

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
 Data File : VX032262.D
 Acq On : 20 Oct 2022 14:57
 Operator : JC/MD
 Sample : N5210-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 INF1022DL

Quant Time: Oct 21 01:25:16 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)

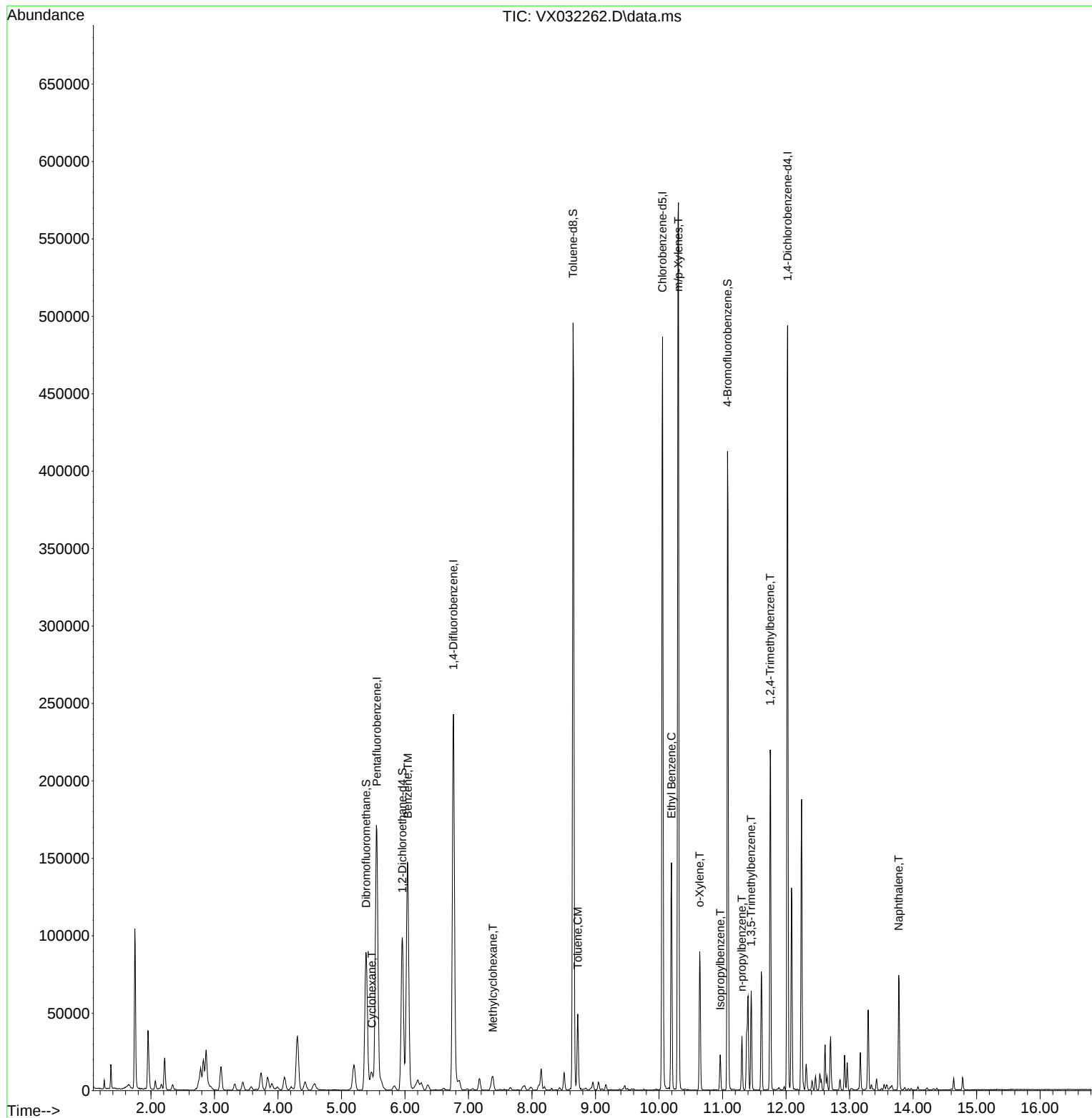
Internal Standards						
1) Pentafluorobenzene	5.556	168	159643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	244250	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101291	48.773	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.540%		
35) Dibromofluoromethane	5.385	113	76088	44.767	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.540%		
50) Toluene-d8	8.647	98	290918	47.549	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.100%		
62) 4-Bromofluorobenzene	11.079	95	104700	46.733	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.460%		
Target Compounds						
					Qvalue	
31) Cyclohexane	5.477	56	7910	3.332	ug/l	89
39) Methylcyclohexane	7.385	83	3900	1.493	ug/l	99
40) Benzene	6.044	78	176955	27.925	ug/l	99
52) Toluene	8.720	92	17643	4.298	ug/l	97
67) Ethyl Benzene	10.195	91	83759	10.963	ug/l	99
68) m/p-Xylenes	10.305	106	133227	44.155	ug/l	97
69) o-Xylene	10.640	106	18957	6.558	ug/l	94
73) Isopropylbenzene	10.963	105	11545	1.655	ug/l	95
78) n-propylbenzene	11.305	91	19823	2.481	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	27431	4.551	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	94798	16.178	ug/l	100
95) Naphthalene	13.774	128	46338	6.877	ug/l	99

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

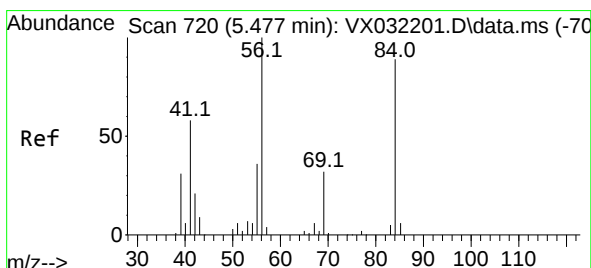
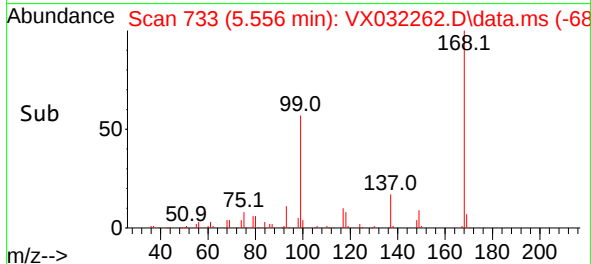
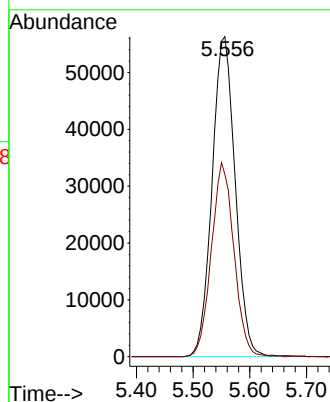
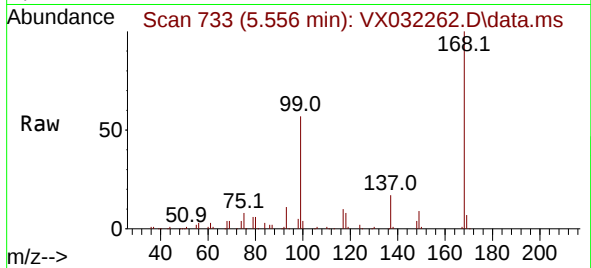




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032262.D
Acq: 20 Oct 2022 14:57

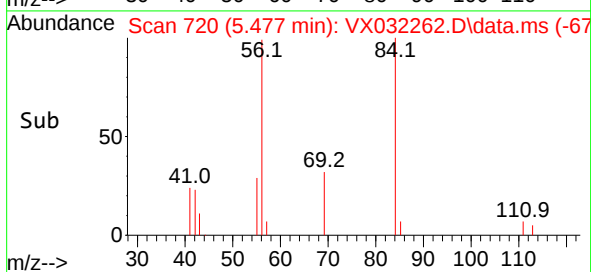
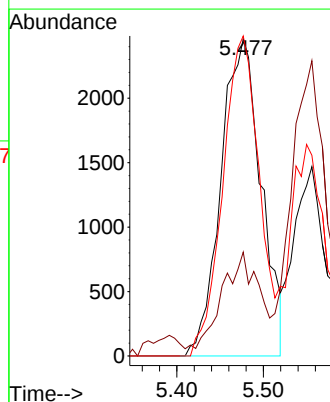
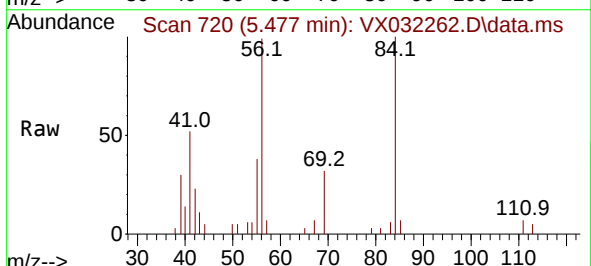
Instrument :
MSVOA_X
ClientSampleId :
INF1022DL

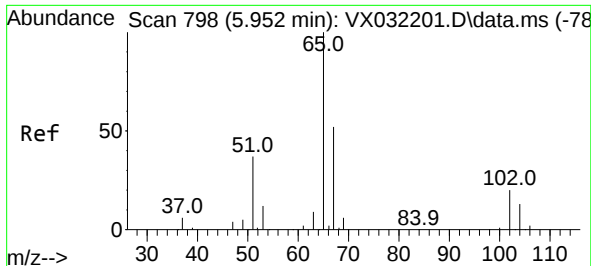
Tgt Ion:168 Resp: 159643
Ion Ratio Lower Upper
168 100
99 57.1 44.8 67.2



#31
Cyclohexane
Concen: 3.332 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX032262.D
Acq: 20 Oct 2022 14:57

Tgt Ion: 56 Resp: 7910
Ion Ratio Lower Upper
56 100
69 28.9 25.4 38.0
84 100.9 71.2 106.8





#33

1,2-Dichloroethane-d4

Concen: 48.773 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032262.D

Acq: 20 Oct 2022 14:57

Instrument :

MSVOA_X

ClientSampleId :

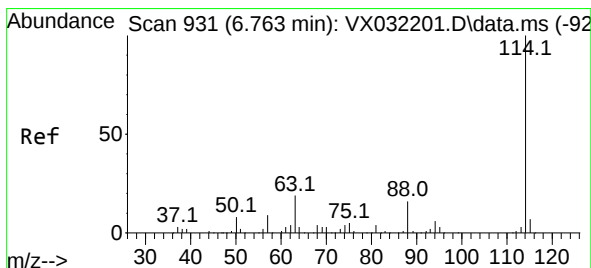
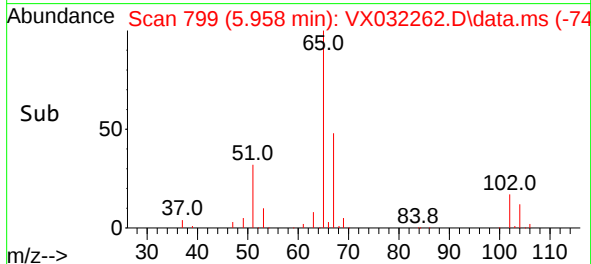
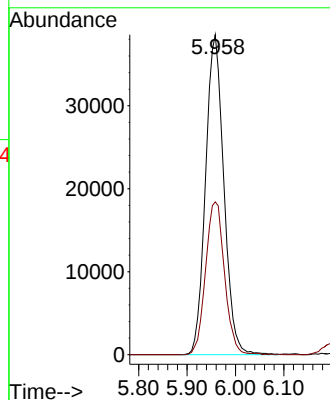
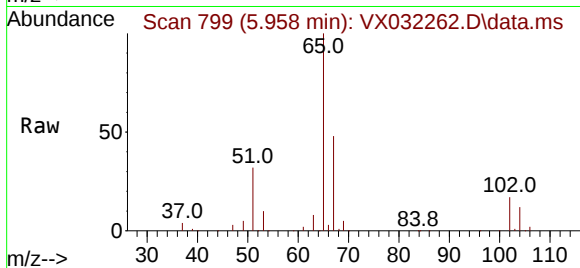
INF1022DL

Tgt Ion: 65 Resp: 101291

Ion Ratio Lower Upper

65 100

67 49.5 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032262.D

Acq: 20 Oct 2022 14:57

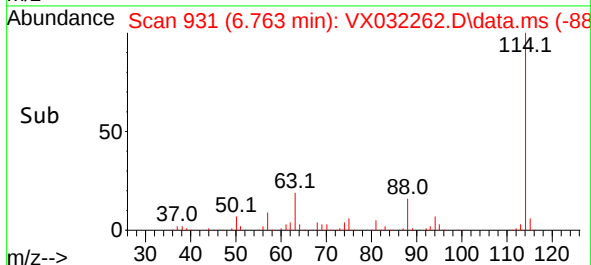
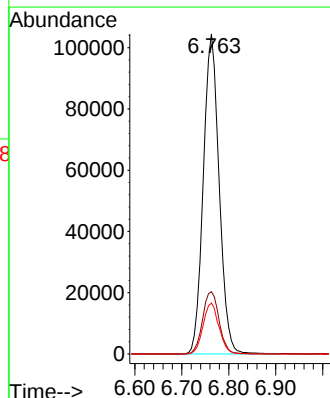
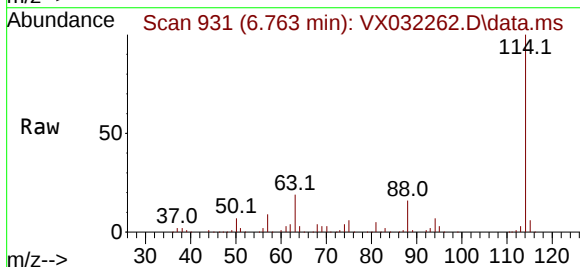
Tgt Ion: 114 Resp: 244250

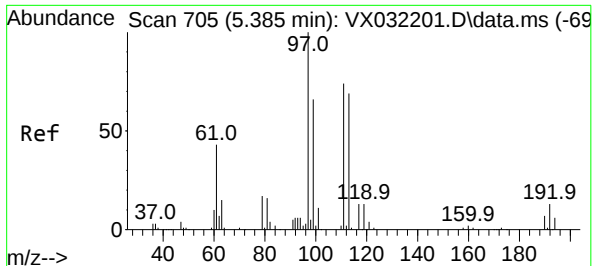
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 44.767 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032262.D

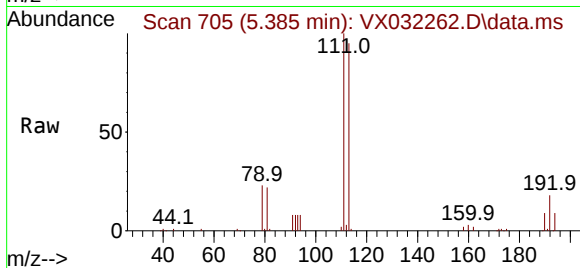
Acq: 20 Oct 2022 14:57

Instrument :

MSVOA_X

ClientSampleId :

INF1022DL



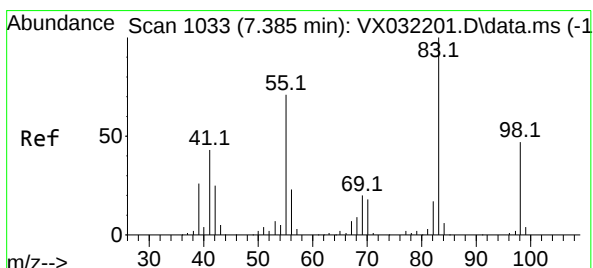
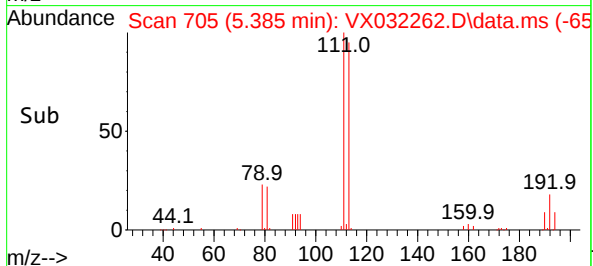
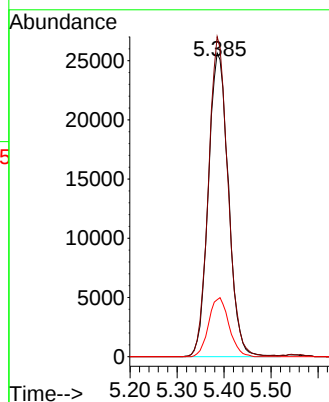
Tgt Ion:113 Resp: 76088

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

192 19.6 15.5 23.3



#39

Methylcyclohexane

Concen: 1.493 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX032262.D

Acq: 20 Oct 2022 14:57

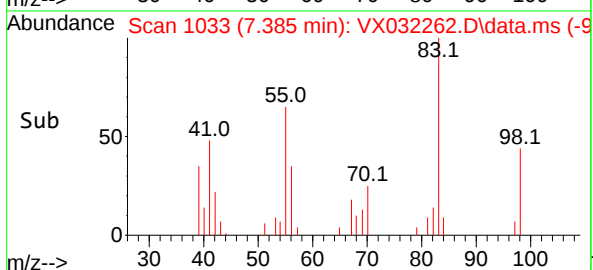
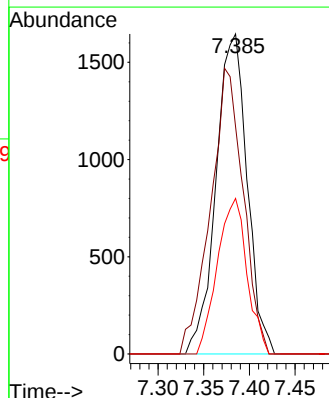
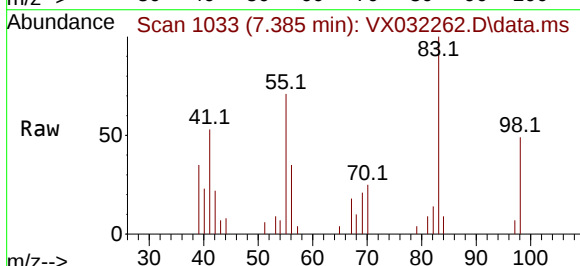
Tgt Ion: 83 Resp: 3900

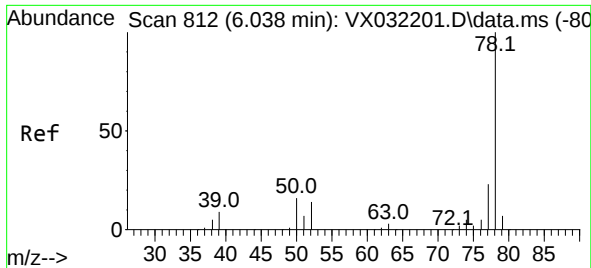
Ion Ratio Lower Upper

83 100

55 71.1 56.6 85.0

98 48.6 37.4 56.0

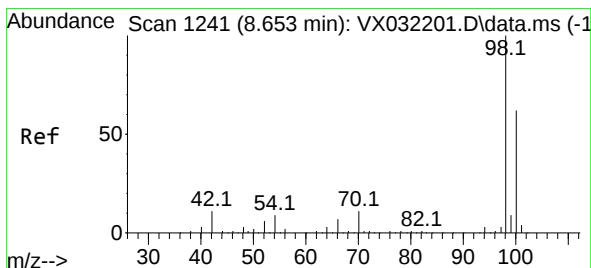
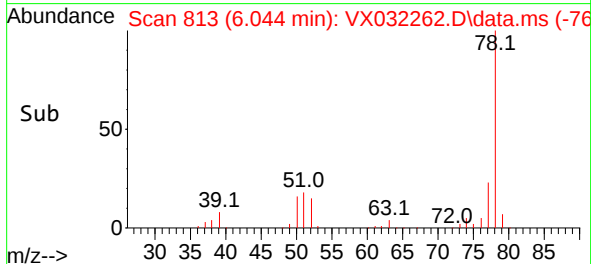
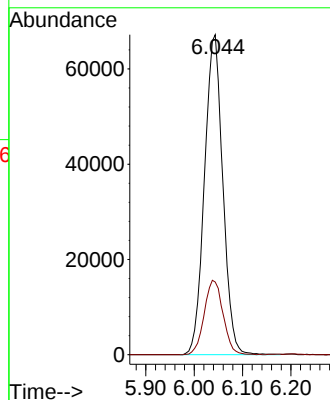
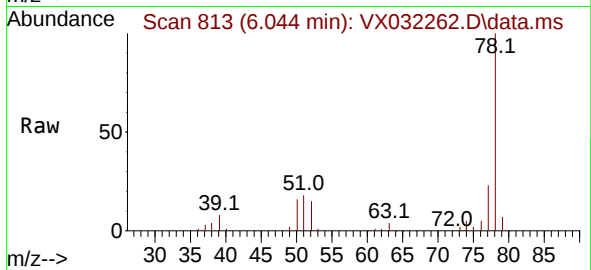




#40
Benzene
Concen: 27.925 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX032262.D
Acq: 20 Oct 2022 14:57

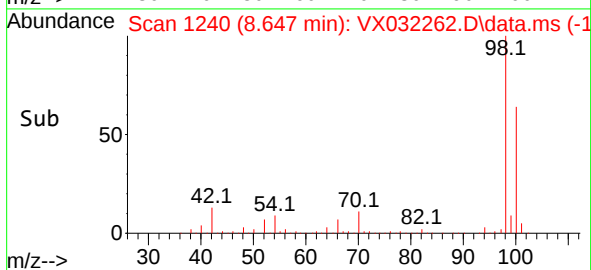
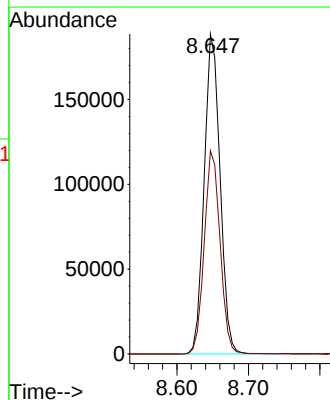
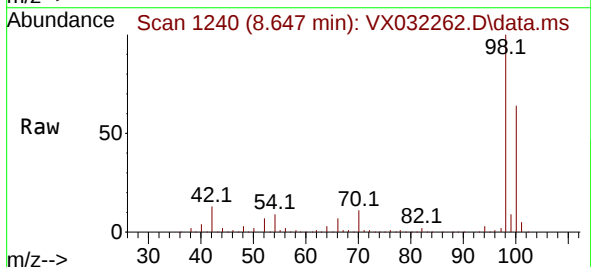
Instrument :
MSVOA_X
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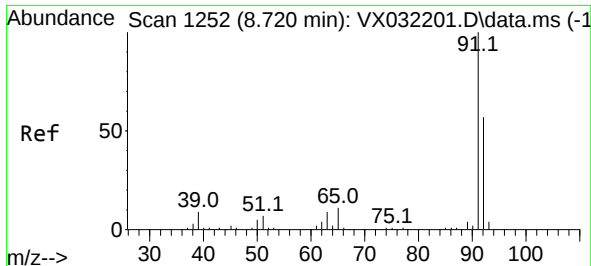
Tgt Ion: 78 Resp: 176955
Ion Ratio Lower Upper
78 100
77 22.7 18.6 27.8



#50
Toluene-d8
Concen: 47.549 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032262.D
Acq: 20 Oct 2022 14:57

Tgt Ion: 98 Resp: 290918
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1

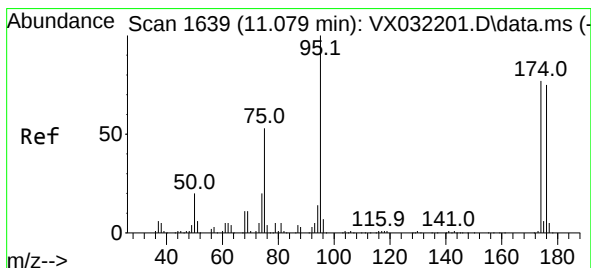
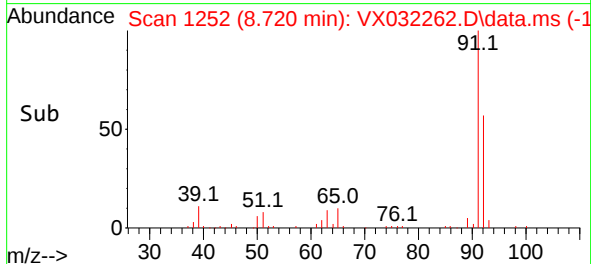
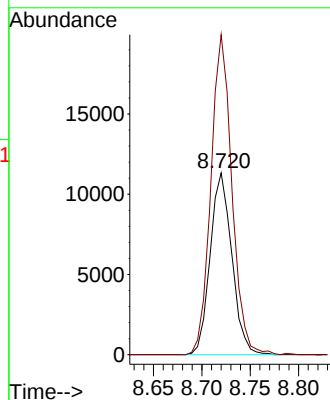
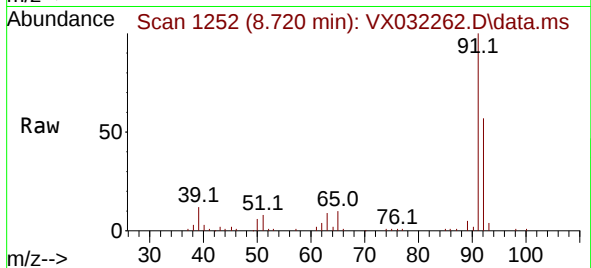




#52
Toluene
Concen: 4.298 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032262.D
Acq: 20 Oct 2022 14:57

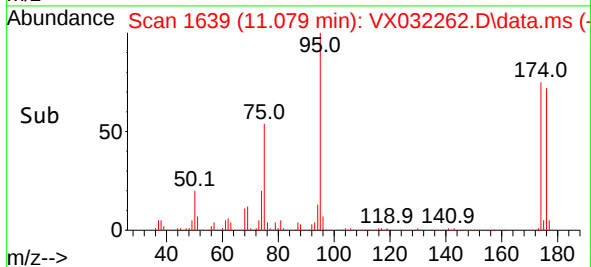
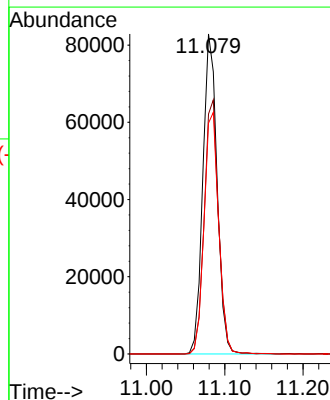
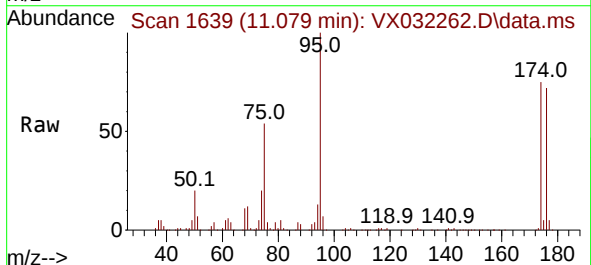
Instrument :
MSVOA_X
ClientSampleId :
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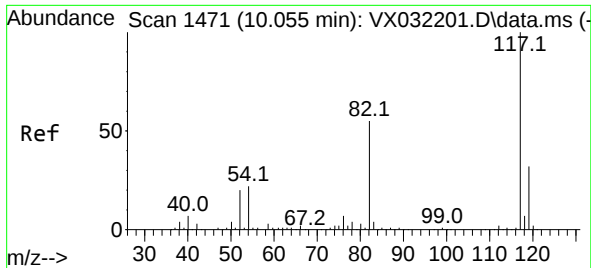
Tgt Ion: 92 Resp: 17643
Ion Ratio Lower Upper
92 100
91 171.0 140.3 210.5



#62
4-Bromofluorobenzene
Concen: 46.733 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032262.D
Acq: 20 Oct 2022 14:57

Tgt Ion: 95 Resp: 104700
Ion Ratio Lower Upper
95 100
174 79.6 0.0 166.8
176 77.5 0.0 161.4

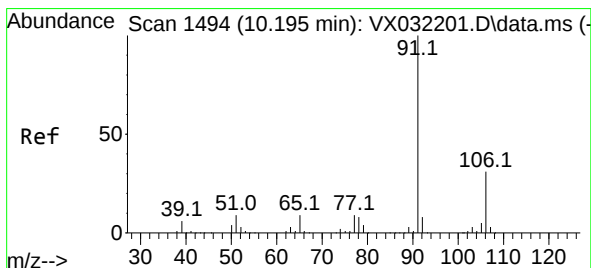
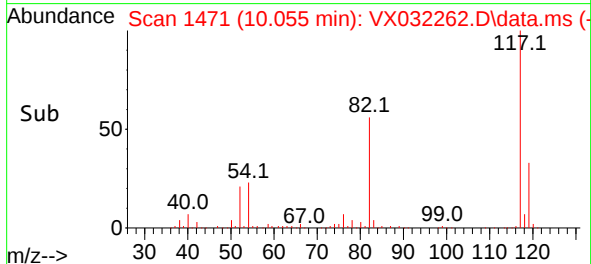
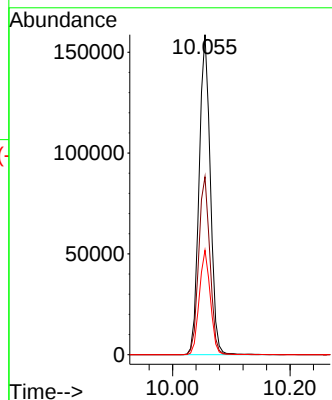
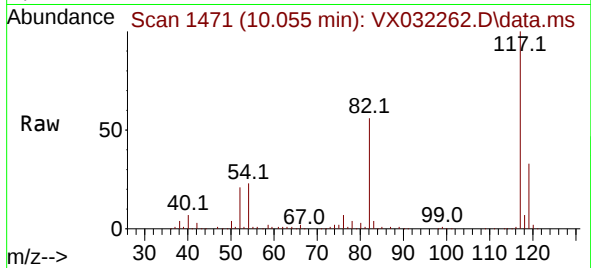




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032262.D
Acq: 20 Oct 2022 14:57

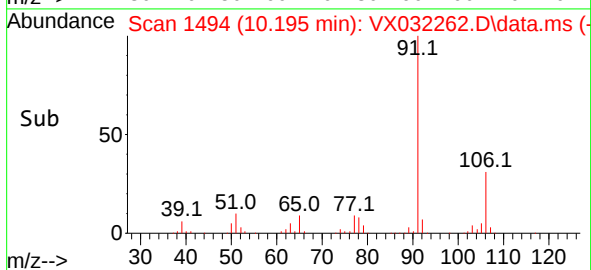
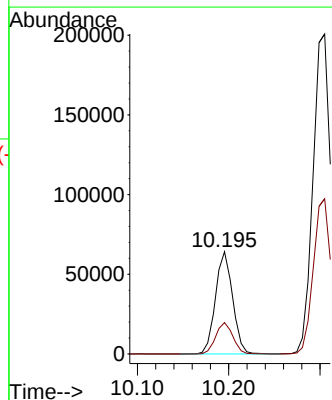
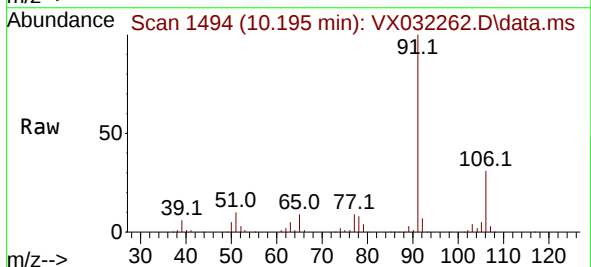
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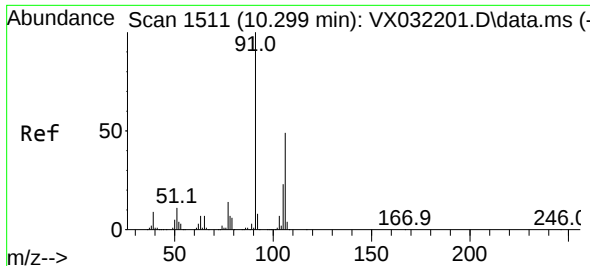
Tgt Ion:117 Resp: 210480
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.4
119 32.7 25.8 38.8



#67
Ethyl Benzene
Concen: 10.963 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032262.D
Acq: 20 Oct 2022 14:57

Tgt Ion: 91 Resp: 83759
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.4

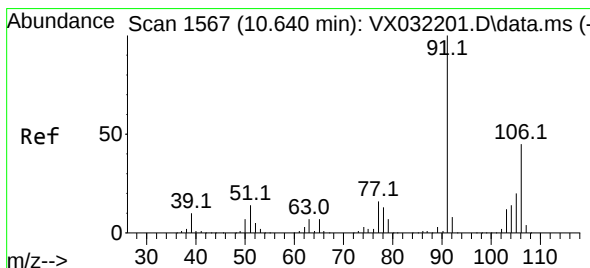
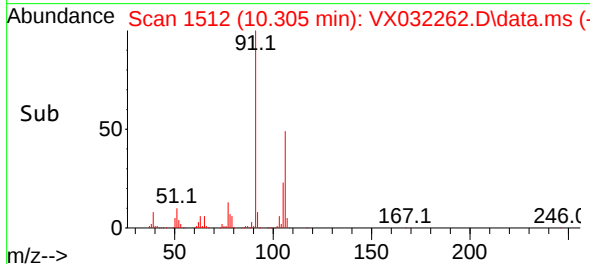
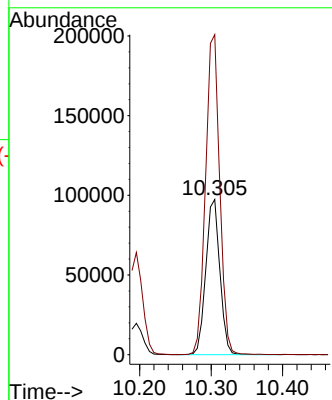
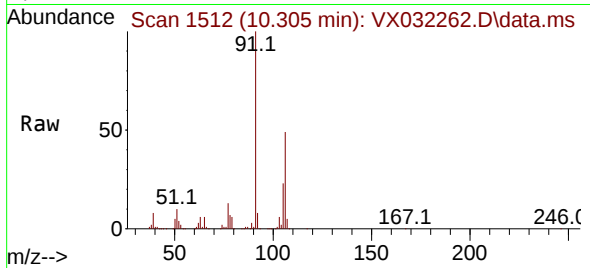




#68
m/p-Xylenes
Concen: 44.155 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX032262.D
Acq: 20 Oct 2022 14:57

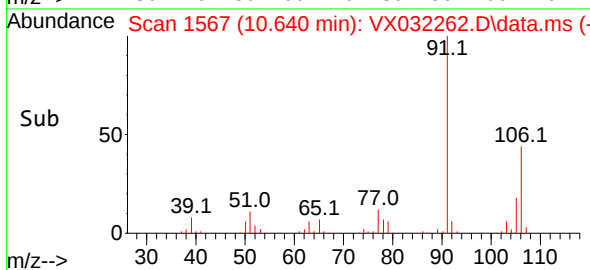
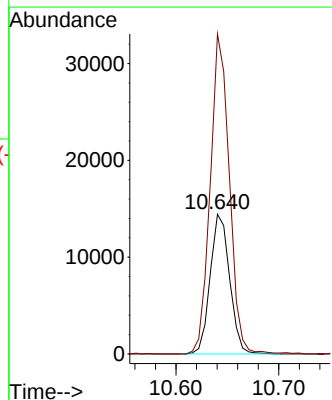
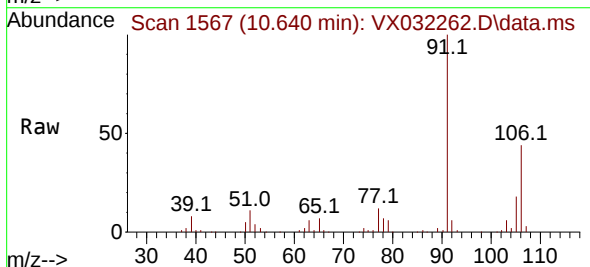
Instrument :
MSVOA_X
ClientSampleId :
INF1022DL

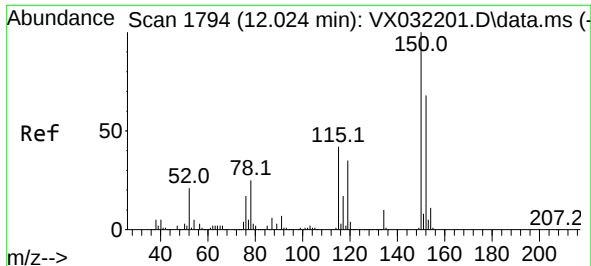
Tgt Ion:106 Resp: 133227
Ion Ratio Lower Upper
106 100
91 207.2 162.6 244.0



#69
o-Xylene
Concen: 6.558 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032262.D
Acq: 20 Oct 2022 14:57

Tgt Ion:106 Resp: 18957
Ion Ratio Lower Upper
106 100
91 225.6 108.3 324.9

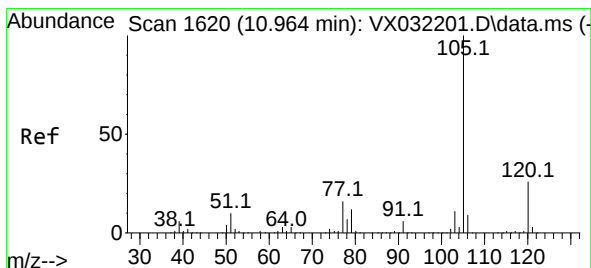
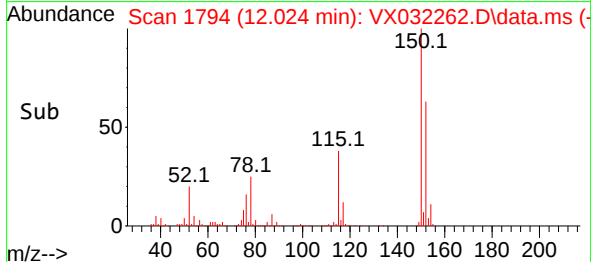
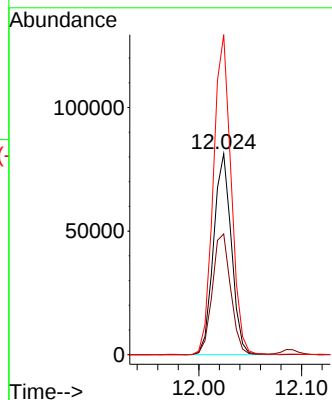
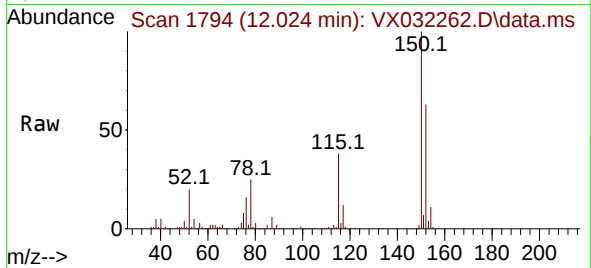




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032262.D
Acq: 20 Oct 2022 14:57

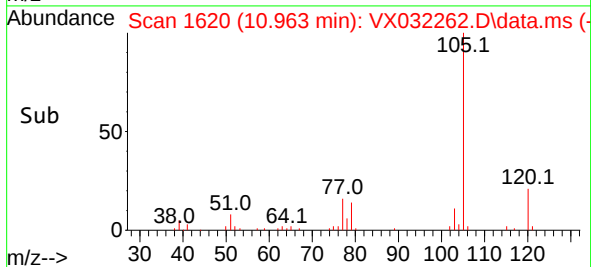
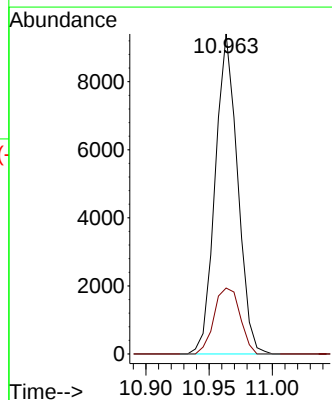
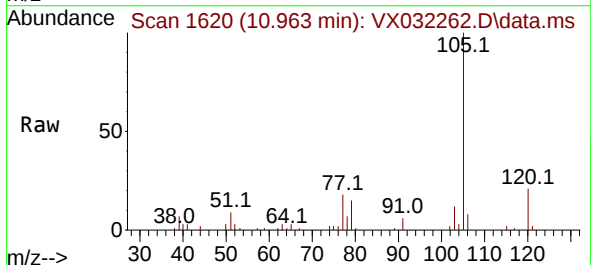
Instrument :
MSVOA_X
ClientSampleId :
INF1022DL

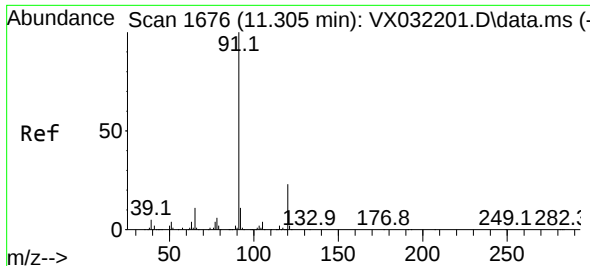
Tgt Ion:152 Resp: 97792
Ion Ratio Lower Upper
152 100
115 62.2 43.1 129.4
150 159.3 0.0 348.6



#73
Isopropylbenzene
Concen: 1.655 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX032262.D
Acq: 20 Oct 2022 14:57

Tgt Ion:105 Resp: 11545
Ion Ratio Lower Upper
105 100
120 23.9 13.2 39.6

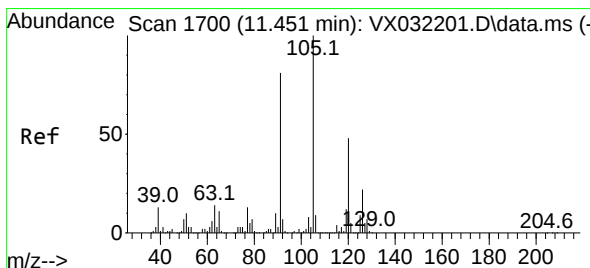
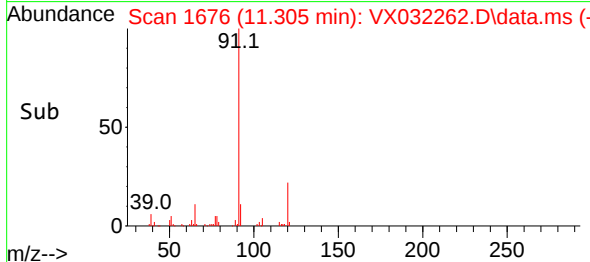
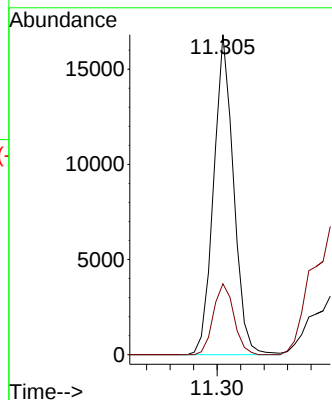
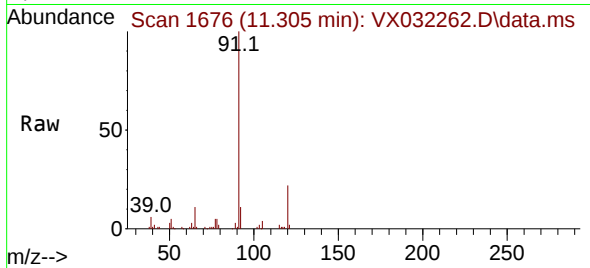




#78
n-propylbenzene
Concen: 2.481 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032262.D
Acq: 20 Oct 2022 14:57

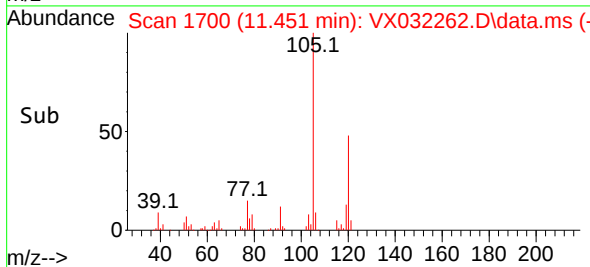
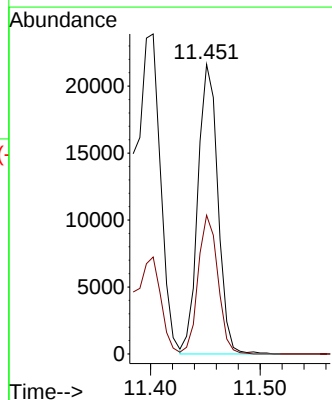
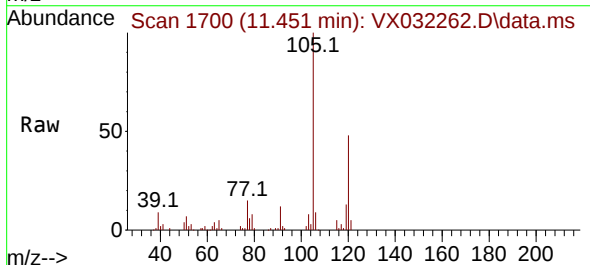
Instrument :
MSVOA_X
ClientSampleId :
INF1022DL

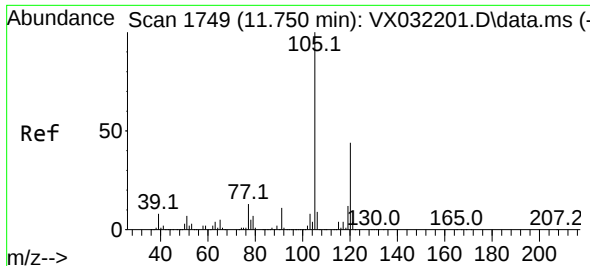
Tgt Ion: 91 Resp: 19823
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 4.551 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032262.D
Acq: 20 Oct 2022 14:57

Tgt Ion: 105 Resp: 27431
Ion Ratio Lower Upper
105 100
120 47.3 23.5 70.6

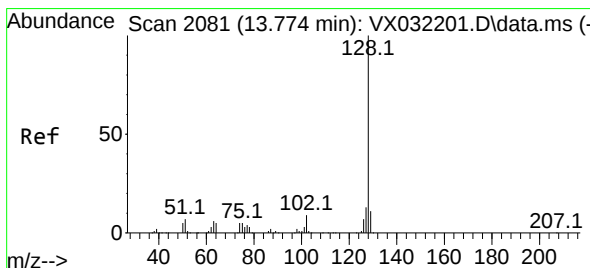
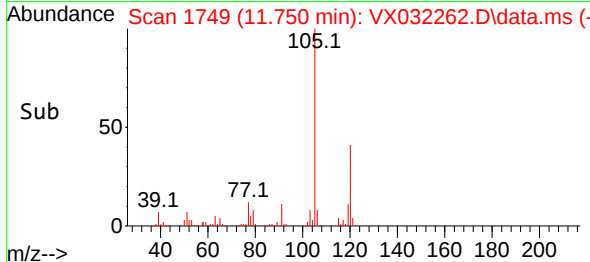
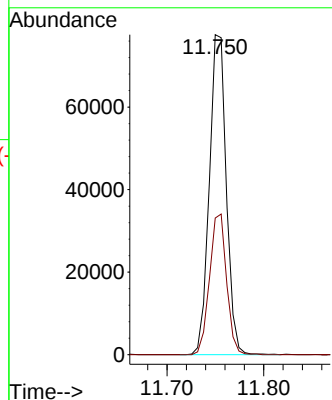
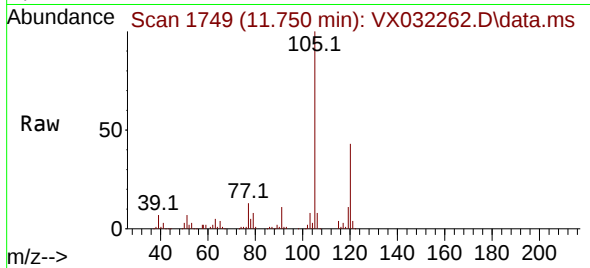




#84
1,2,4-Trimethylbenzene
Concen: 16.178 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032262.D
Acq: 20 Oct 2022 14:57

Instrument :
MSVOA_X
ClientSampleId :
INF1022DL

Tgt Ion:105 Resp: 94798
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.1



#95
Naphthalene
Concen: 6.877 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX032262.D
Acq: 20 Oct 2022 14:57

Tgt Ion:128 Resp: 46338
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 10.8 8.7 13.1

