

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
 Data File : VX032261.D
 Acq On : 20 Oct 2022 14:33
 Operator : JC/MD
 Sample : N5210-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 INF1022

Quant Time: Oct 21 01:24:42 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)

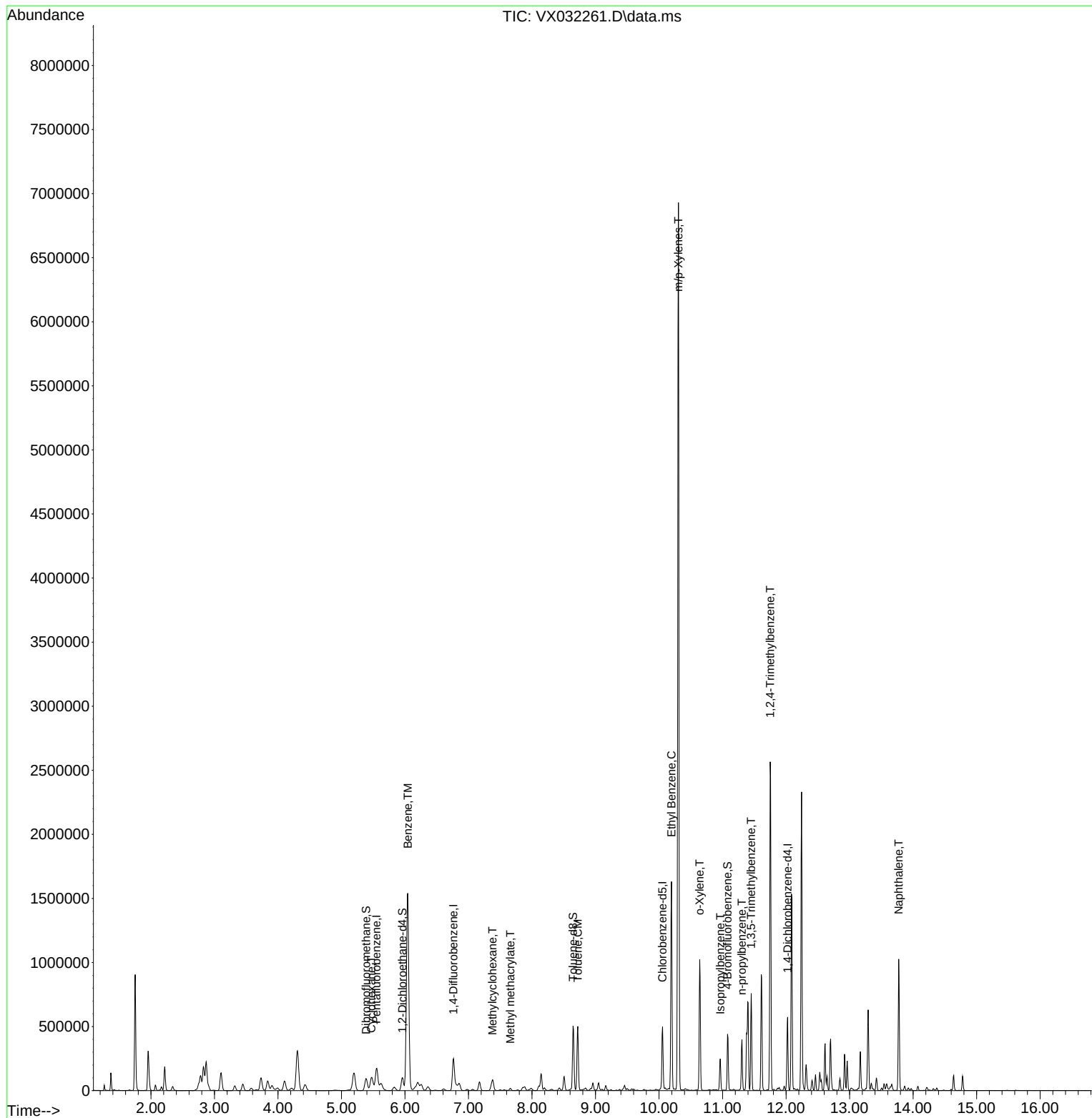
Internal Standards						
1) Pentafluorobenzene	5.550	168	161312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101730	48.477	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.960%		
35) Dibromofluoromethane	5.385	113	77279	45.037	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.080%		
50) Toluene-d8	8.647	98	299982	48.567	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.140%		
62) 4-Bromofluorobenzene	11.079	95	112639	49.801	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.600%		
Target Compounds						
					Qvalue	
31) Cyclohexane	5.471	56	74135	30.902	ug/l	96
39) Methylcyclohexane	7.379	83	35410	13.429	ug/l	92
40) Benzene	6.044	78	1826118	285.453	ug/l	98
48) Methyl methacrylate	7.659	41	4411	2.608	ug/l #	62
52) Toluene	8.720	92	181921	43.899	ug/l	100
67) Ethyl Benzene	10.195	91	903629	115.175	ug/l	99
68) m/p-Xylenes	10.305	106	1554335	501.662	ug/l	98
69) o-Xylene	10.640	106	210120	70.790	ug/l	97
73) Isopropylbenzene	10.963	105	123666	15.389	ug/l	100
78) n-propylbenzene	11.305	91	226777	24.645	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	312010	44.951	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	1113646	165.023	ug/l	100
95) Naphthalene	13.774	128	605944	78.084	ug/l	99

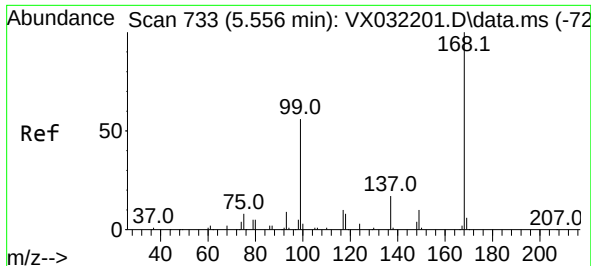
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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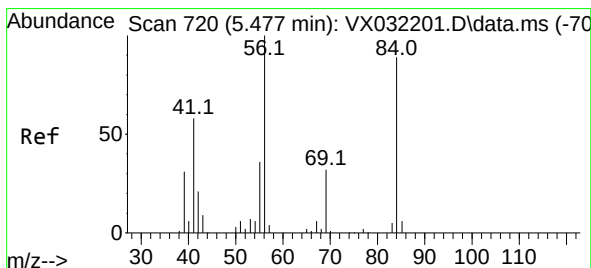
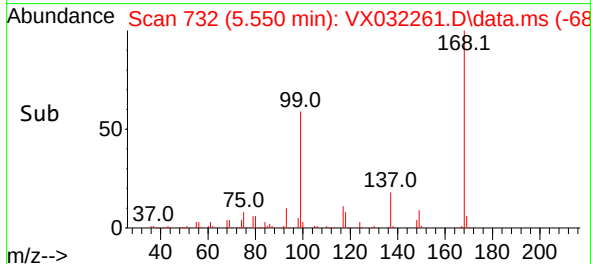
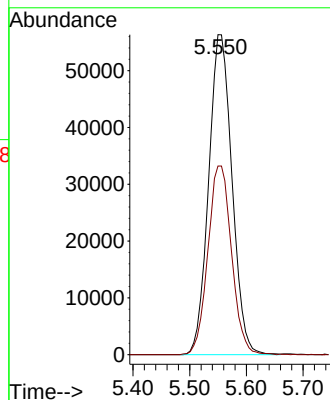
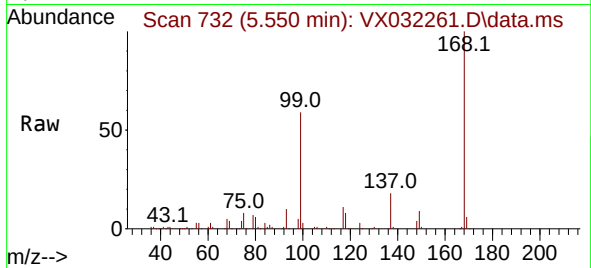




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

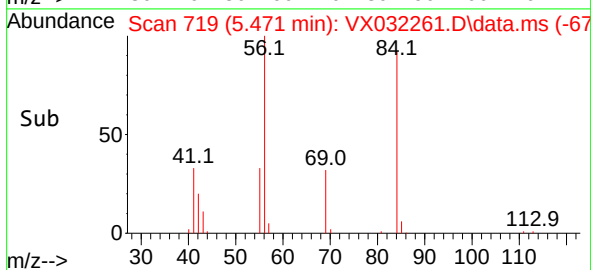
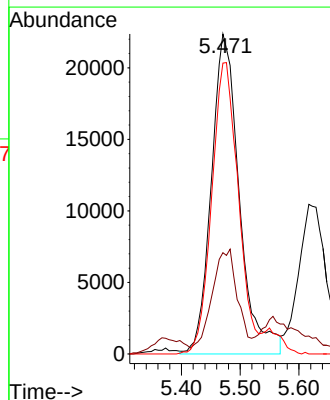
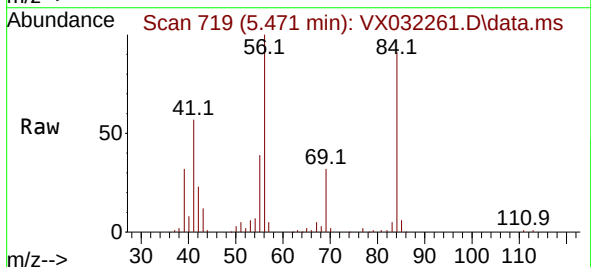
Instrument :
MSVOA_X
ClientSampleId :
INF1022

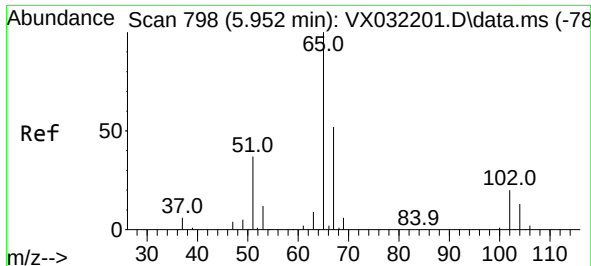
Tgt Ion:168 Resp: 161312
Ion Ratio Lower Upper
168 100
99 58.9 44.8 67.2



#31
Cyclohexane
Concen: 30.902 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion: 56 Resp: 74135
Ion Ratio Lower Upper
56 100
69 27.7 25.4 38.0
84 91.4 71.2 106.8





#33

1,2-Dichloroethane-d4

Concen: 48.477 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032261.D

Acq: 20 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

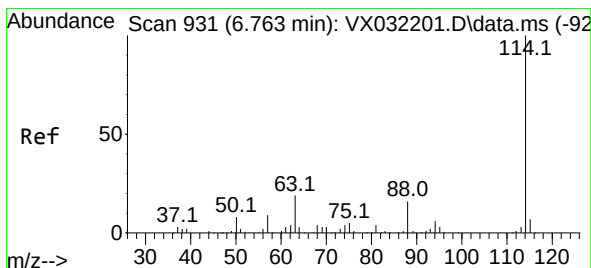
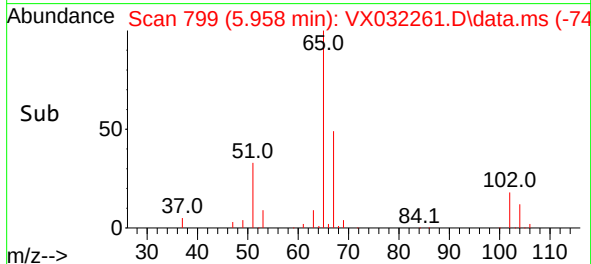
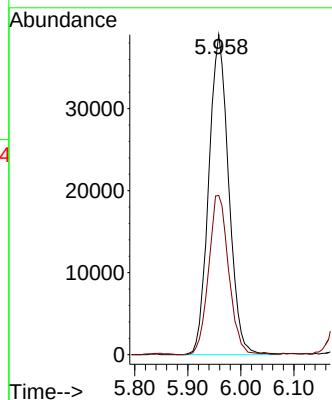
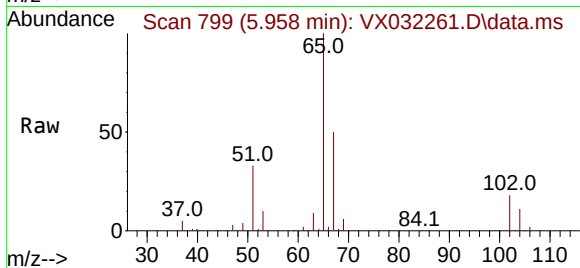
INF1022

Tgt Ion: 65 Resp: 101730

Ion Ratio Lower Upper

65 100

67 50.3 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: VX032261.D

Acq: 20 Oct 2022 14:33

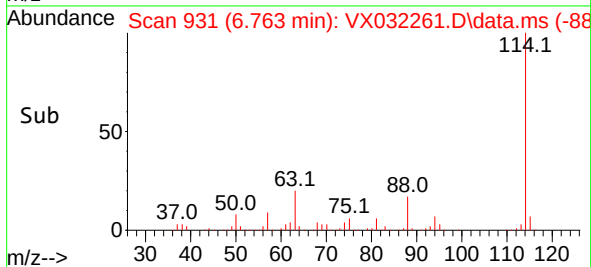
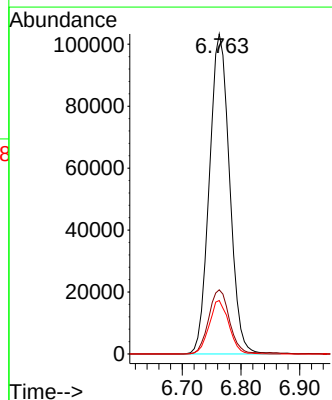
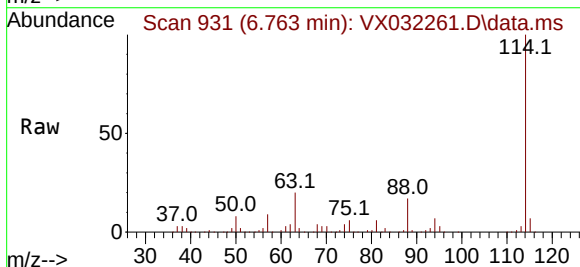
Tgt Ion: 114 Resp: 246583

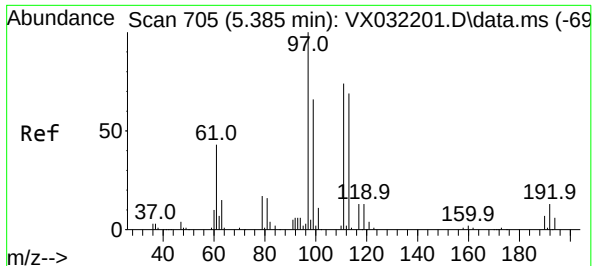
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.6

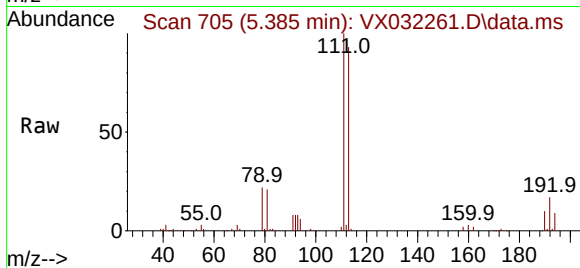
88 16.7 0.0 32.6



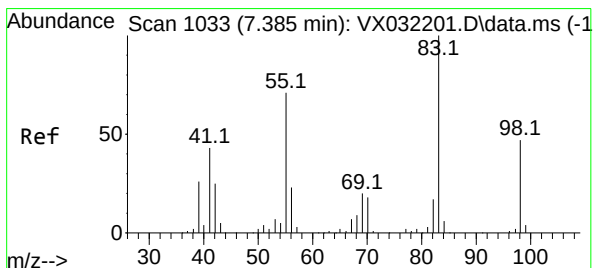
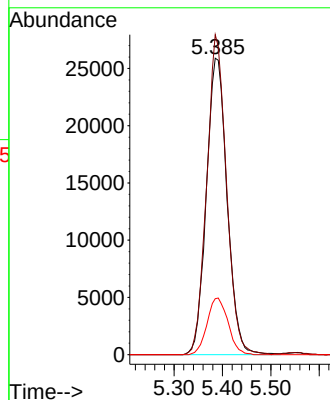
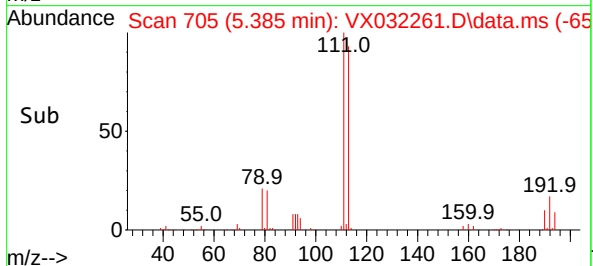


#35
Dibromofluoromethane
Concen: 45.037 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Instrument :
MSVOA_X
ClientSampleId :
INF1022

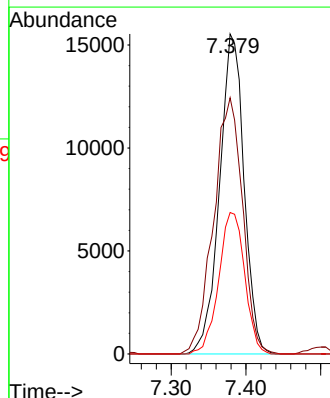
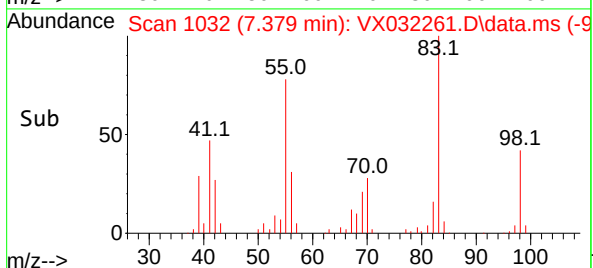
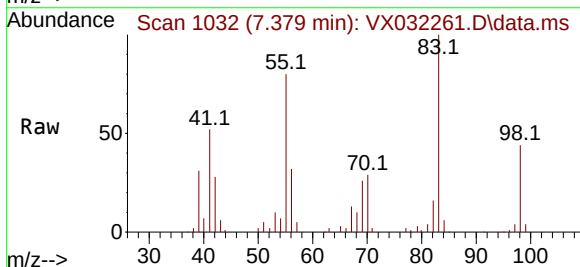


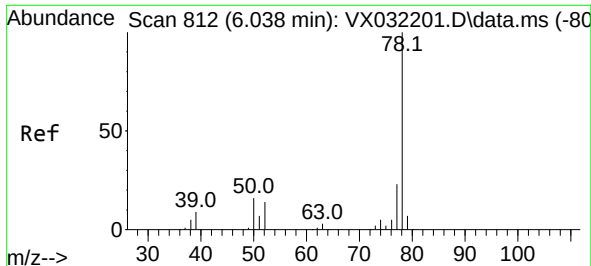
Tgt Ion:113 Resp: 77279
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 19.3 15.5 23.3



#39
Methylcyclohexane
Concen: 13.429 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion: 83 Resp: 35410
Ion Ratio Lower Upper
83 100
55 80.1 56.6 85.0
98 44.2 37.4 56.0





#40

Benzene

Concen: 285.453 ug/l

RT: 6.044 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX032261.D

Acq: 20 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

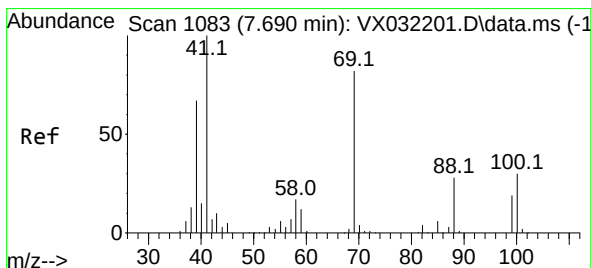
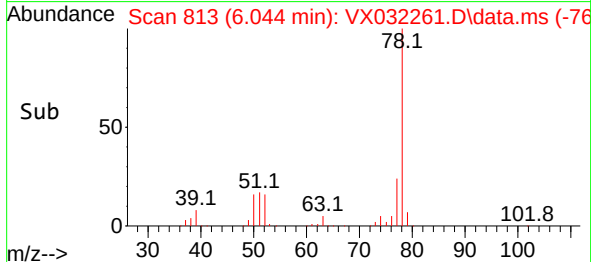
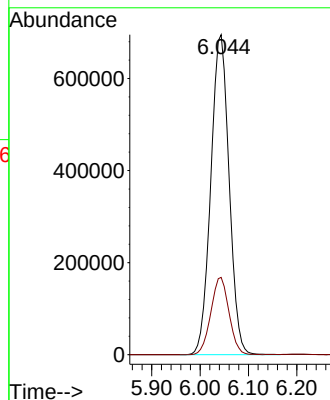
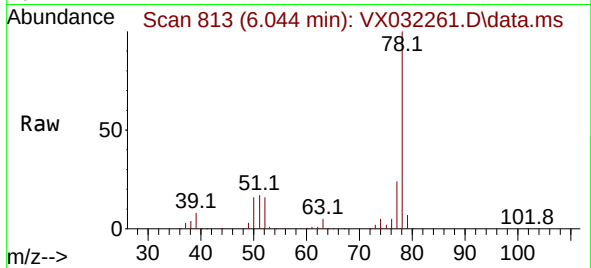
INF1022

Tgt Ion: 78 Resp: 1826118

Ion Ratio Lower Upper

78 100

77 24.2 18.6 27.8



#48

Methyl methacrylate

Concen: 2.608 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.031 min

Lab File: VX032261.D

Acq: 20 Oct 2022 14:33

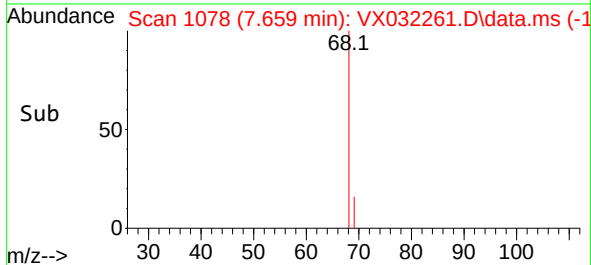
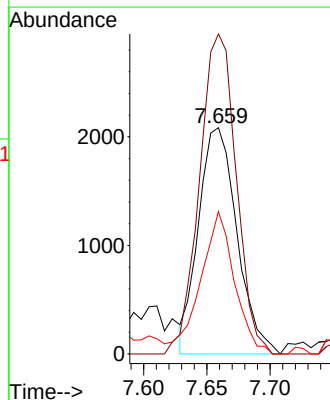
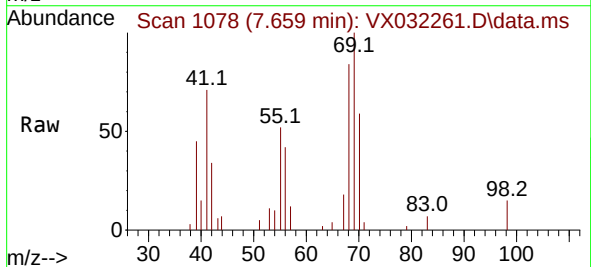
Tgt Ion: 41 Resp: 4411

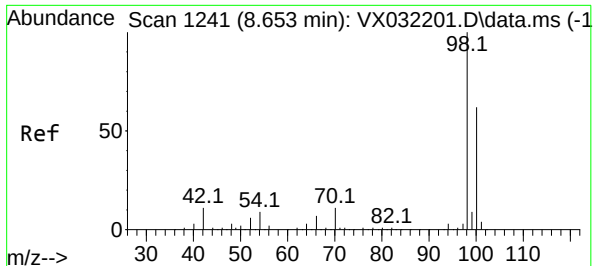
Ion Ratio Lower Upper

41 100

69 135.1 67.3 100.9#

39 55.7 53.8 80.8

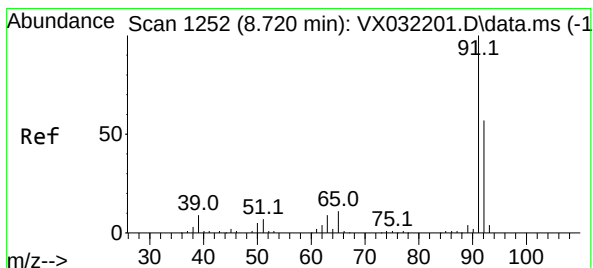
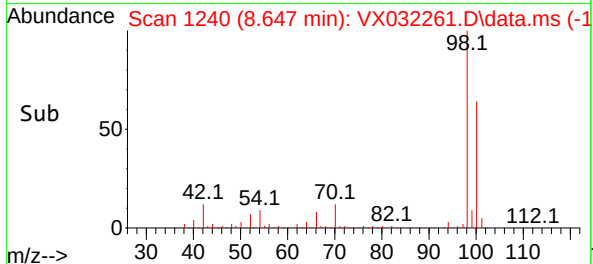
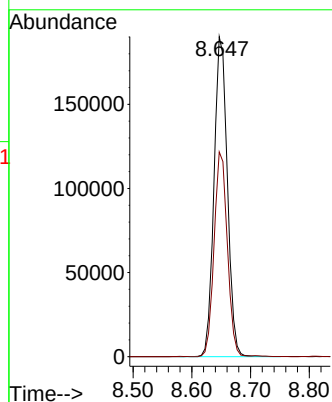
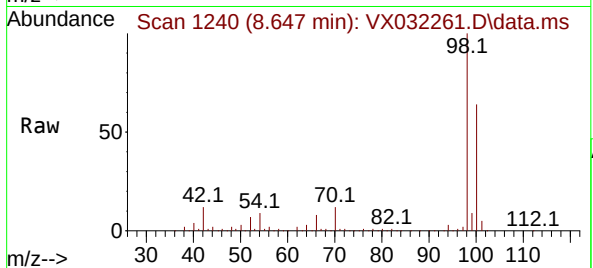




#50
Toluene-d8
Concen: 48.567 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

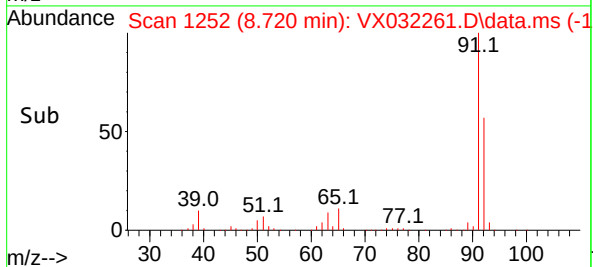
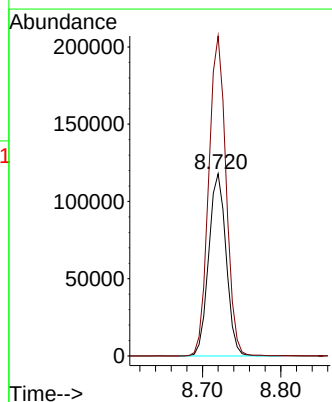
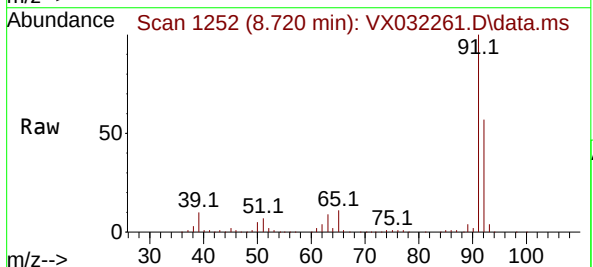
Instrument :
MSVOA_X
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INF1022

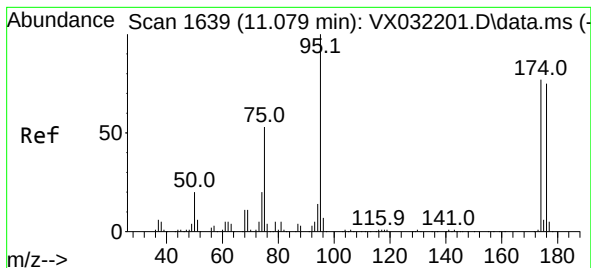
Tgt Ion: 98 Resp: 299982
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1



#52
Toluene
Concen: 43.899 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion: 92 Resp: 181921
Ion Ratio Lower Upper
92 100
91 174.9 140.3 210.5

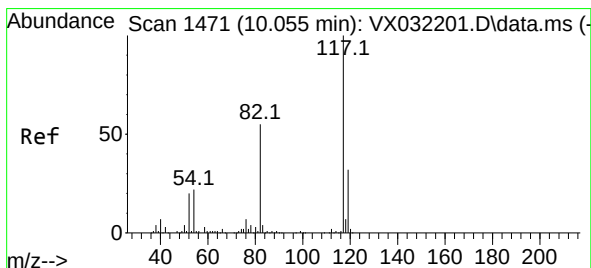
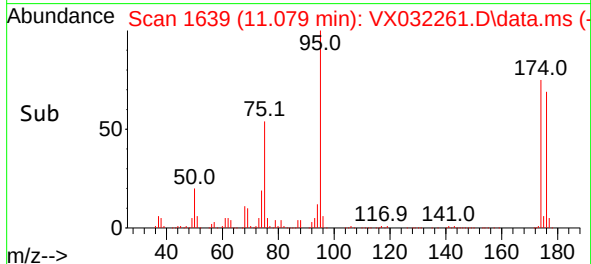
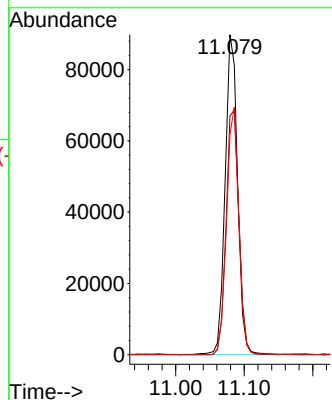
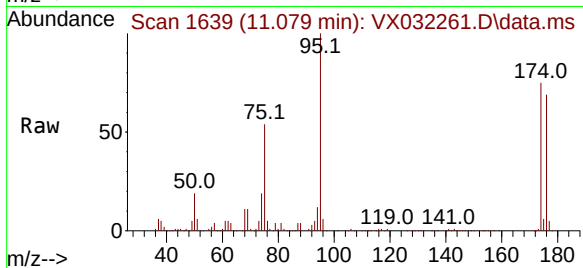




#62
4-Bromofluorobenzene
Concen: 49.801 ug/l
RT: 11.079 min Scan# 112639
Delta R.T. 0.000 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

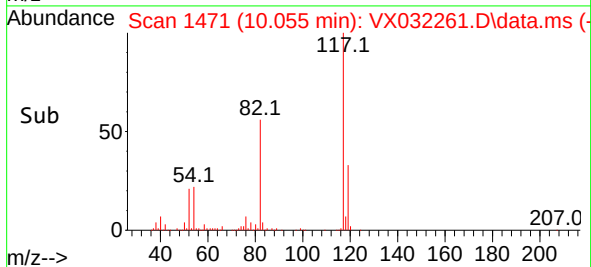
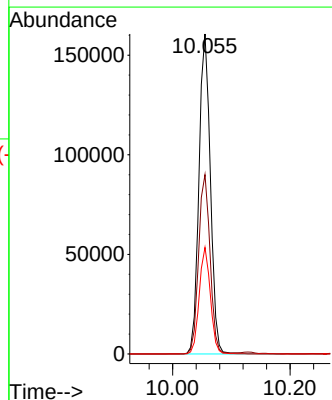
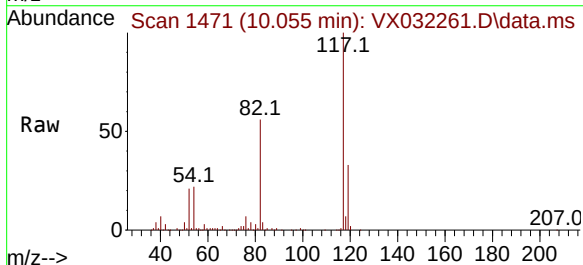
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MSVOA_X
ClientSampleId :
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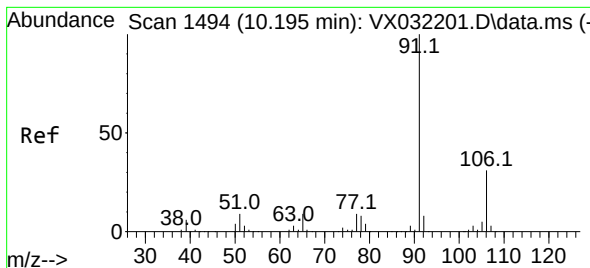
Tgt Ion: 95 Resp: 112639
Ion Ratio Lower Upper
95 100
174 79.1 0.0 166.8
176 75.8 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion: 117 Resp: 216138
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.4
119 33.3 25.8 38.8





#67

Ethyl Benzene

Concen: 115.175 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX032261.D

Acq: 20 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

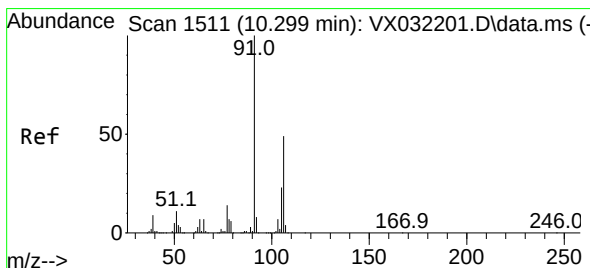
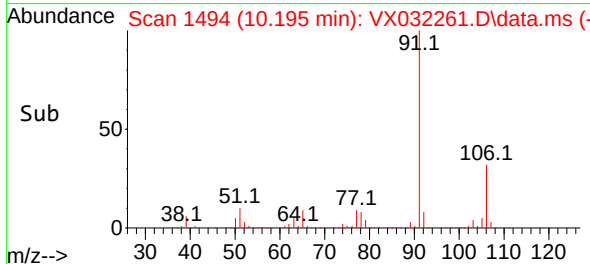
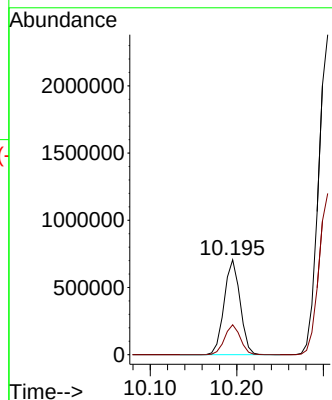
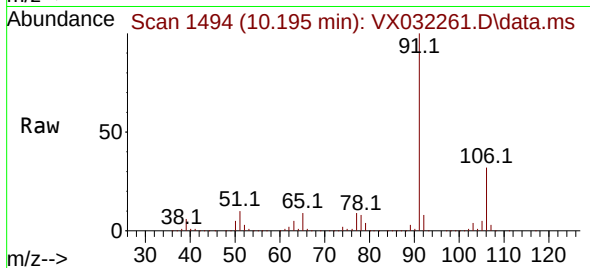
INF1022

Tgt Ion: 91 Resp: 903629

Ion Ratio Lower Upper

91 100

106 31.5 25.0 37.4



#68

m/p-Xylenes

Concen: 501.662 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX032261.D

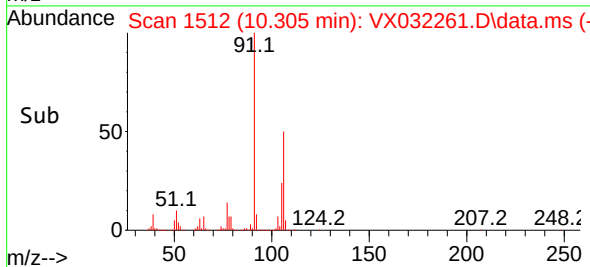
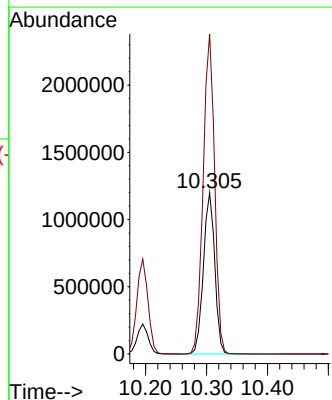
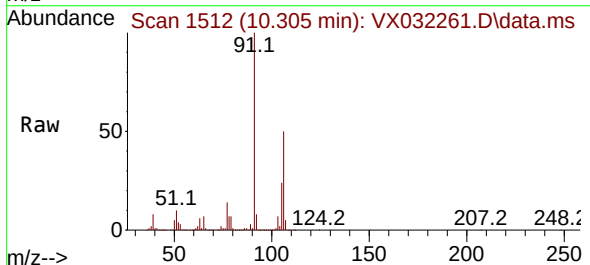
Acq: 20 Oct 2022 14:33

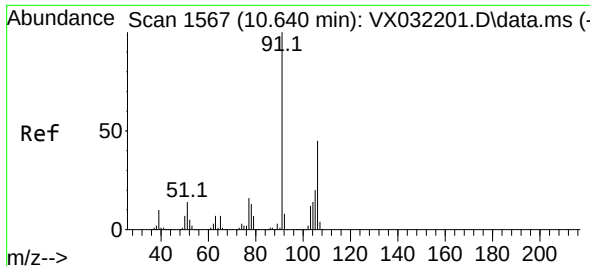
Tgt Ion: 106 Resp: 1554335

Ion Ratio Lower Upper

106 100

91 200.7 162.6 244.0

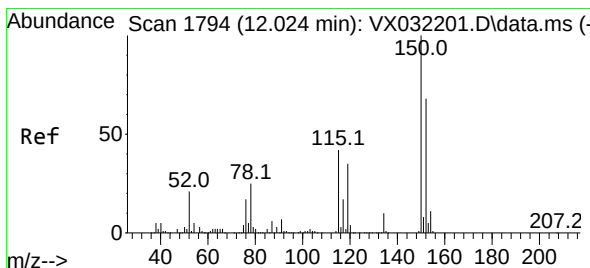
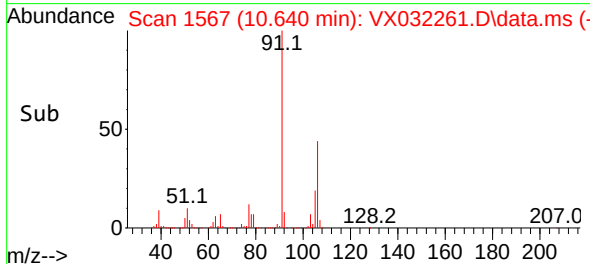
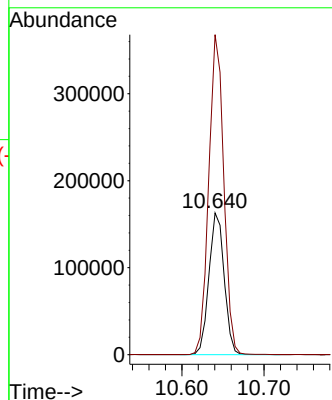
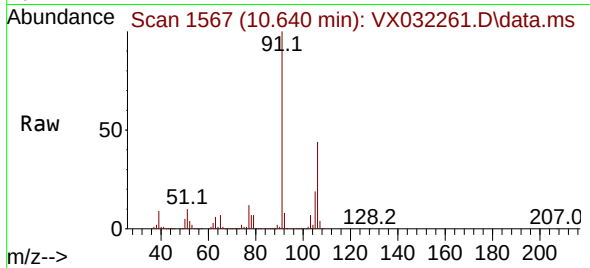




#69
o-Xylene
Concen: 70.790 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

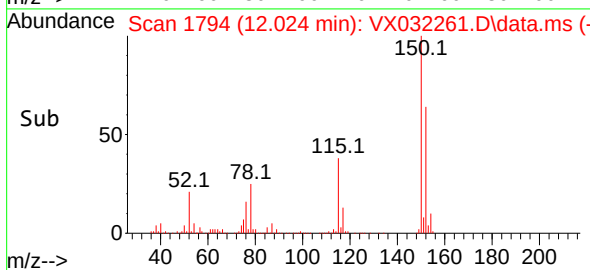
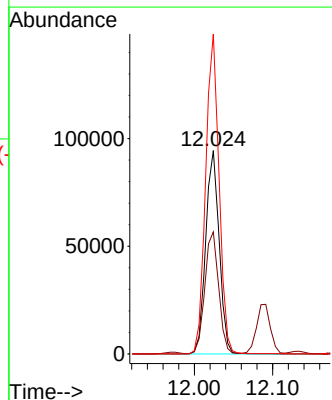
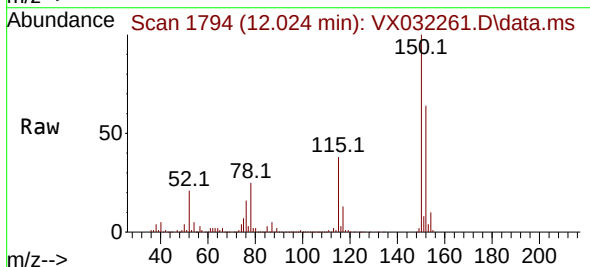
Instrument :
MSVOA_X
ClientSampleId :
INF1022

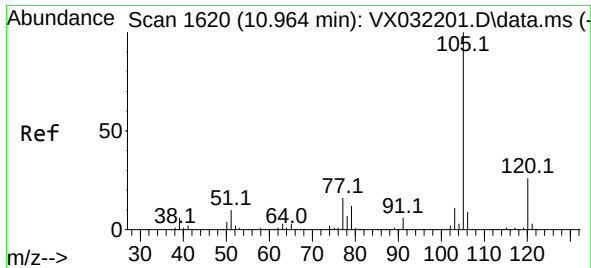
Tgt Ion:106 Resp: 210120
Ion Ratio Lower Upper
106 100
91 221.9 108.3 324.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion:152 Resp: 112621
Ion Ratio Lower Upper
152 100
115 61.2 43.1 129.4
150 156.1 0.0 348.6

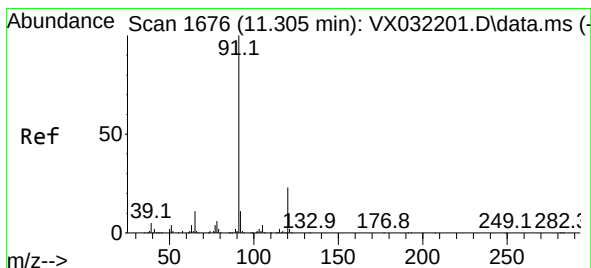
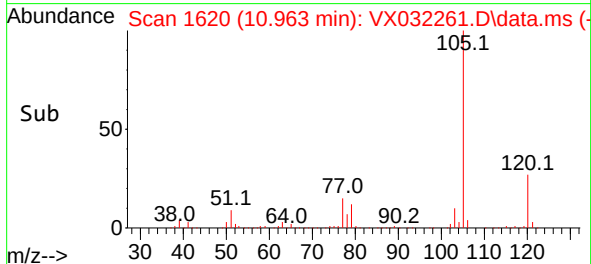
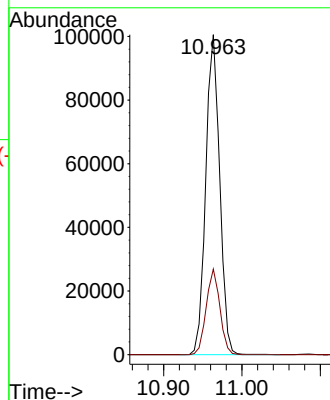
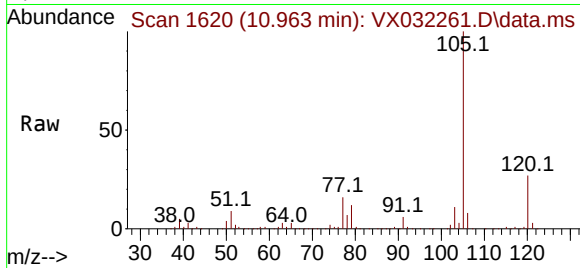




#73
Isopropylbenzene
Concen: 15.389 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

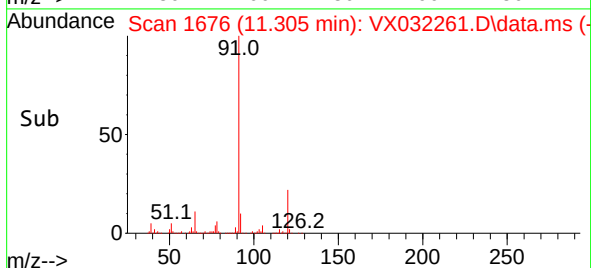
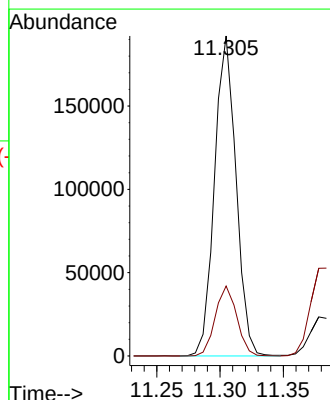
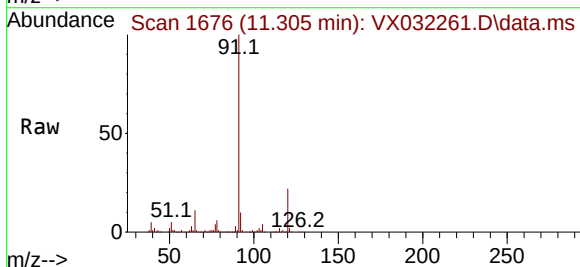
Instrument :
MSVOA_X
ClientSampleId :
INF1022

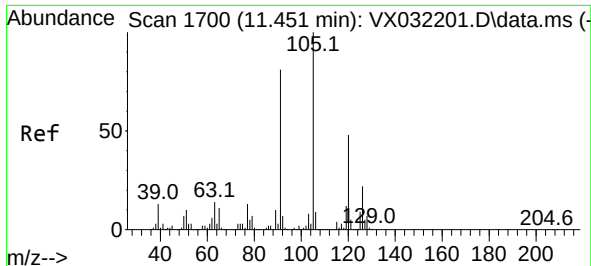
Tgt Ion:105 Resp: 123666
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6



#78
n-propylbenzene
Concen: 24.645 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Tgt Ion: 91 Resp: 226777
Ion Ratio Lower Upper
91 100
120 21.8 11.6 34.8

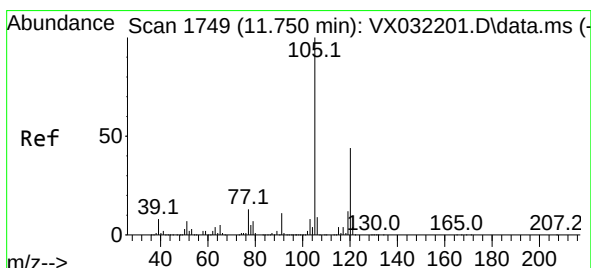
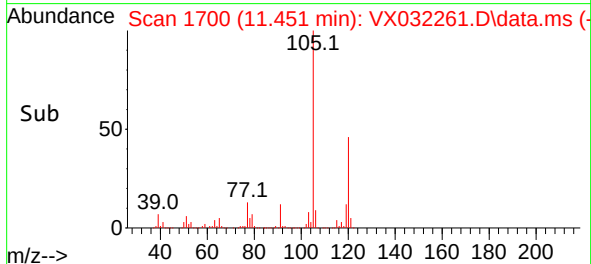
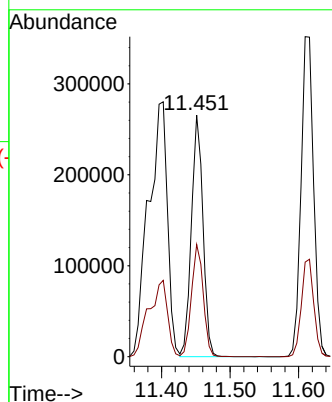
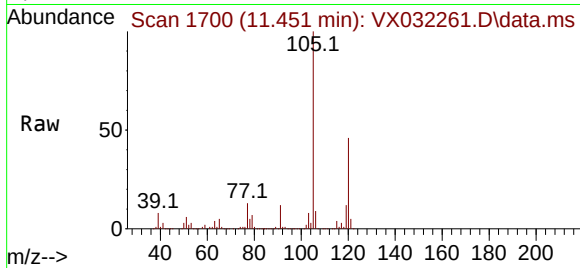




#80
 1,3,5-Trimethylbenzene
 Concen: 44.951 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX032261.D
 Acq: 20 Oct 2022 14:33

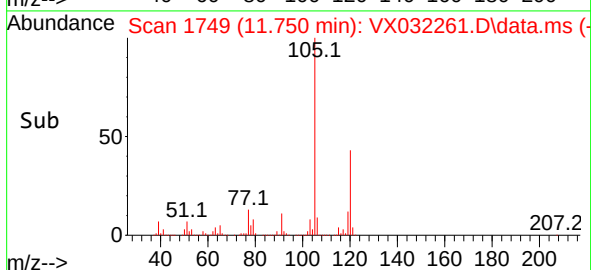
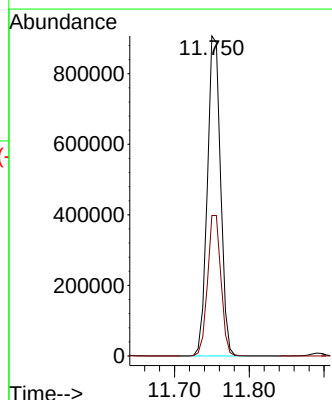
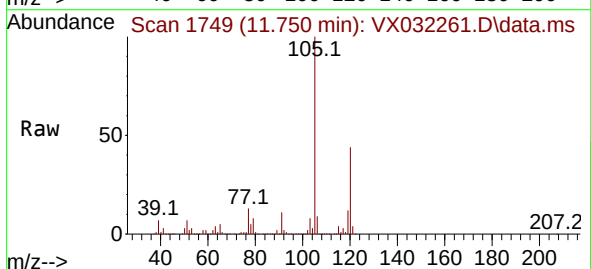
Instrument :
 MSVOA_X
 ClientSampleId :
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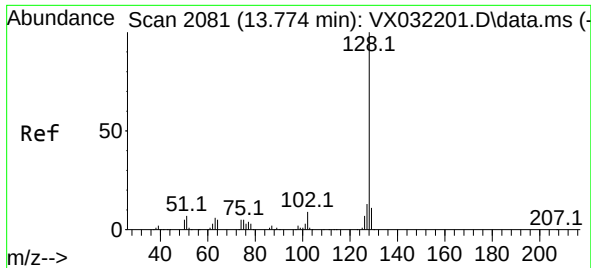
Tgt Ion:105 Resp: 312010
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.5 70.6



#84
 1,2,4-Trimethylbenzene
 Concen: 165.023 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX032261.D
 Acq: 20 Oct 2022 14:33

Tgt Ion:105 Resp: 1113646
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.1 66.1





#95
Naphthalene
Concen: 78.084 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX032261.D
Acq: 20 Oct 2022 14:33

Instrument :
MSVOA_X
ClientSampleId :
INF1022

Tgt Ion:128 Resp: 605944
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.3 8.7 13.1

