

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
 Data File : VX032266.D
 Acq On : 20 Oct 2022 16:27
 Operator : JC/MD
 Sample : N5187-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BUR-1226

Quant Time: Oct 21 01:26:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

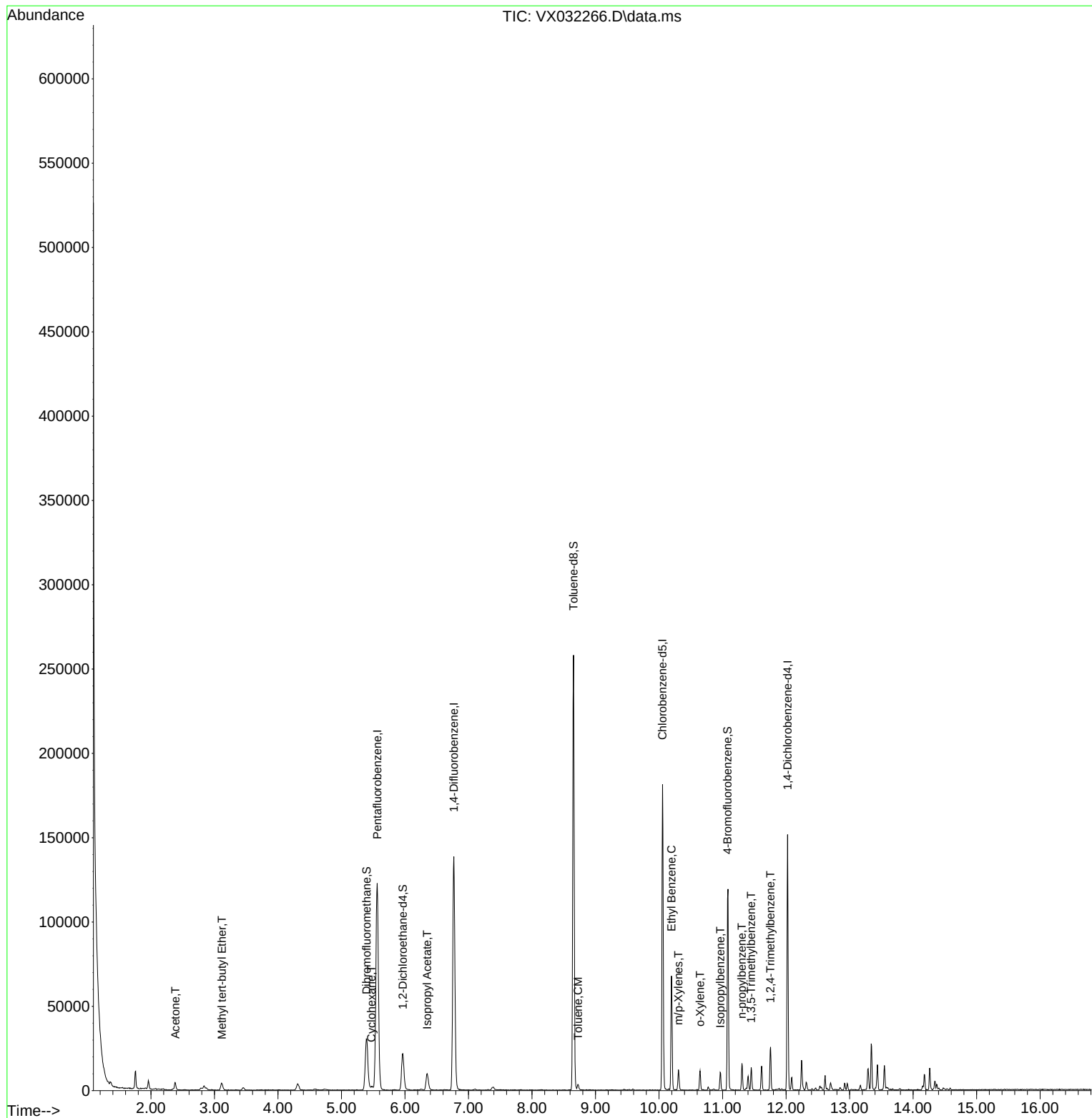
Internal Standards						
1) Pentafluorobenzene	5.562	168	114396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	138704	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	78466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	29522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	22664	15.229	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	30.460%#		
35) Dibromofluoromethane	5.397	113	26790	27.756	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	55.520%#		
50) Toluene-d8	8.653	98	153489	44.177	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.360%#		
62) 4-Bromofluorobenzene	11.079	95	31247	24.560	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	49.120%#		
Target Compounds						Qvalue
16) Acetone	2.386	43	5176	10.718	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	2414	0.686	ug/l #	1
31) Cyclohexane	5.470	56	1356	0.797	ug/l #	85
43) Isopropyl Acetate	6.348	43	13591	7.123	ug/l	98
52) Toluene	8.726	92	1343	0.576	ug/l	94
67) Ethyl Benzene	10.195	91	38417	13.488	ug/l	96
68) m/p-Xylenes	10.305	106	2804	2.493	ug/l	93
69) o-Xylene	10.646	106	2362	2.192	ug/l	95
73) Isopropylbenzene	10.963	105	5651	2.683	ug/l	100
78) n-propylbenzene	11.305	91	10170	4.216	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	5789	3.182	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	11672	6.598	ug/l	99

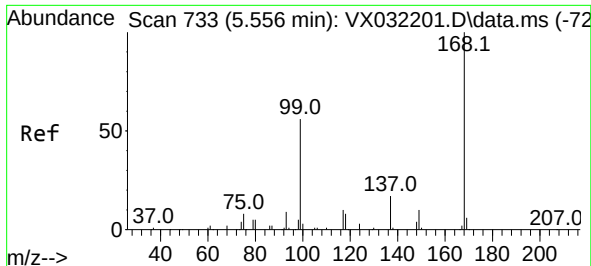
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 21 01:26:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
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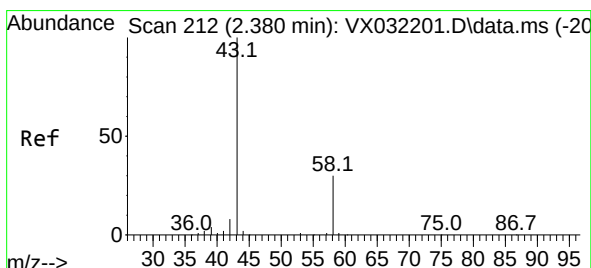
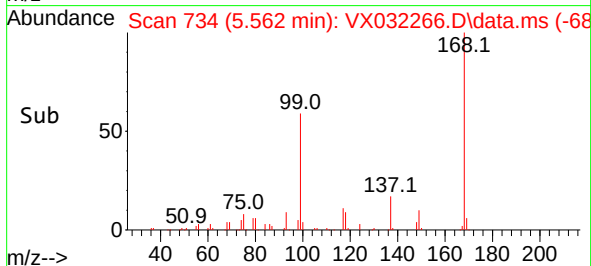
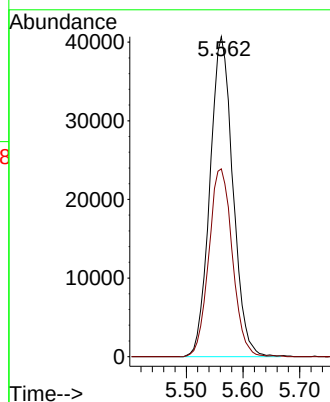
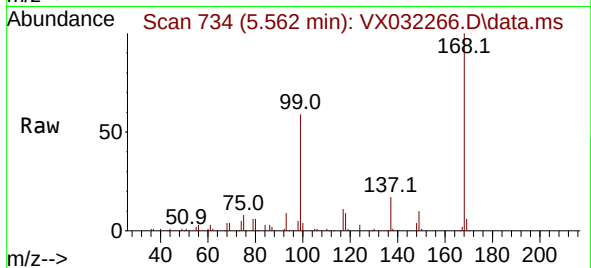




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX032266.D
Acq: 20 Oct 2022 16:27

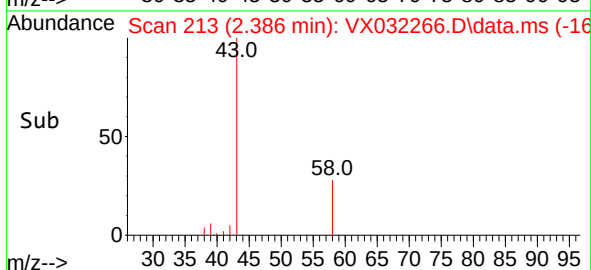
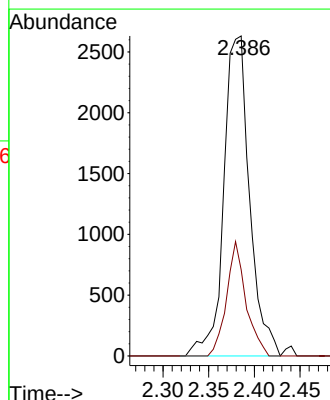
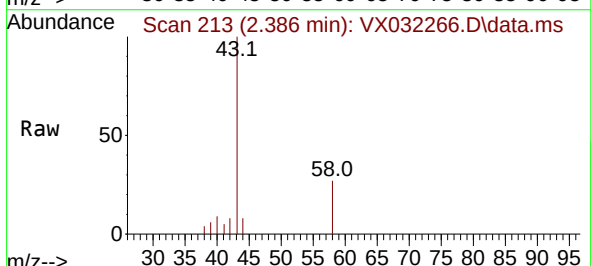
Instrument :
MSVOA_X
ClientSampleId :
BUR-1226

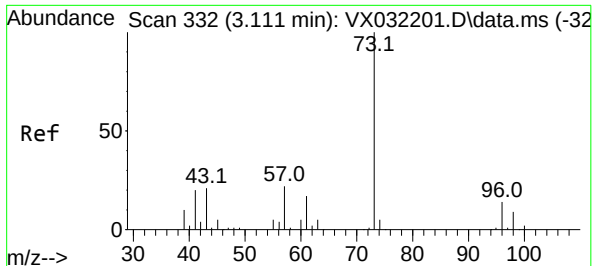
Tgt Ion:168 Resp: 114396
Ion Ratio Lower Upper
168 100
99 58.7 44.8 67.2



#16
Acetone
Concen: 10.718 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032266.D
Acq: 20 Oct 2022 16:27

Tgt Ion: 43 Resp: 5176
Ion Ratio Lower Upper
43 100
58 26.9 24.2 36.2





#19

Methyl tert-butyl Ether

Concen: 0.686 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX032266.D

Acq: 20 Oct 2022 16:27

Instrument :

MSVOA_X

ClientSampleId :

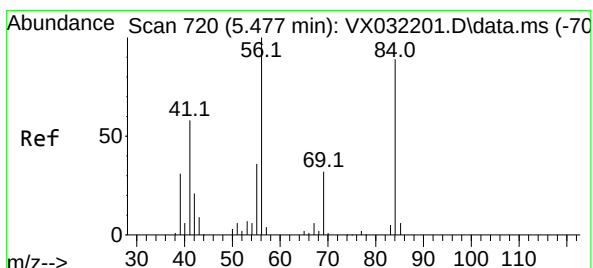
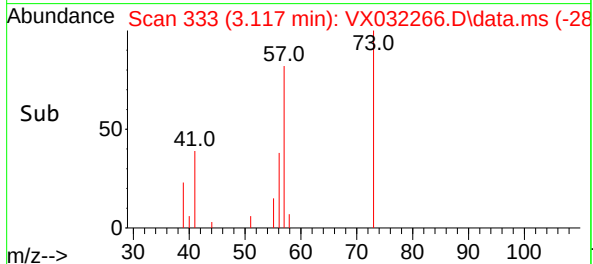
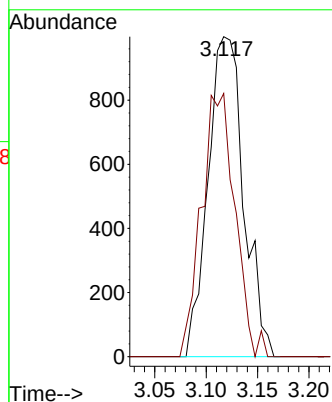
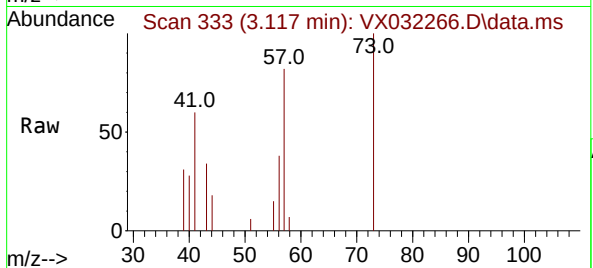
BUR-1226

Tgt Ion: 73 Resp: 2414

Ion Ratio Lower Upper

73 100

57 82.3 17.4 26.2#



#31

Cyclohexane

Concen: 0.797 ug/l

RT: 5.470 min Scan# 719

Delta R.T. -0.007 min

Lab File: VX032266.D

Acq: 20 Oct 2022 16:27

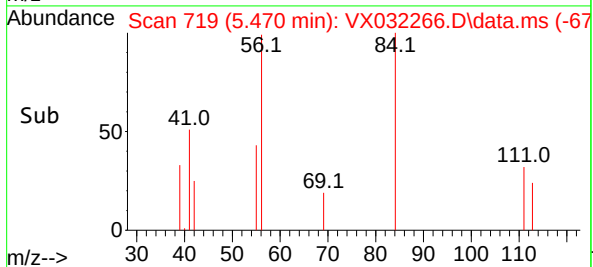
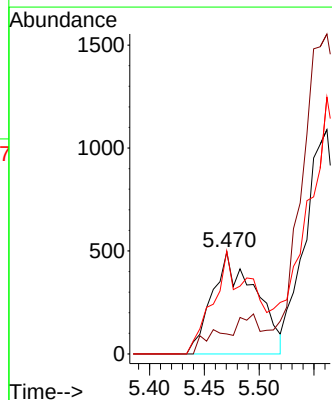
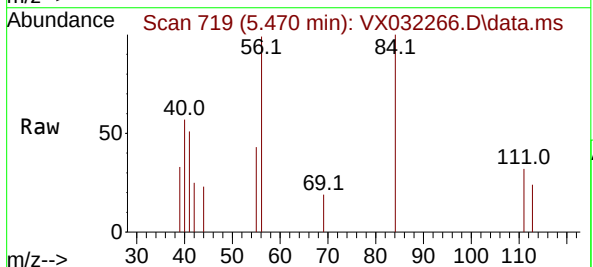
Tgt Ion: 56 Resp: 1356

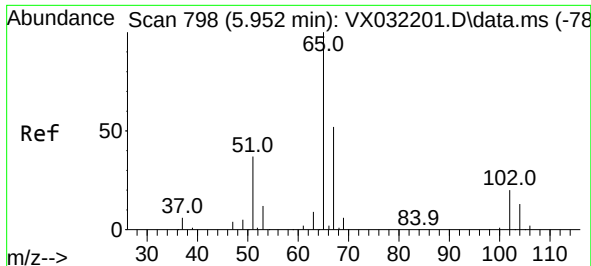
Ion Ratio Lower Upper

56 100

69 19.6 25.4 38.0#

84 101.0 71.2 106.8





#33

1,2-Dichloroethane-d4

Concen: 15.229 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.012 min

Lab File: VX032266.D

Acq: 20 Oct 2022 16:27

Instrument :

MSVOA_X

ClientSampleId :

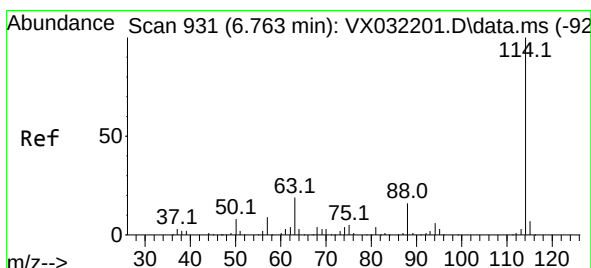
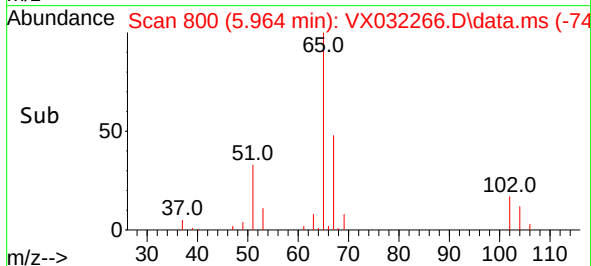
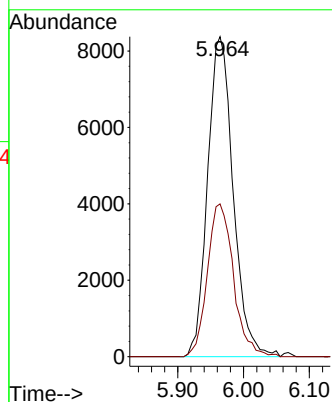
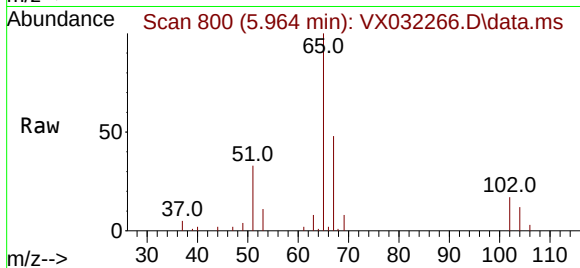
BUR-1226

Tgt Ion: 65 Resp: 22664

Ion Ratio Lower Upper

65 100

67 48.8 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX032266.D

Acq: 20 Oct 2022 16:27

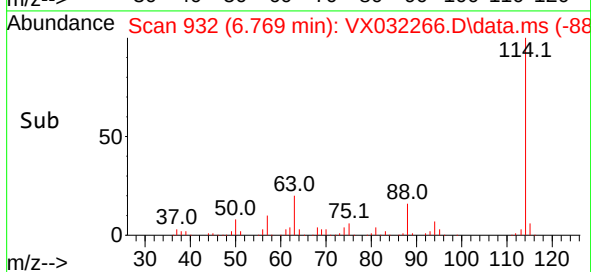
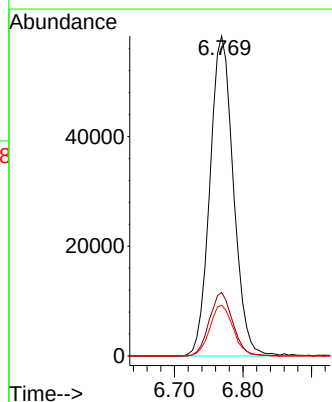
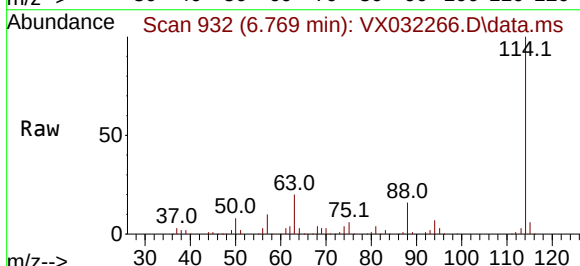
Tgt Ion: 114 Resp: 138704

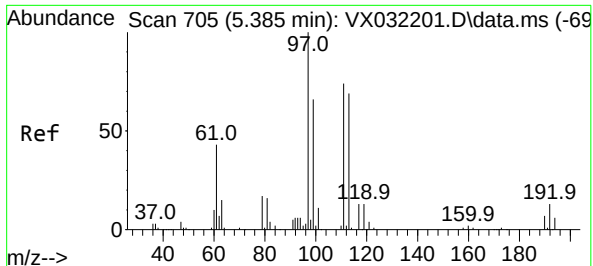
Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.6

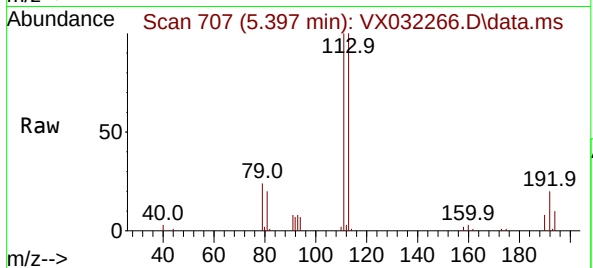
88 15.9 0.0 32.6



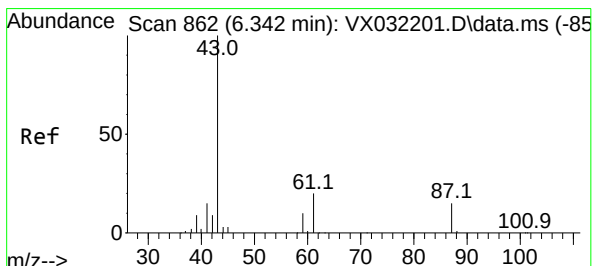
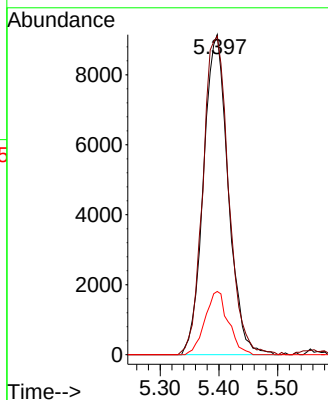
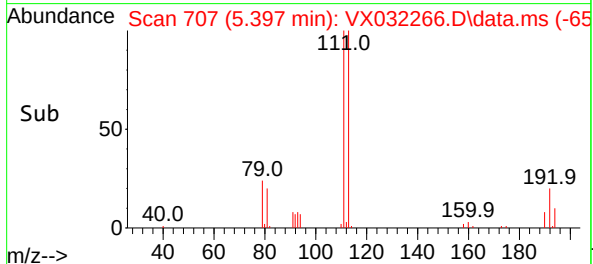


#35
Dibromofluoromethane
Concen: 27.756 ug/l
RT: 5.397 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX032266.D
Acq: 20 Oct 2022 16:27

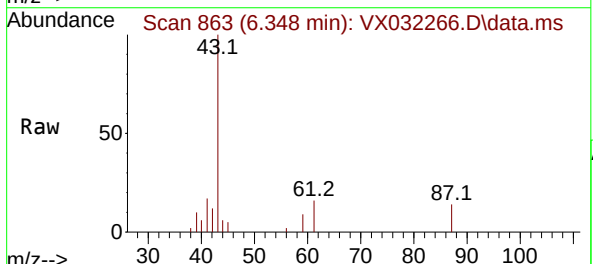
Instrument :
MSVOA_X
ClientSampleId :
BUR-1226



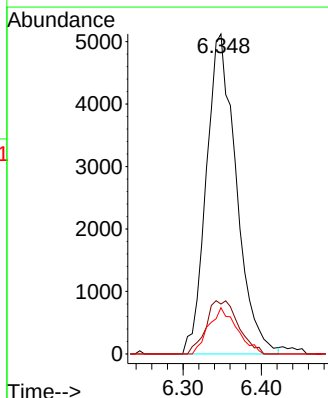
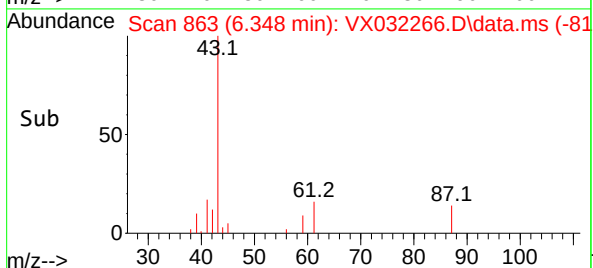
Tgt Ion:113 Resp: 26790
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 18.6 15.5 23.3

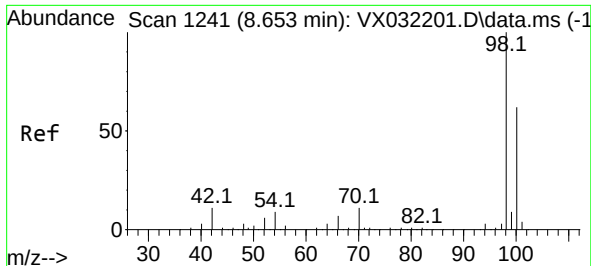


#43
Isopropyl Acetate
Concen: 7.123 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX032266.D
Acq: 20 Oct 2022 16:27



Tgt Ion: 43 Resp: 13591
Ion Ratio Lower Upper
43 100
61 18.0 15.5 23.3
87 13.6 11.0 16.6

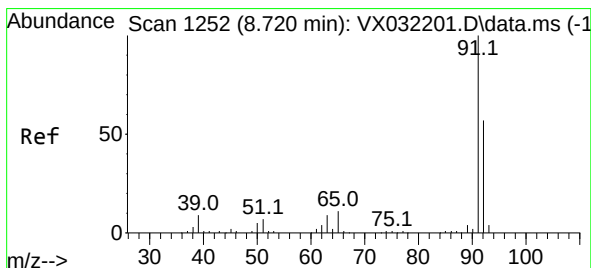
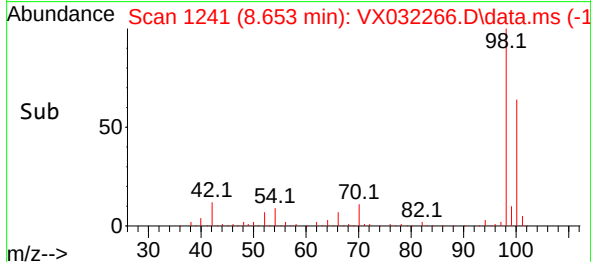
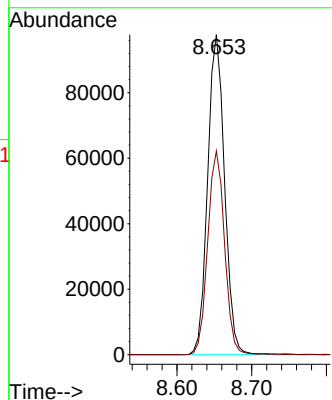
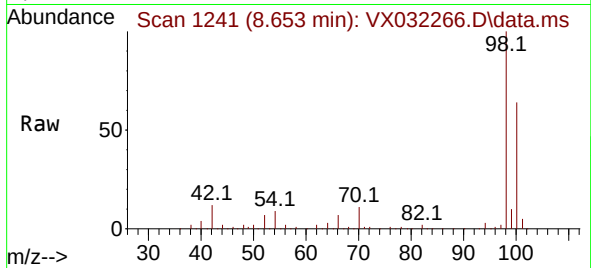




#50
Toluene-d8
Concen: 44.177 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032266.D
Acq: 20 Oct 2022 16:27

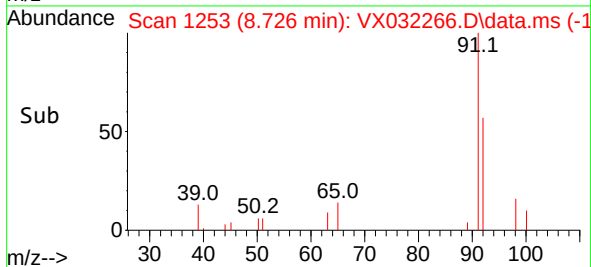
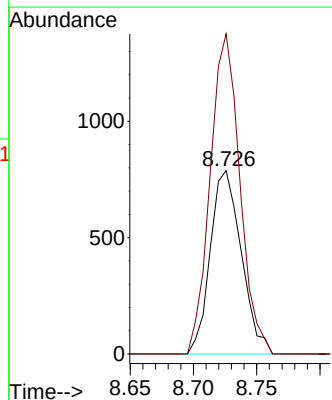
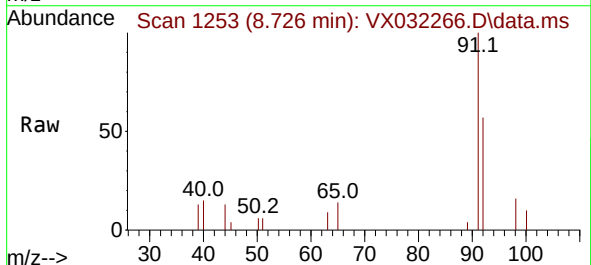
Instrument :
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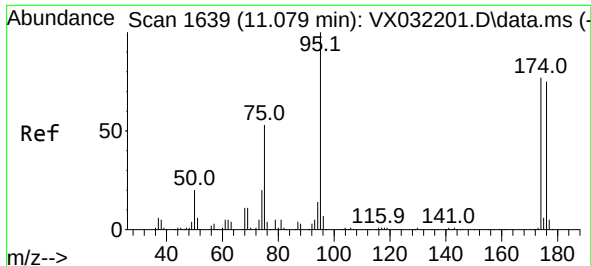
Tgt Ion: 98 Resp: 153489
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1



#52
Toluene
Concen: 0.576 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX032266.D
Acq: 20 Oct 2022 16:27

Tgt Ion: 92 Resp: 1343
Ion Ratio Lower Upper
92 100
91 167.1 140.3 210.5





#62

4-Bromofluorobenzene

Concen: 24.560 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032266.D

Acq: 20 Oct 2022 16:27

Instrument :

MSVOA_X

ClientSampleId :

BUR-1226

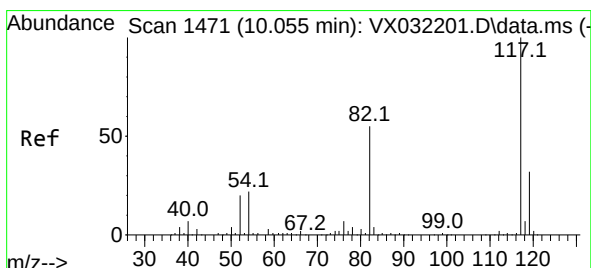
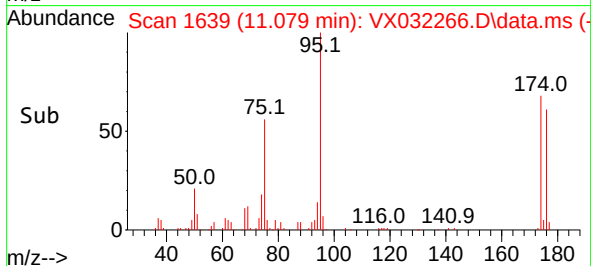
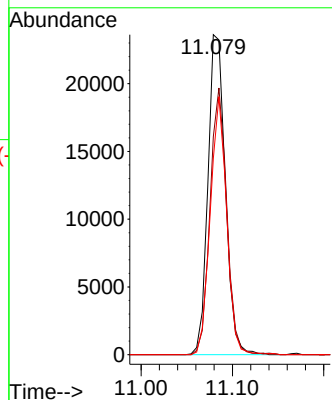
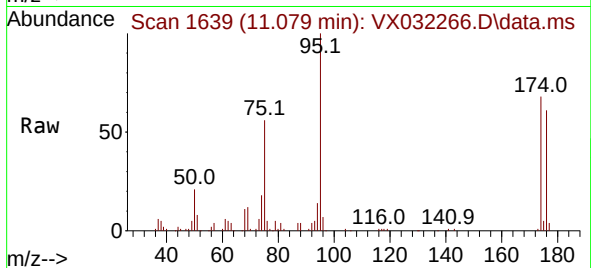
Tgt Ion: 95 Resp: 31247

Ion Ratio Lower Upper

95 100

174 80.2 0.0 166.8

176 75.8 0.0 161.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032266.D

Acq: 20 Oct 2022 16:27

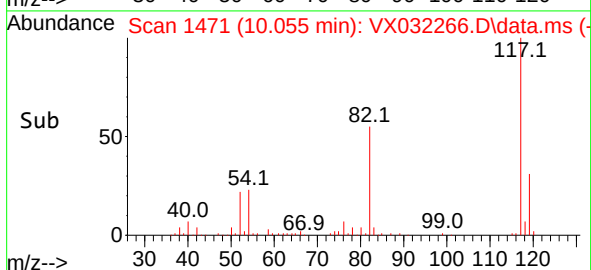
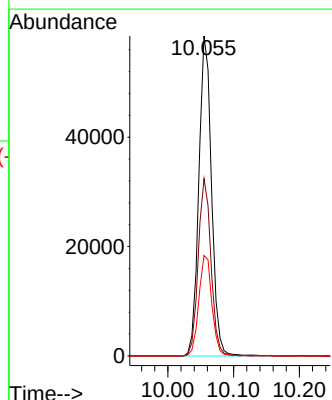
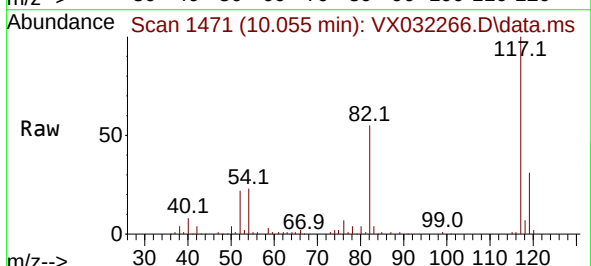
Tgt Ion: 117 Resp: 78466

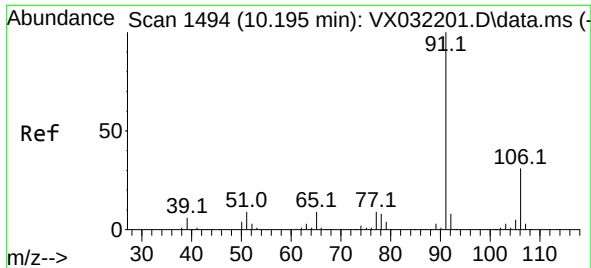
Ion Ratio Lower Upper

117 100

82 55.4 44.2 66.4

119 31.4 25.8 38.8

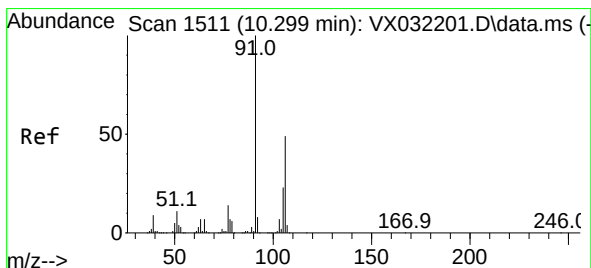
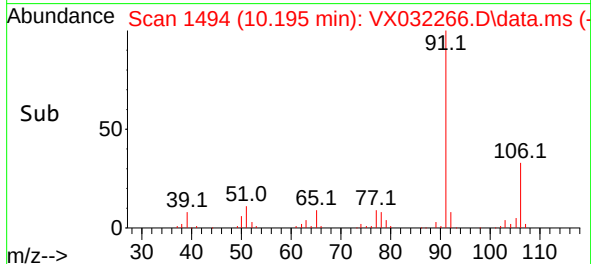
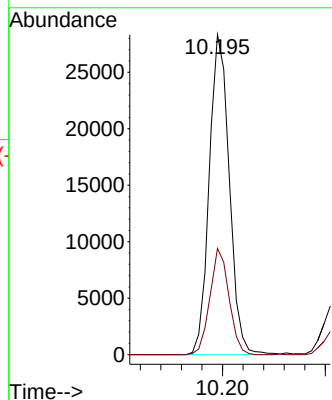
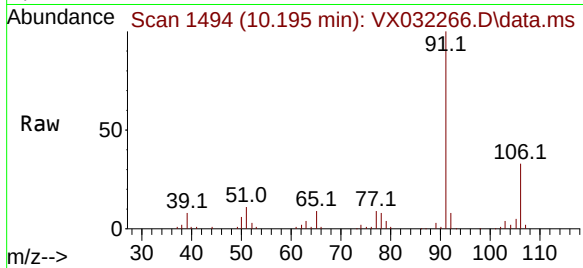




#67
Ethyl Benzene
Concen: 13.488 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032266.D
Acq: 20 Oct 2022 16:27

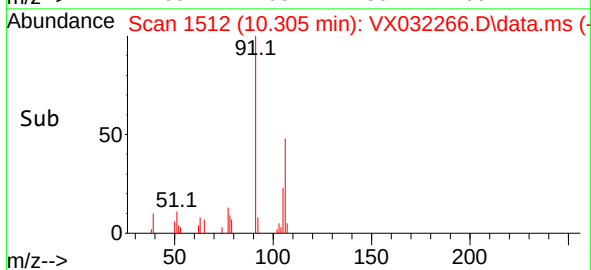
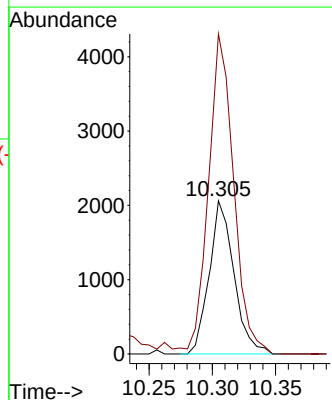
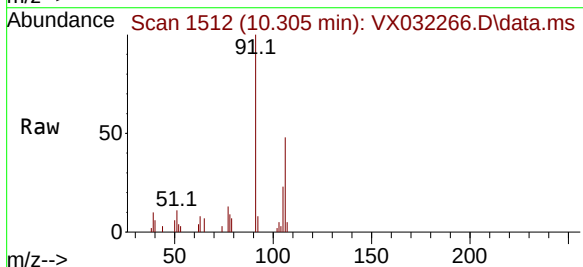
Instrument :
MSVOA_X
ClientSampleId :
BUR-1226

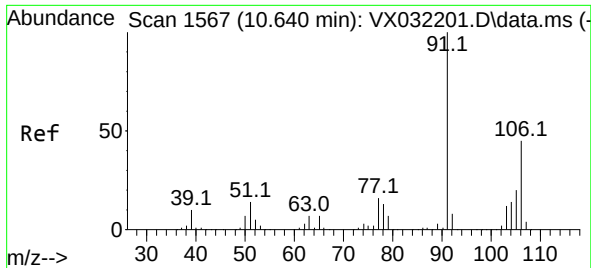
Tgt Ion: 91 Resp: 38417
Ion Ratio Lower Upper
91 100
106 33.2 25.0 37.4



#68
m/p-Xylenes
Concen: 2.493 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX032266.D
Acq: 20 Oct 2022 16:27

Tgt Ion: 106 Resp: 2804
Ion Ratio Lower Upper
106 100
91 213.4 162.6 244.0

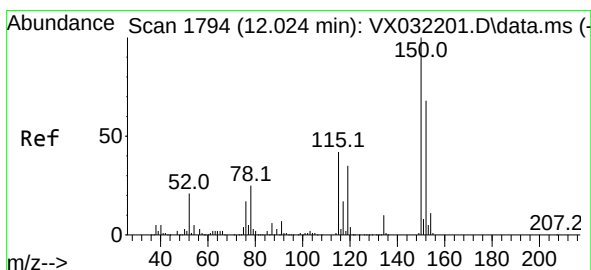
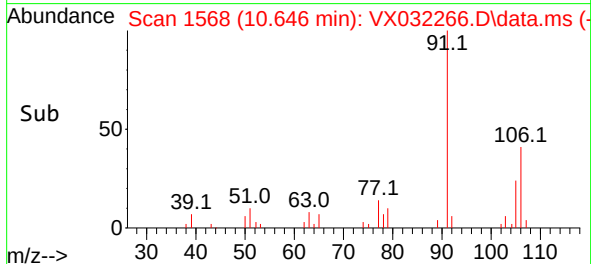
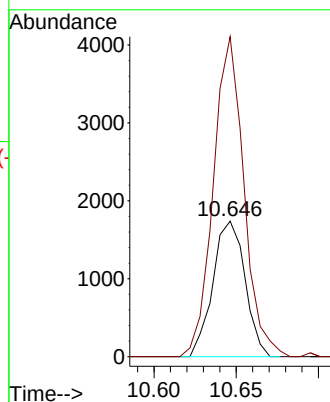
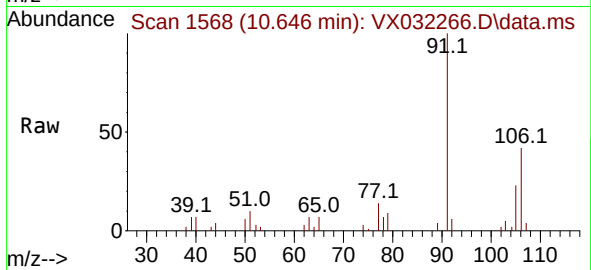




#69
o-Xylene
Concen: 2.192 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX032266.D
Acq: 20 Oct 2022 16:27

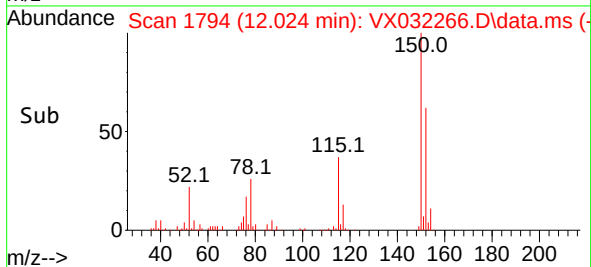
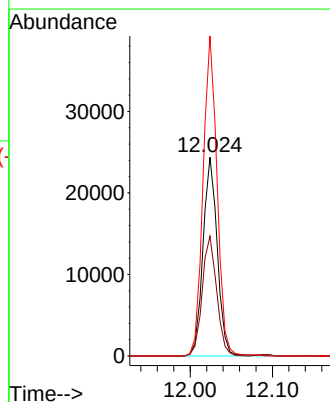
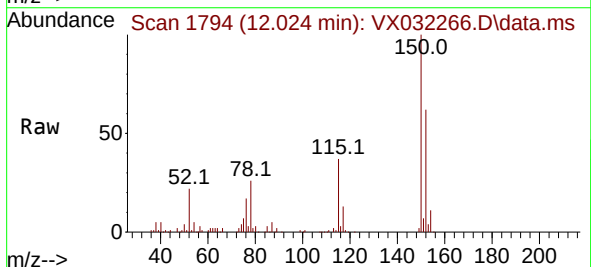
Instrument :
MSVOA_X
ClientSampleId :
BUR-1226

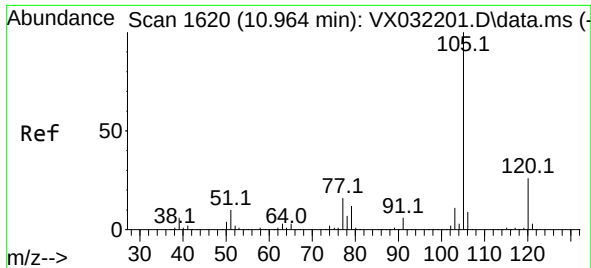
Tgt Ion:106 Resp: 2362
Ion Ratio Lower Upper
106 100
91 224.9 108.3 324.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032266.D
Acq: 20 Oct 2022 16:27

Tgt Ion:152 Resp: 29522
Ion Ratio Lower Upper
152 100
115 60.8 43.1 129.4
150 157.7 0.0 348.6

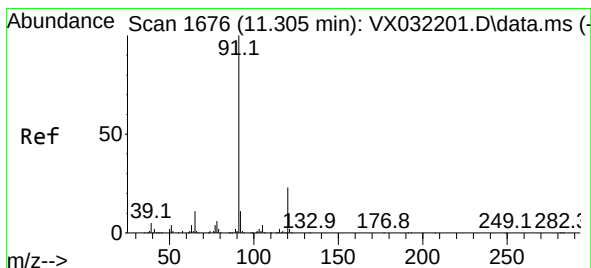
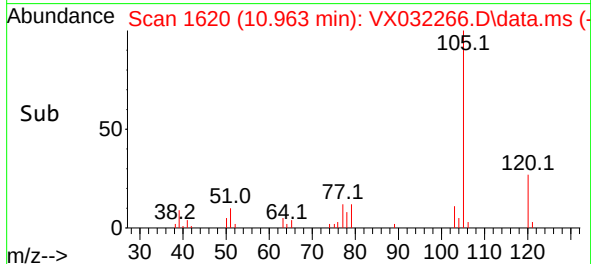
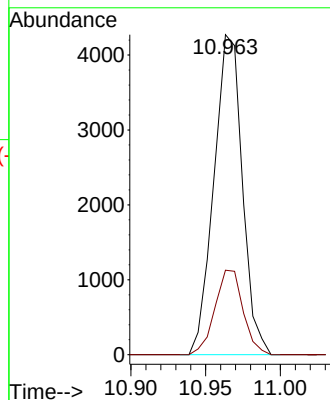
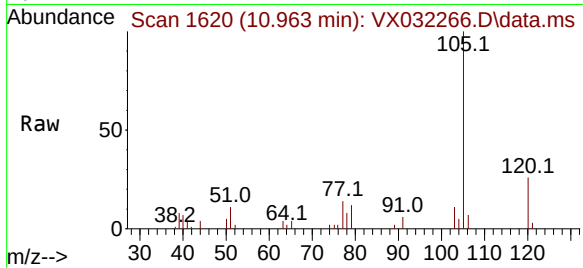




#73
Isopropylbenzene
Concen: 2.683 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX032266.D
Acq: 20 Oct 2022 16:27

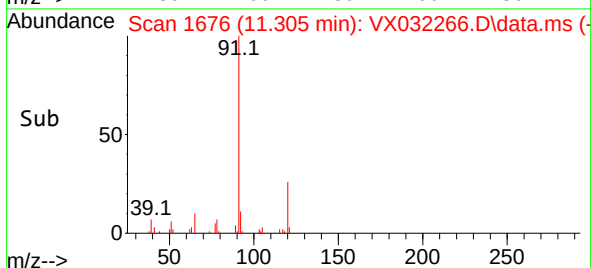
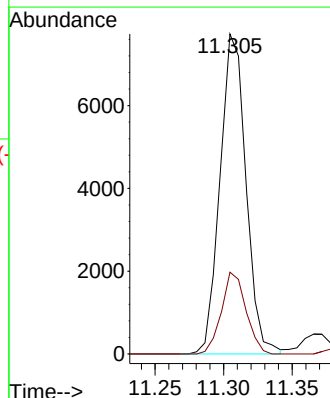
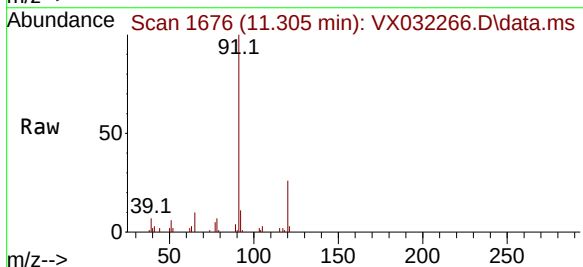
Instrument :
MSVOA_X
ClientSampleId :
BUR-1226

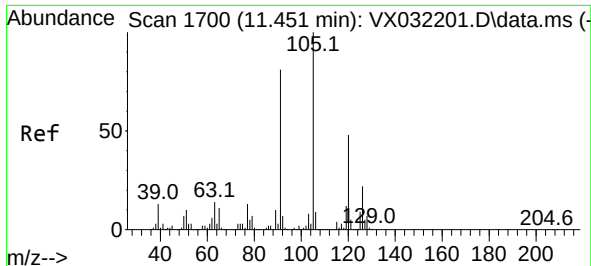
Tgt Ion:105 Resp: 5651
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6



#78
n-propylbenzene
Concen: 4.216 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032266.D
Acq: 20 Oct 2022 16:27

Tgt Ion: 91 Resp: 10170
Ion Ratio Lower Upper
91 100
120 24.1 11.6 34.8

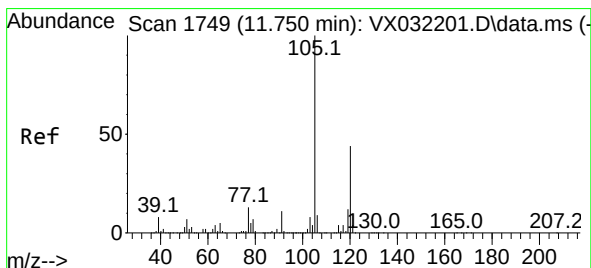
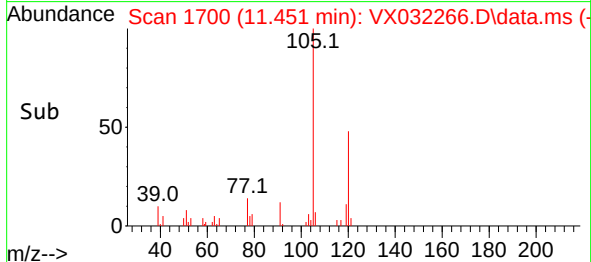
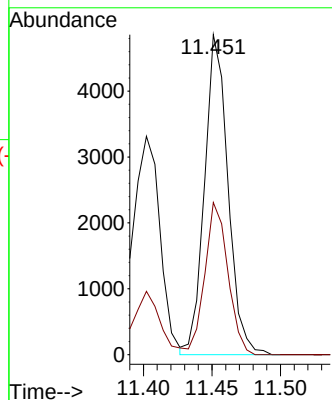
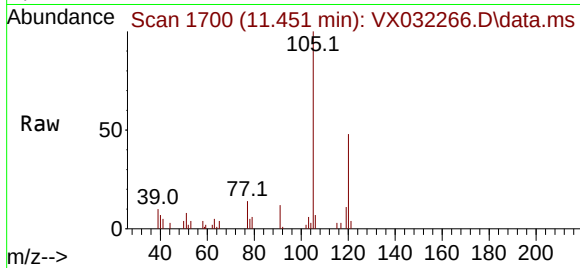




#80
 1,3,5-Trimethylbenzene
 Concen: 3.182 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX032266.D
 Acq: 20 Oct 2022 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 BUR-1226

Tgt Ion:105 Resp: 5789
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.5 70.6



#84
 1,2,4-Trimethylbenzene
 Concen: 6.598 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX032266.D
 Acq: 20 Oct 2022 16:27

Tgt Ion:105 Resp: 11672
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.1 66.1

