

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029718.D
 Acq On : 23 Jun 2022 03:48
 Operator : JC/MD
 Sample : N3334-01
 Misc : 5.34g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-1A-7

Quant Time: Jun 23 07:19:30 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)

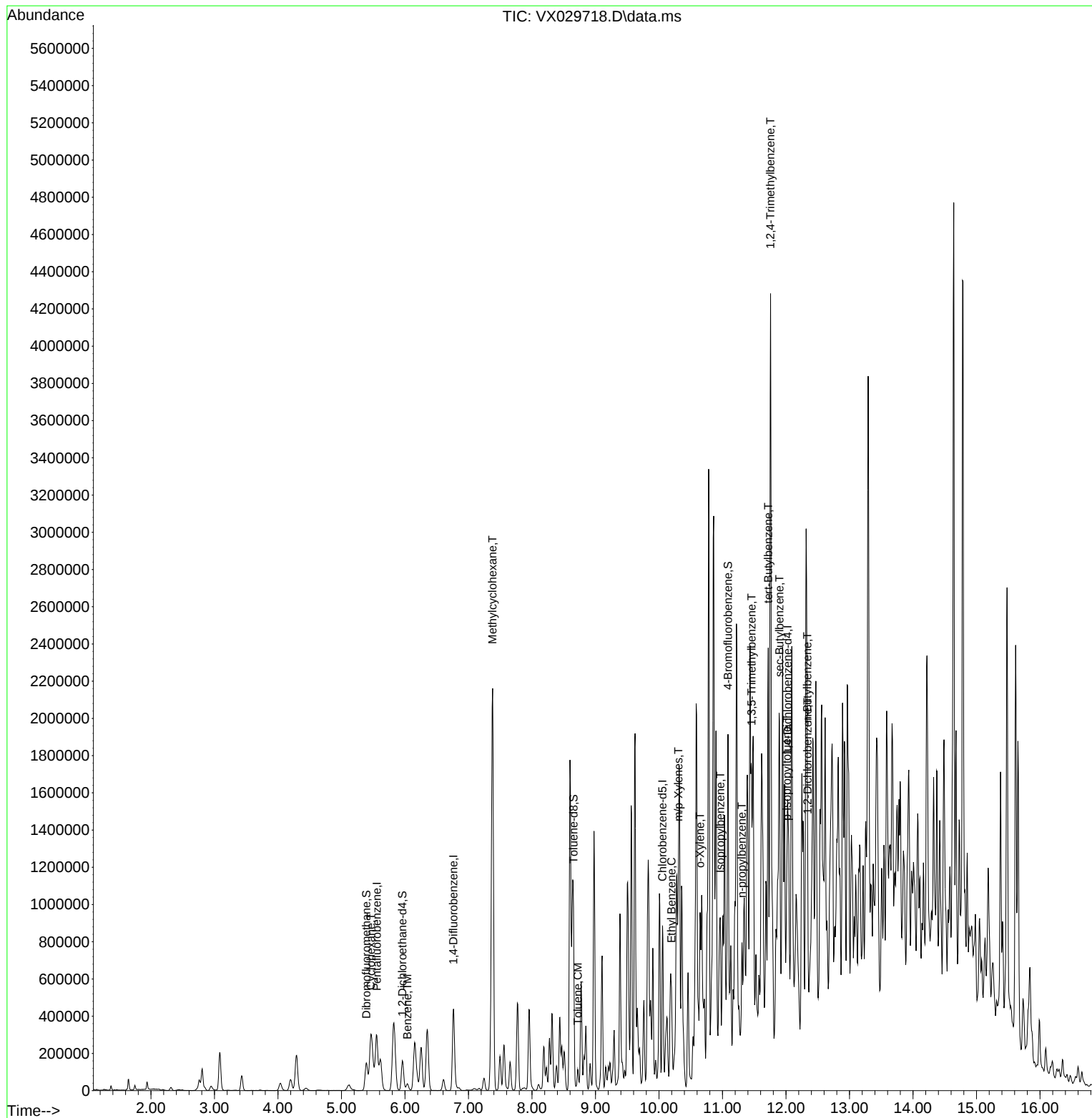
Internal Standards						
1) Pentafluorobenzene	5.556	168	295081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	487978	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	405986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155253	39.747	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	79.500%		
35) Dibromofluoromethane	5.391	113	136521	42.930	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.860%		
50) Toluene-d8	8.653	98	565038	48.637	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.280%		
62) 4-Bromofluorobenzene	11.085	95	206175	47.060	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.120%		
Target Compounds						
						Qvalue
31) Cyclohexane	5.465	56	227999	43.478	ug/l	99
39) Methylcyclohexane	7.379	83	1056748	196.928	ug/l	96
40) Benzene	6.038	78	45696	3.582	ug/l	96
52) Toluene	8.720	92	42406	5.191	ug/l	96
67) Ethyl Benzene	10.195	91	148529	10.365	ug/l	96
68) m/p-Xylenes	10.305	106	112246	20.085	ug/l	97
69) o-Xylene	10.647	106	136731	24.764	ug/l	99
73) Isopropylbenzene	10.964	105	274441	20.318	ug/l	99
78) n-propylbenzene	11.305	91	315978	20.770	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	492587	43.302	ug/l	99
83) tert-Butylbenzene	11.720	119	28132	2.536	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	1532528	135.080	ug/l	98
85) sec-Butylbenzene	11.896	105	345747	25.152	ug/l #	76
86) p-Isopropyltoluene	12.012	119	222105	19.297	ug/l	98
89) n-Butylbenzene	12.335	91	323481	33.300	ug/l #	49
91) 1,2-Dichlorobenzene	12.341	146	20775	3.599	ug/l #	65

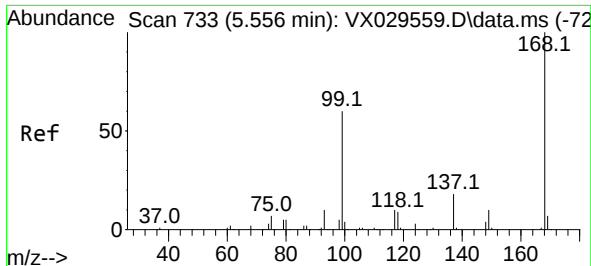
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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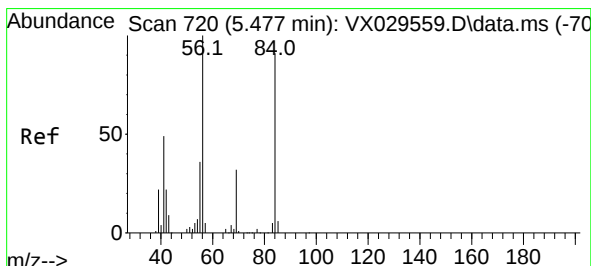
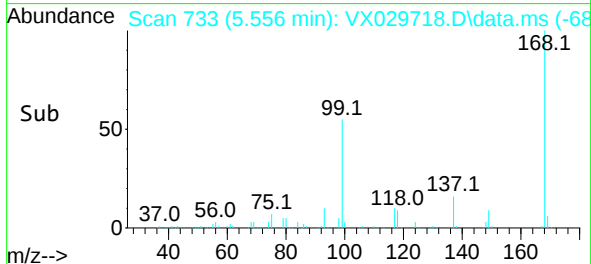
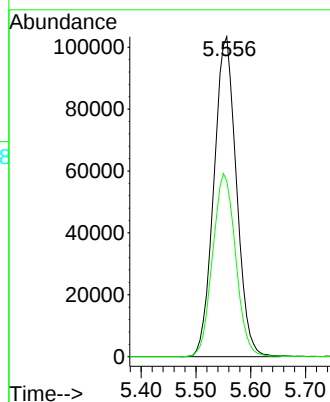
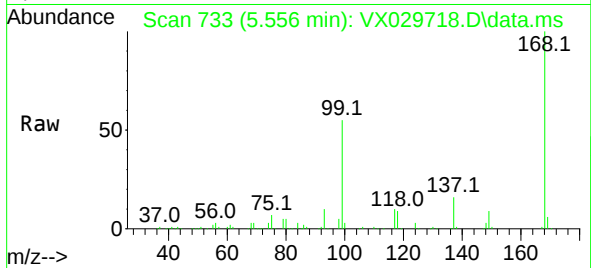




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX029718.D
Acq: 23 Jun 2022 03:48

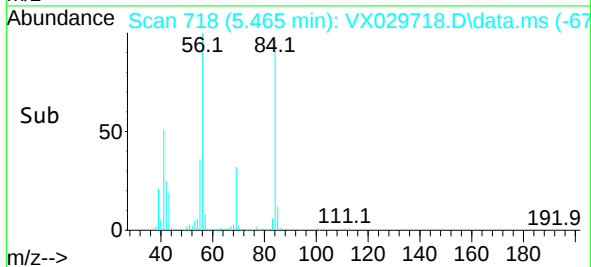
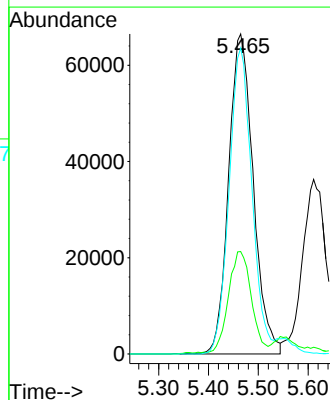
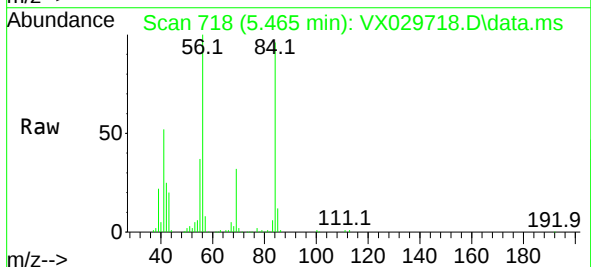
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-7

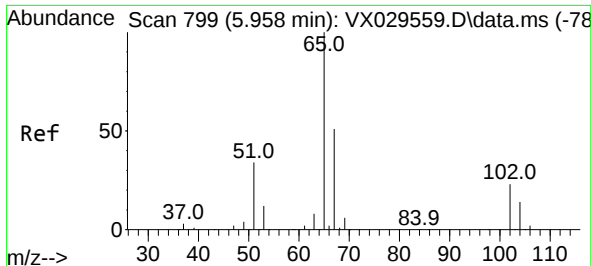
Tgt Ion:168 Resp: 295081
Ion Ratio Lower Upper
168 100
99 54.9 41.7 62.5



#31
Cyclohexane
Concen: 43.478 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX029718.D
Acq: 23 Jun 2022 03:48

Tgt Ion: 56 Resp: 227999
Ion Ratio Lower Upper
56 100
69 31.8 26.7 40.1
84 95.6 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 39.747 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029718.D

Acq: 23 Jun 2022 03:48

Instrument :

MSVOA_X

ClientSampleId :

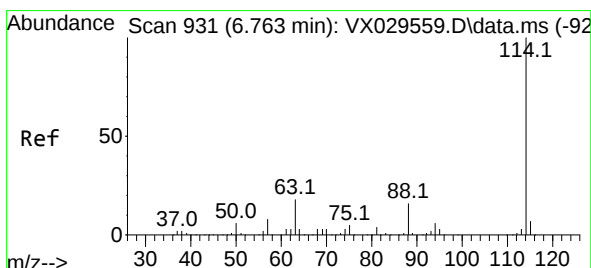
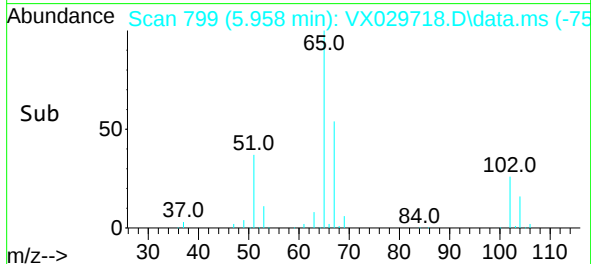
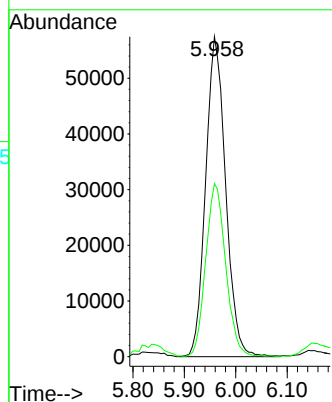
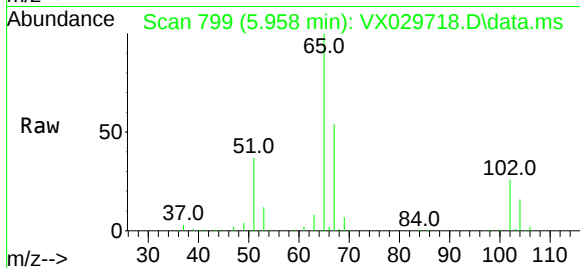
WC-14A-1A-7

Tgt Ion: 65 Resp: 155253

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: VX029718.D

Acq: 23 Jun 2022 03:48

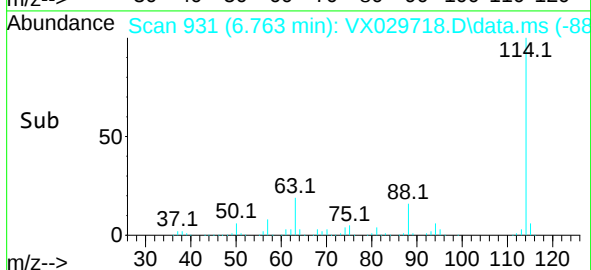
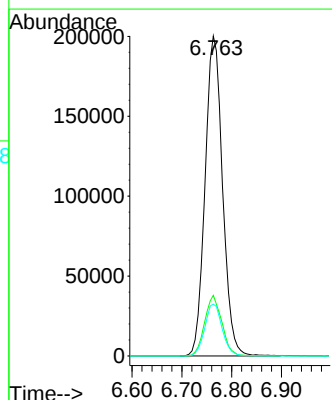
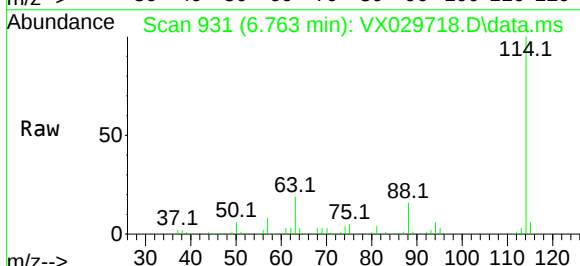
Tgt Ion: 114 Resp: 487978

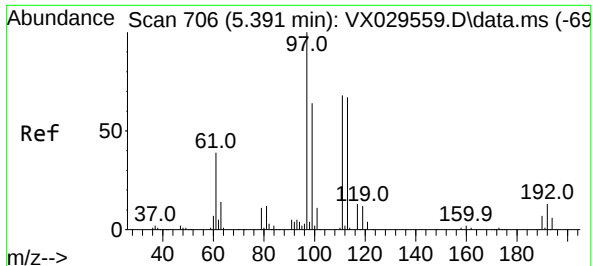
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.8

88 16.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 42.930 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029718.D

Acq: 23 Jun 2022 03:48

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-7

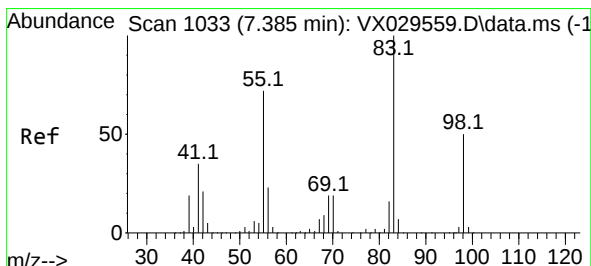
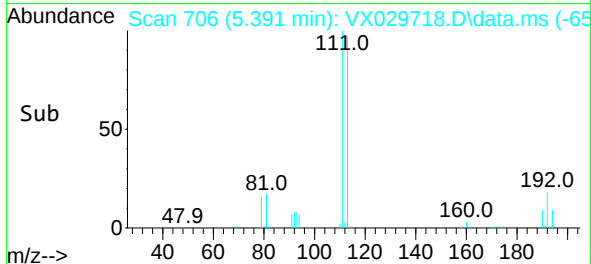
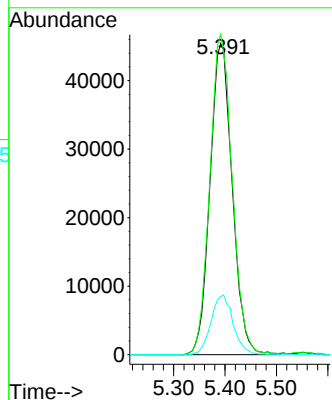
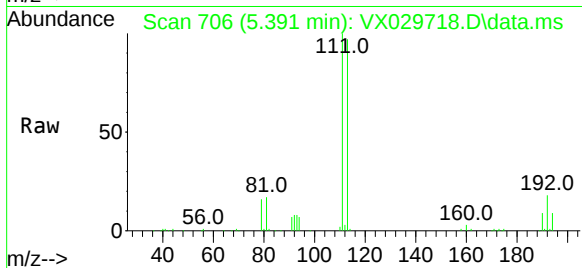
Tgt Ion:113 Resp: 136521

Ion Ratio Lower Upper

113 100

111 103.7 82.8 124.2

192 19.1 16.9 25.3



#39

Methylcyclohexane

Concen: 196.928 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX029718.D

Acq: 23 Jun 2022 03:48

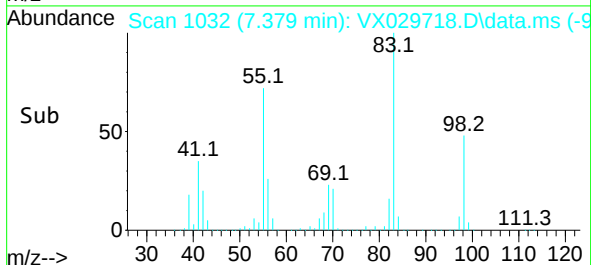
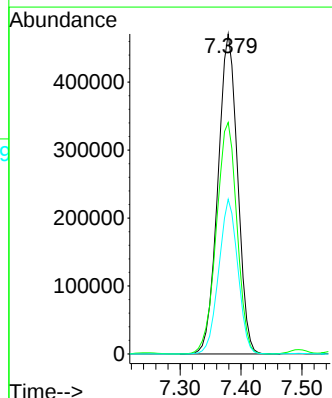
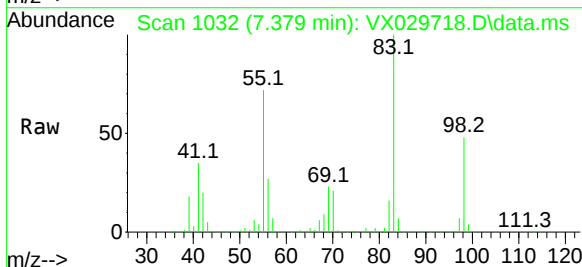
Tgt Ion: 83 Resp: 1056748

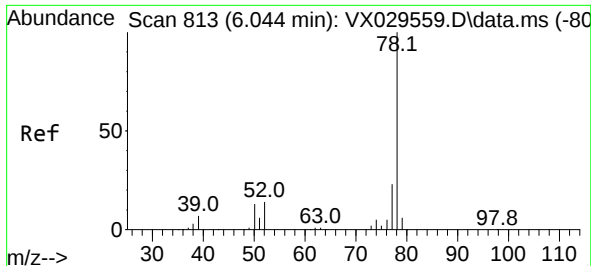
Ion Ratio Lower Upper

83 100

55 72.3 54.6 81.8

98 48.3 37.4 56.2

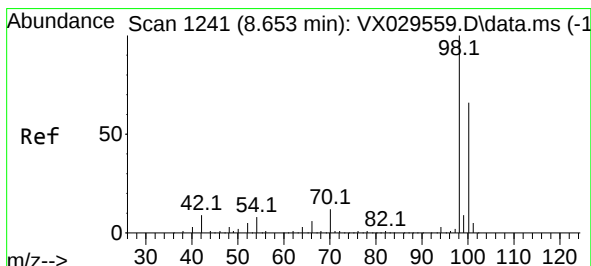
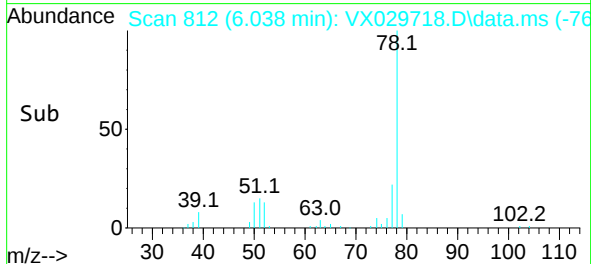
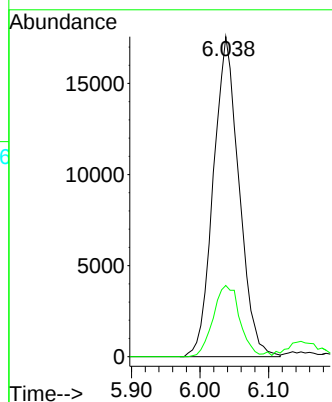
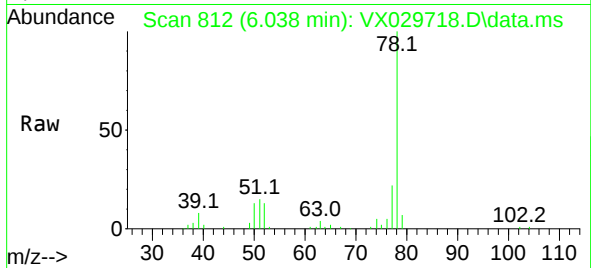




#40
Benzene
Concen: 3.582 ug/l
RT: 6.038 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX029718.D
Acq: 23 Jun 2022 03:48

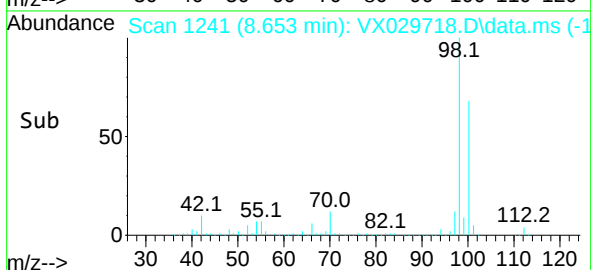
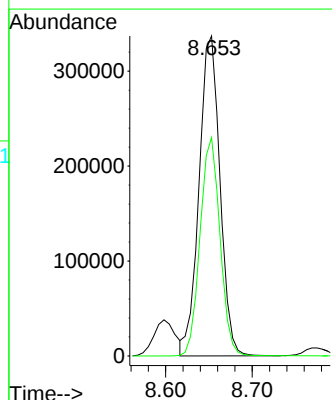
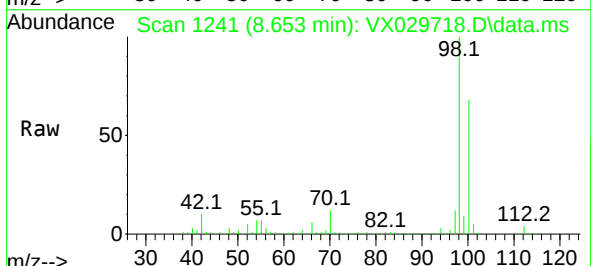
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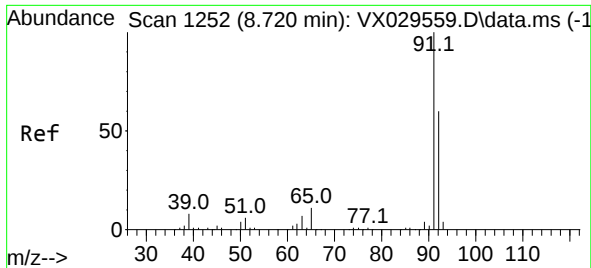
Tgt Ion: 78 Resp: 45696
Ion Ratio Lower Upper
78 100
77 22.2 19.3 28.9



#50
Toluene-d8
Concen: 48.637 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029718.D
Acq: 23 Jun 2022 03:48

Tgt Ion: 98 Resp: 565038
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

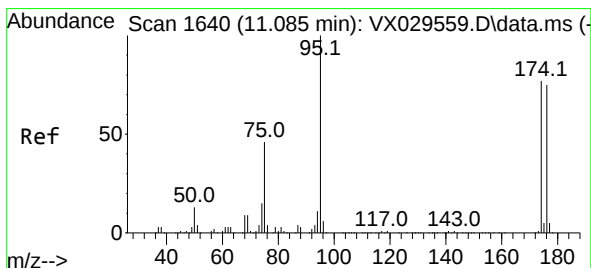
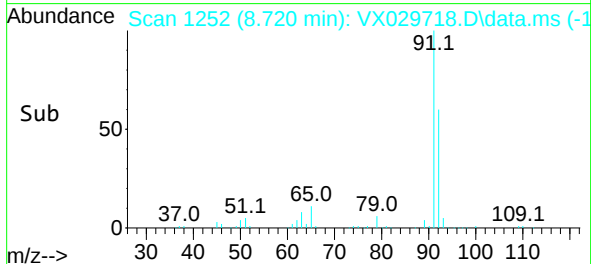
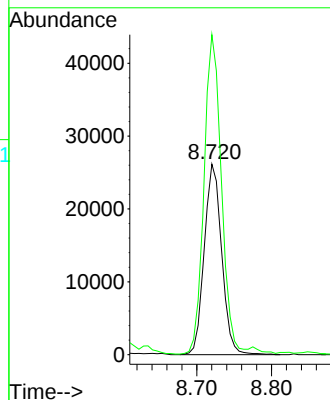
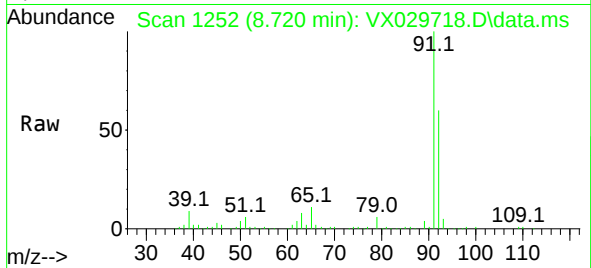




#52
Toluene
Concen: 5.191 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029718.D
Acq: 23 Jun 2022 03:48

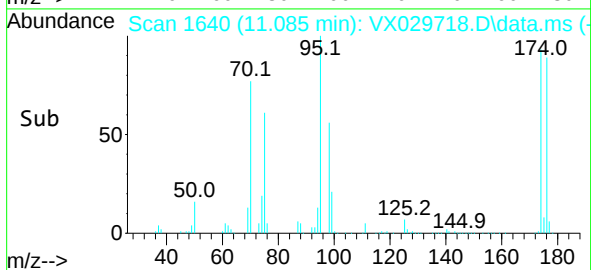
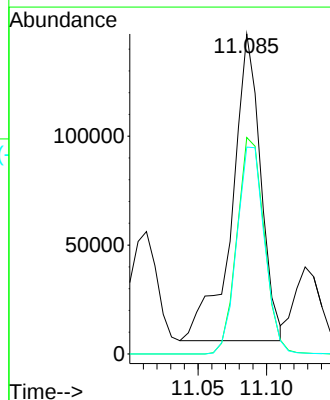
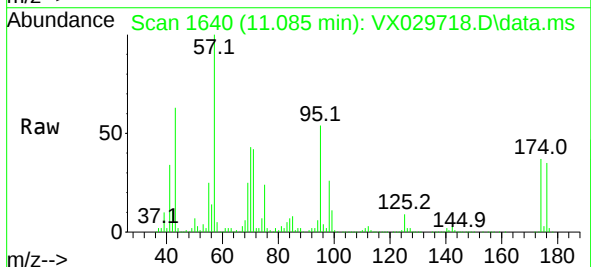
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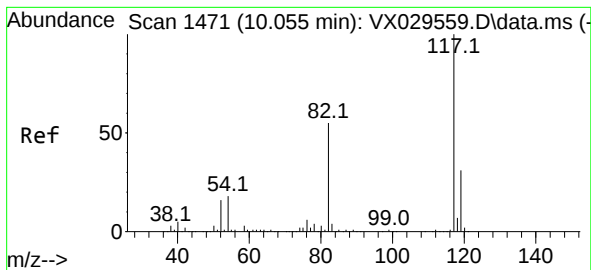
Tgt Ion: 92 Resp: 42406
Ion Ratio Lower Upper
92 100
91 166.9 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 47.060 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029718.D
Acq: 23 Jun 2022 03:48

Tgt Ion: 95 Resp: 206175
Ion Ratio Lower Upper
95 100
174 66.8 0.0 163.0
176 65.1 0.0 155.0

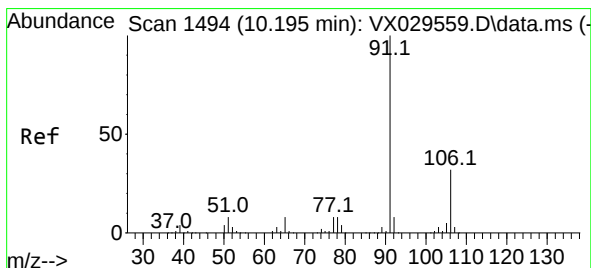
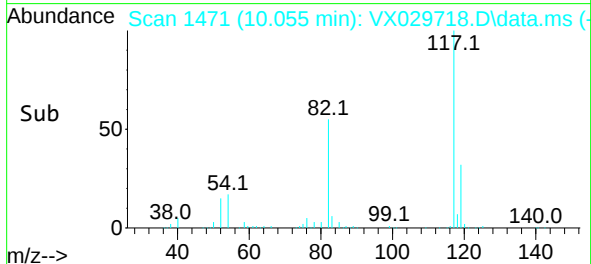
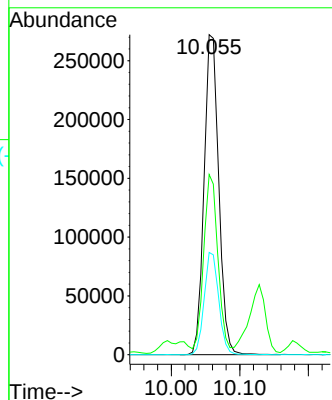
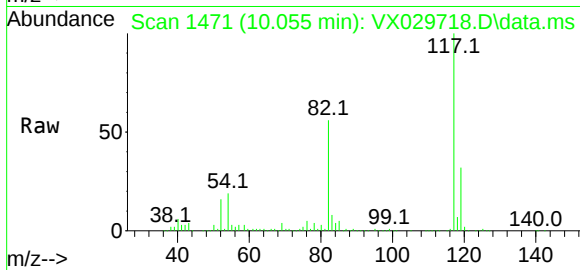




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029718.D
Acq: 23 Jun 2022 03:48

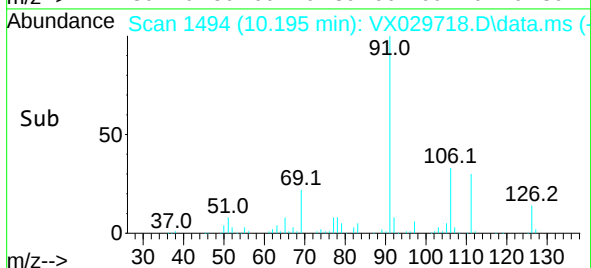
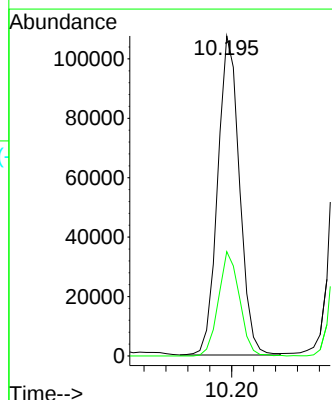
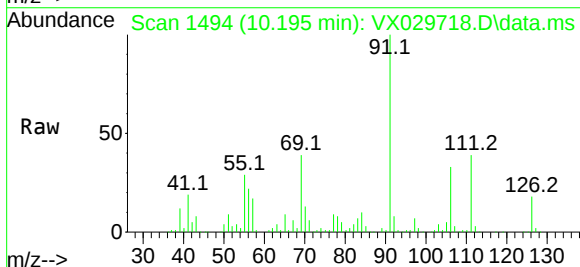
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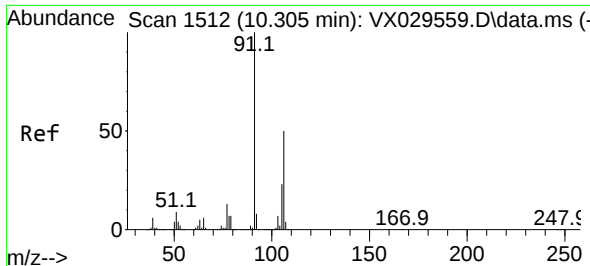
Tgt Ion:117 Resp: 405986
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 31.9 24.8 37.2



#67
Ethyl Benzene
Concen: 10.365 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029718.D
Acq: 23 Jun 2022 03:48

Tgt Ion: 91 Resp: 148529
Ion Ratio Lower Upper
91 100
106 32.7 24.6 36.8

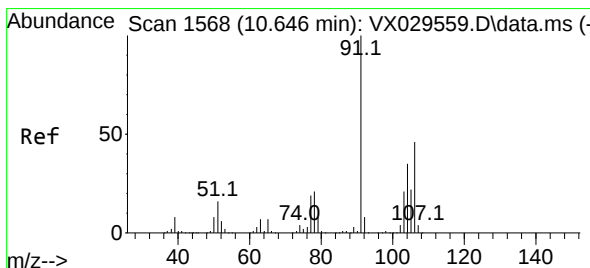
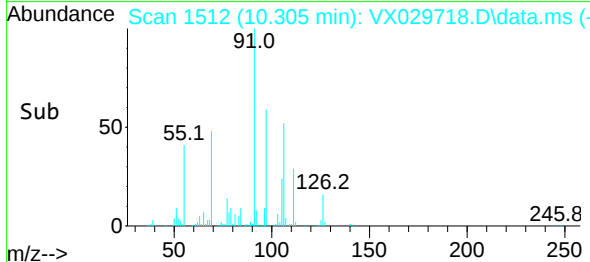
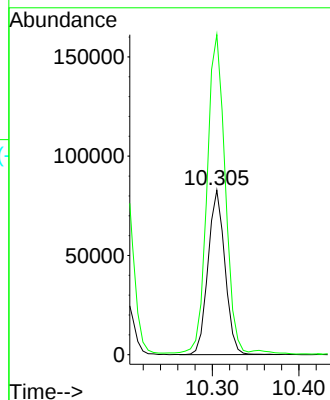
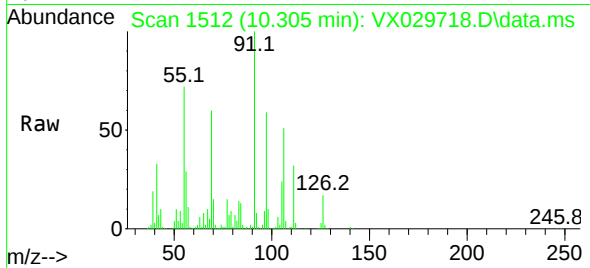




#68
m/p-Xylenes
Concen: 20.085 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029718.D
Acq: 23 Jun 2022 03:48

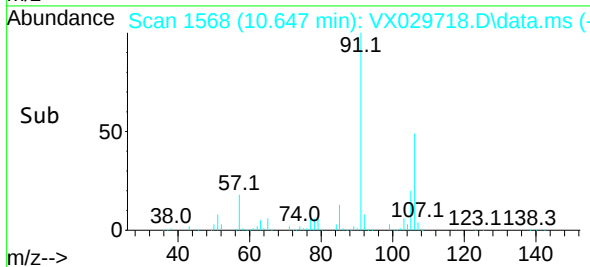
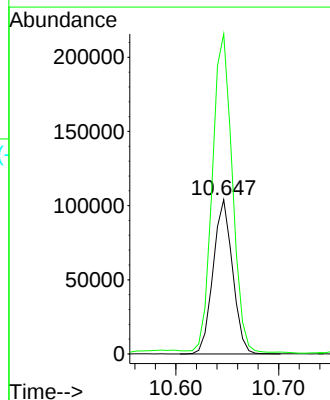
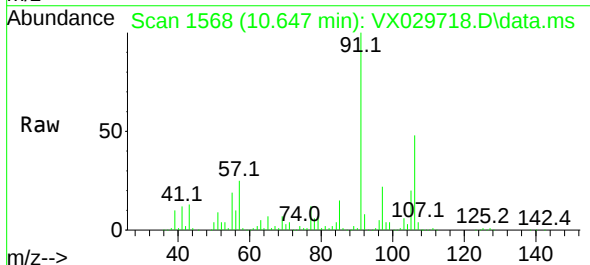
Instrument :
MSVOA_X
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WC-14A-1A-7

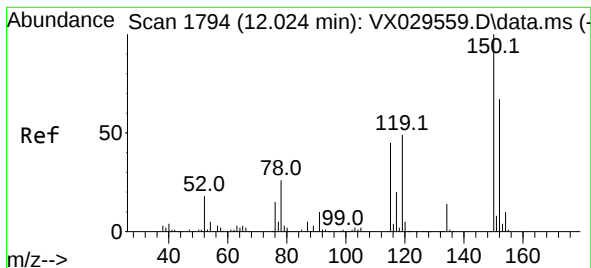
Tgt Ion:106 Resp: 112246
Ion Ratio Lower Upper
106 100
91 205.2 160.4 240.6



#69
o-Xylene
Concen: 24.764 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX029718.D
Acq: 23 Jun 2022 03:48

Tgt Ion:106 Resp: 136731
Ion Ratio Lower Upper
106 100
91 213.8 106.1 318.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029718.D

Acq: 23 Jun 2022 03:48

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-7

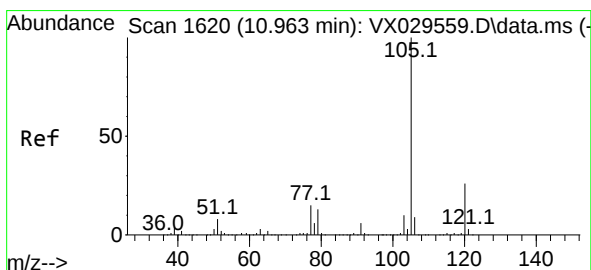
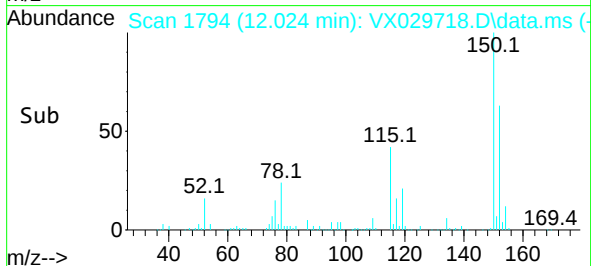
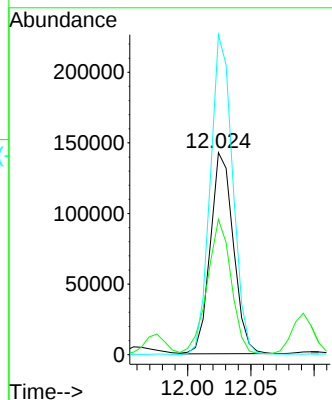
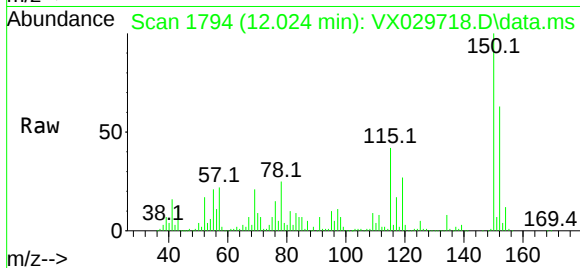
Tgt Ion:152 Resp: 180151

Ion Ratio Lower Upper

152 100

115 69.6 37.5 112.7

150 155.2 0.0 338.2



#73

Isopropylbenzene

Concen: 20.318 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX029718.D

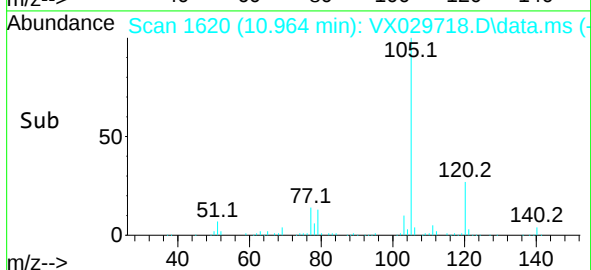
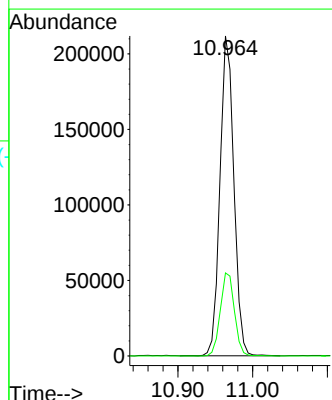
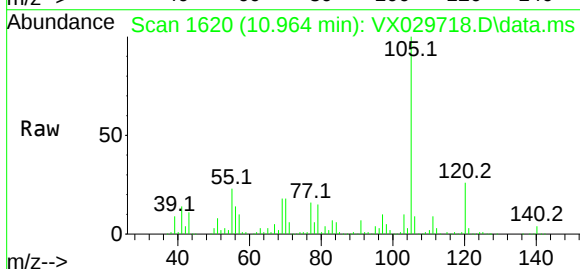
Acq: 23 Jun 2022 03:48

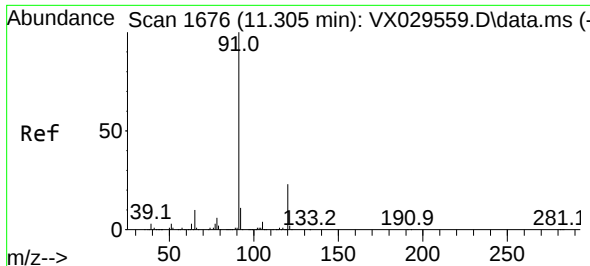
Tgt Ion:105 Resp: 274441

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.5

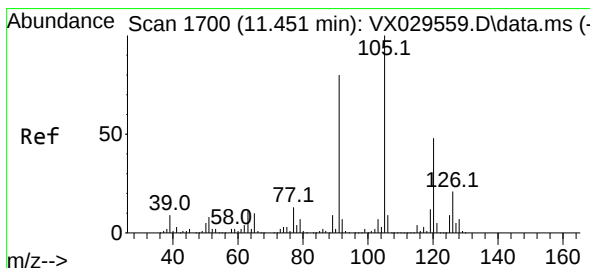
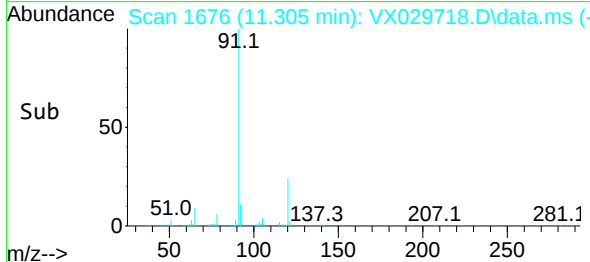
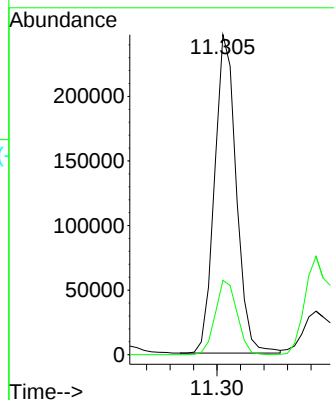
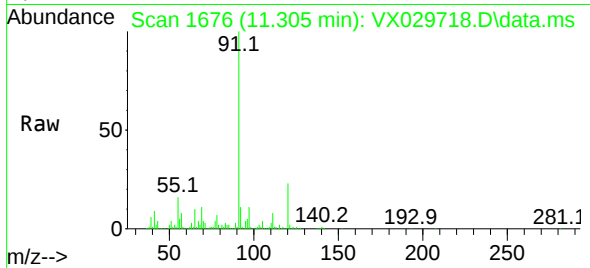




#78
n-propylbenzene
Concen: 20.770 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX029718.D
Acq: 23 Jun 2022 03:48

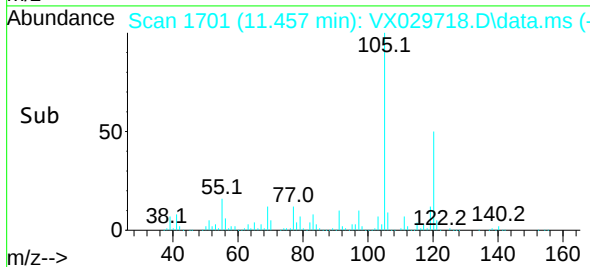
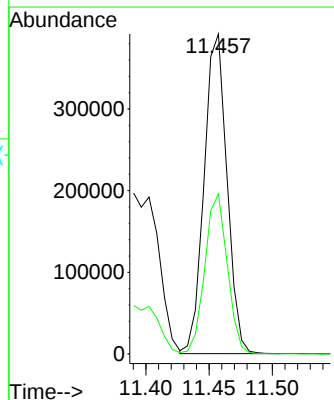
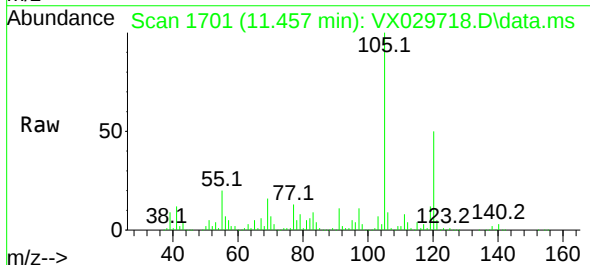
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-7

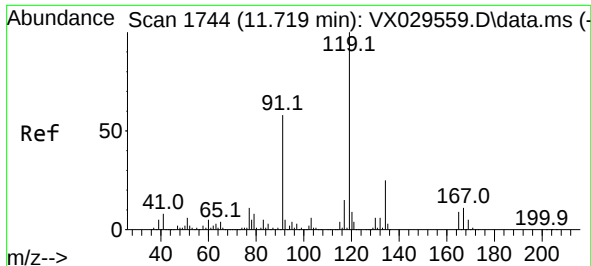
Tgt Ion: 91 Resp: 315978
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 43.302 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX029718.D
Acq: 23 Jun 2022 03:48

Tgt Ion: 105 Resp: 492587
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.9

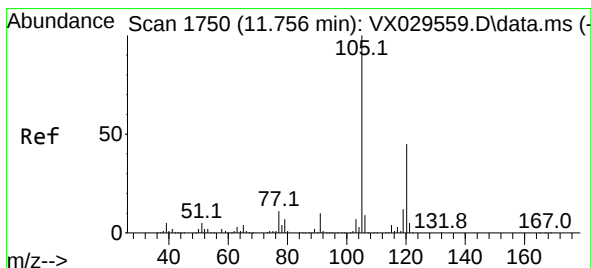
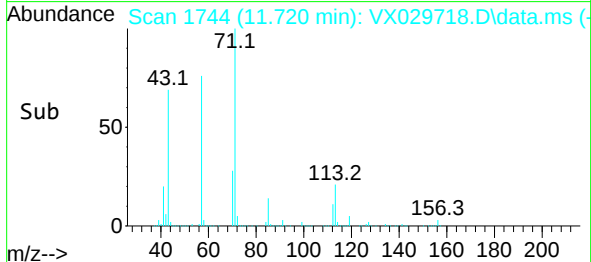
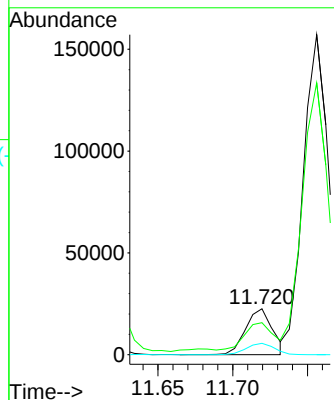
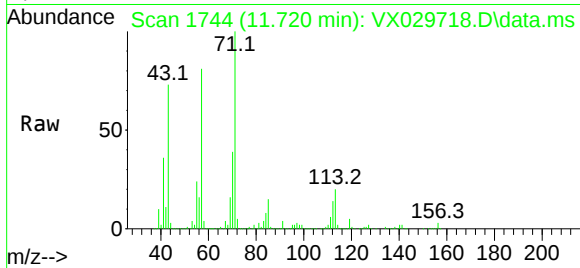




#83
 tert-Butylbenzene
 Concen: 2.536 ug/l
 RT: 11.720 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VX029718.D
 Acq: 23 Jun 2022 03:48

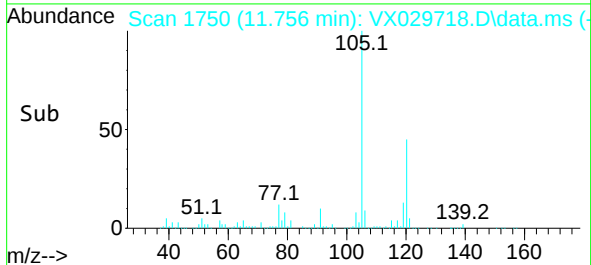
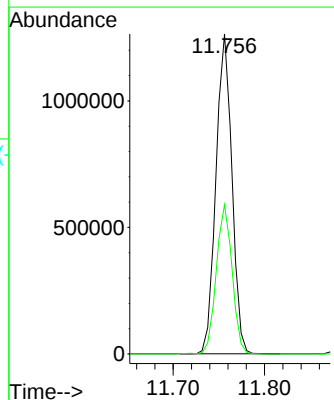
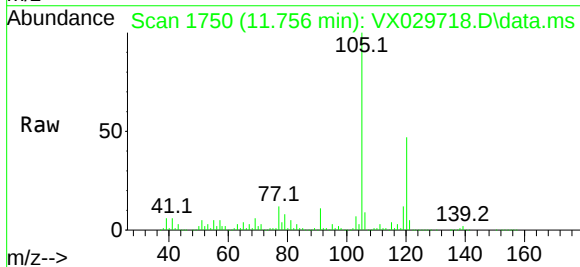
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-1A-7

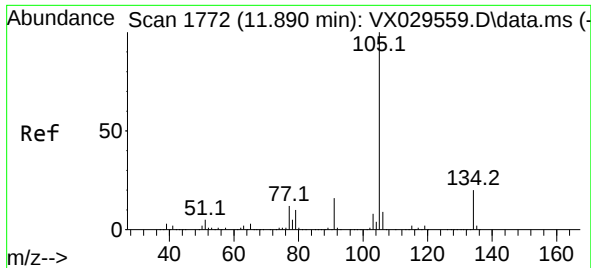
Tgt Ion:119 Resp: 28132
 Ion Ratio Lower Upper
 119 100
 91 62.5 26.9 80.6
 134 25.9 11.4 34.2



#84
 1,2,4-Trimethylbenzene
 Concen: 135.080 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX029718.D
 Acq: 23 Jun 2022 03:48

Tgt Ion:105 Resp: 1532528
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.6 67.8

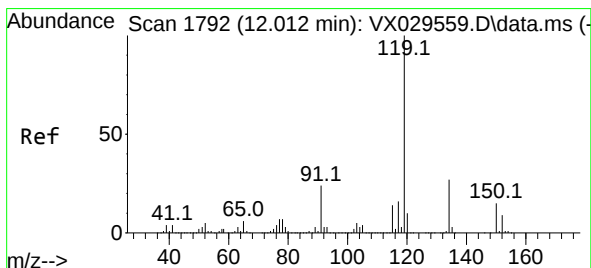
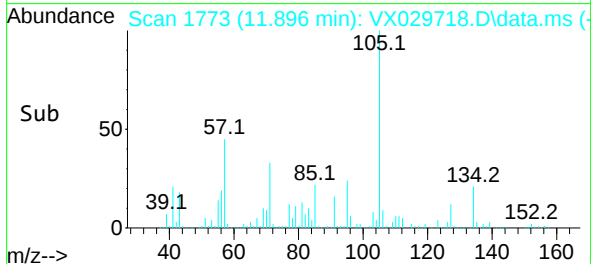
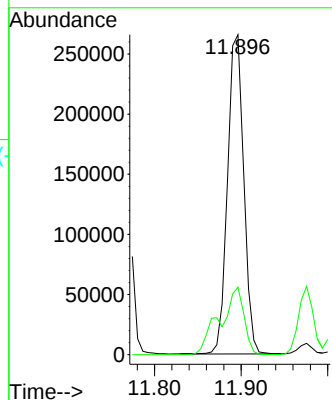
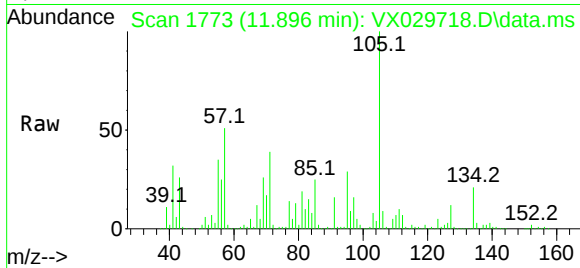




#85
 sec-Butylbenzene
 Concen: 25.152 ug/l
 RT: 11.896 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX029718.D
 Acq: 23 Jun 2022 03:48

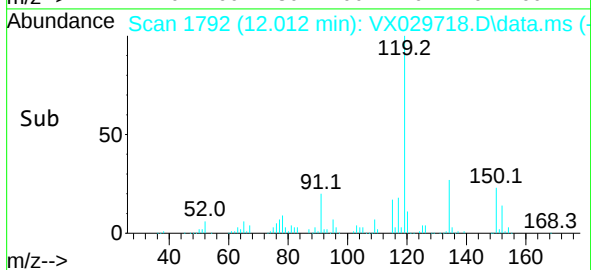
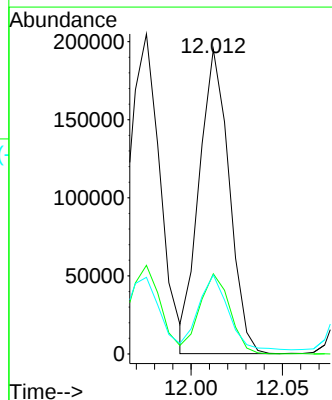
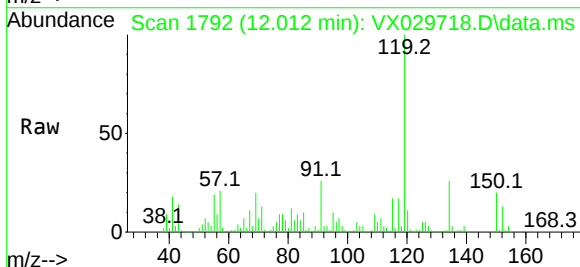
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-1A-7

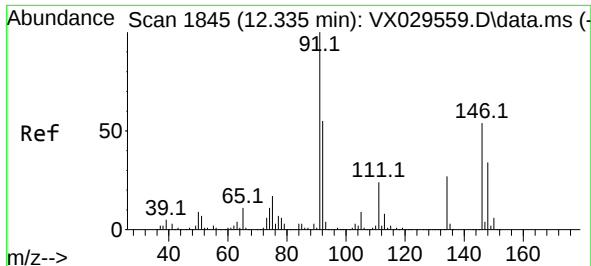
Tgt Ion:105 Resp: 345747
 Ion Ratio Lower Upper
 105 100
 134 31.6 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 19.297 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX029718.D
 Acq: 23 Jun 2022 03:48

Tgt Ion:119 Resp: 222105
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.0 39.0
 91 24.0 11.3 33.9





#89

n-Butylbenzene

Concen: 33.300 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX029718.D

Acq: 23 Jun 2022 03:48

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-7

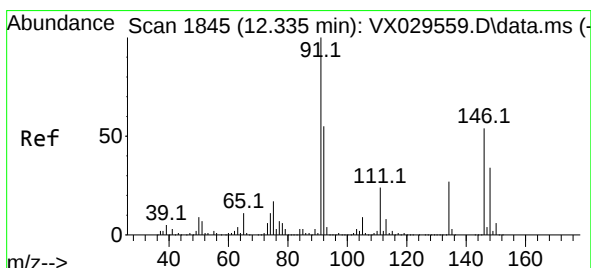
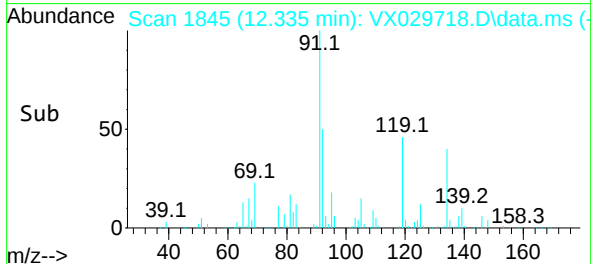
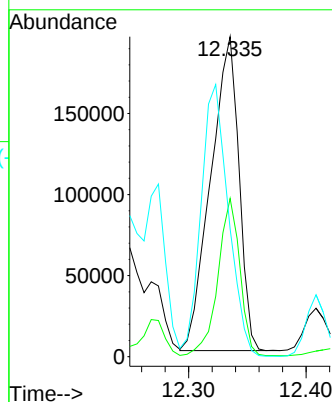
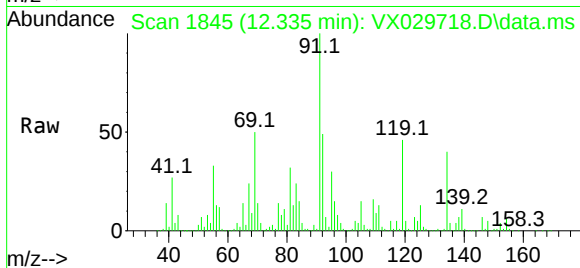
Tgt Ion: 91 Resp: 323481

Ion Ratio Lower Upper

91 100

92 38.9 27.8 83.3

134 83.7 13.3 39.8#



#91

1,2-Dichlorobenzene

Concen: 3.599 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX029718.D

Acq: 23 Jun 2022 03:48

Tgt Ion:146 Resp: 20775

Ion Ratio Lower Upper

146 100

111 96.2 21.0 63.0#

148 66.7 32.6 97.7

