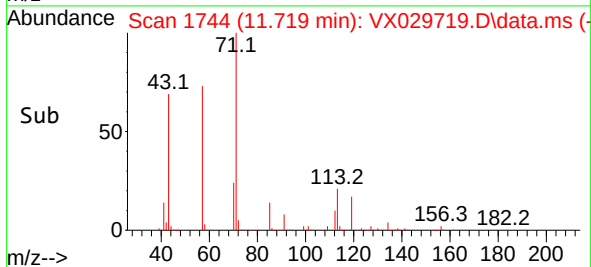
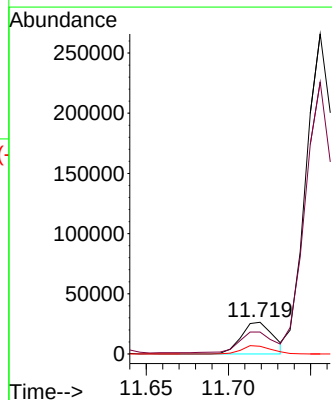
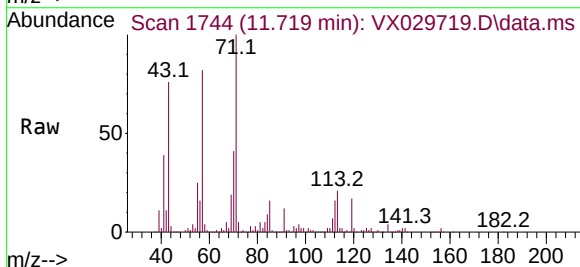
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-8

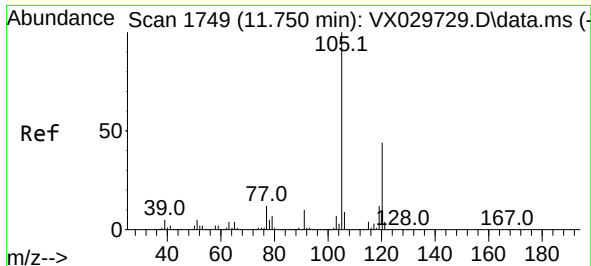
Tgt Ion:105 Resp: 1340808
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.9



#83
tert-Butylbenzene
Concen: 3.073 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX029719.D
Acq: 23 Jun 2022 04:11

Tgt Ion:119 Resp: 35372
Ion Ratio Lower Upper
119 100
91 69.0 26.9 80.6
134 24.4 11.4 34.2

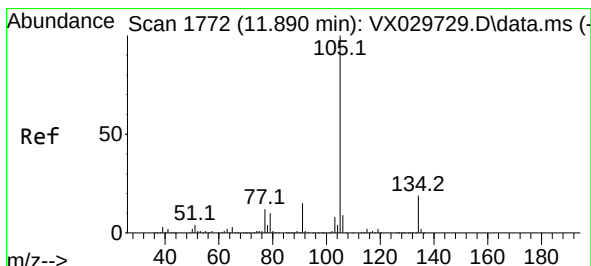
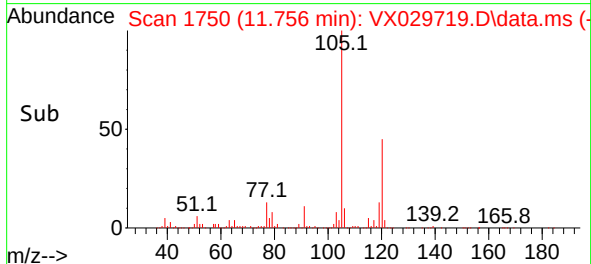
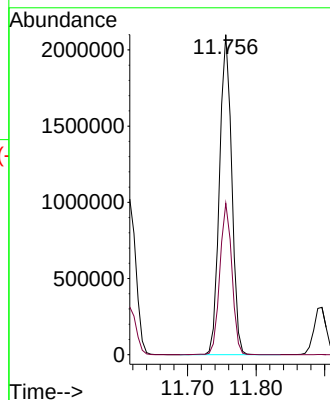
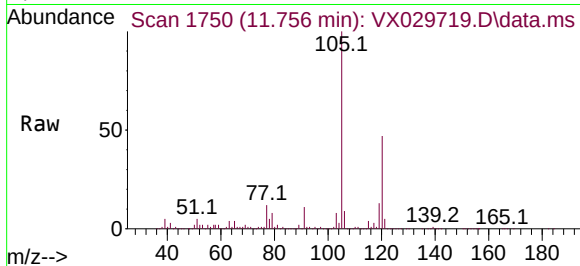




#84
1,2,4-Trimethylbenzene
Concen: 218.538 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029719.D
Acq: 23 Jun 2022 04:11

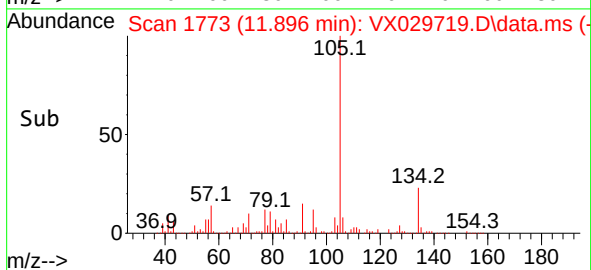
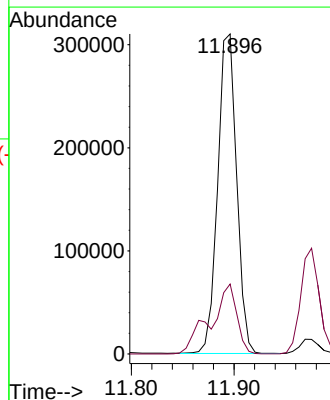
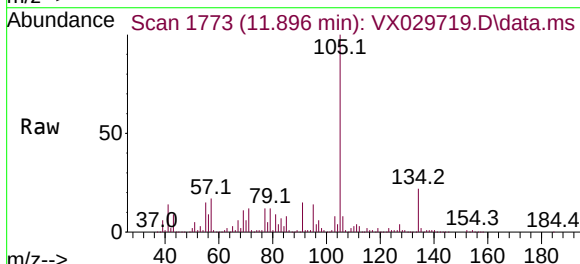
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-8

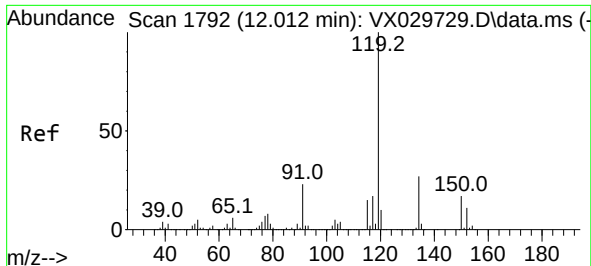
Tgt Ion:105 Resp: 2573447
Ion Ratio Lower Upper
105 100
120 46.8 22.6 67.8



#85
sec-Butylbenzene
Concen: 27.706 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VX029719.D
Acq: 23 Jun 2022 04:11

Tgt Ion:105 Resp: 395302
Ion Ratio Lower Upper
105 100
134 30.7 10.2 30.4#

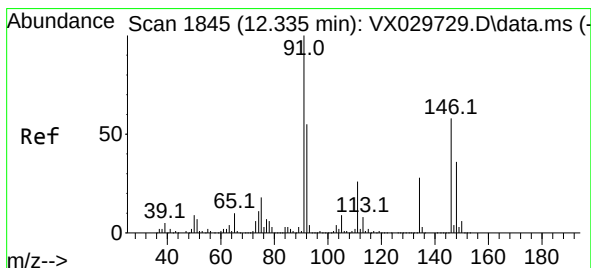
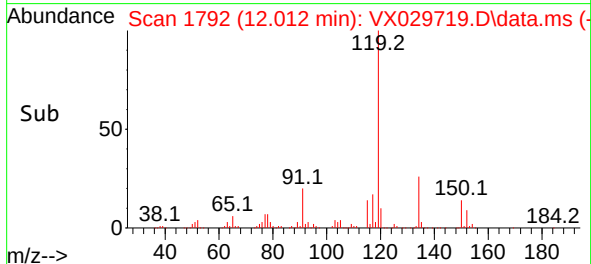
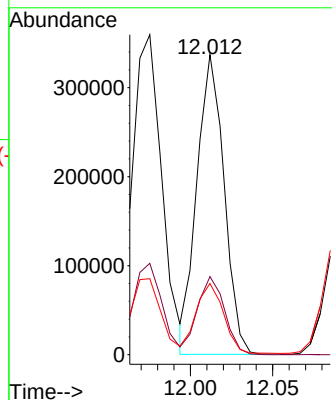
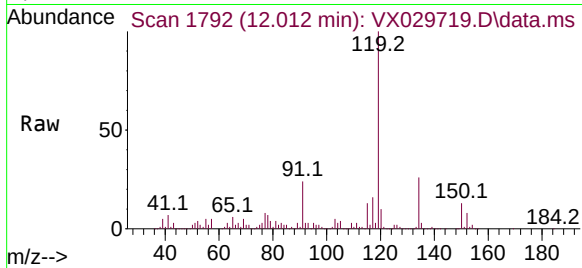




#86
p-Isopropyltoluene
Concen: 32.390 ug/l
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX029719.D
Acq: 23 Jun 2022 04:11

Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-8

Tgt Ion:119 Resp: 386943
Ion Ratio Lower Upper
119 100
134 26.2 13.0 39.0
91 23.6 11.3 33.9



#91
1,2-Dichlorobenzene
Concen: 3.577 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX029719.D
Acq: 23 Jun 2022 04:11

Tgt Ion:146 Resp: 21430
Ion Ratio Lower Upper
146 100
111 61.7 21.0 63.0
148 60.2 32.6 97.7

