

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
 Data File : VX031503.D
 Acq On : 20 Sep 2022 18:07
 Operator : JC/MD
 Sample : N4668-06
 Misc : 5.70G/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 D22003-8

Quant Time: Sep 21 04:55:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

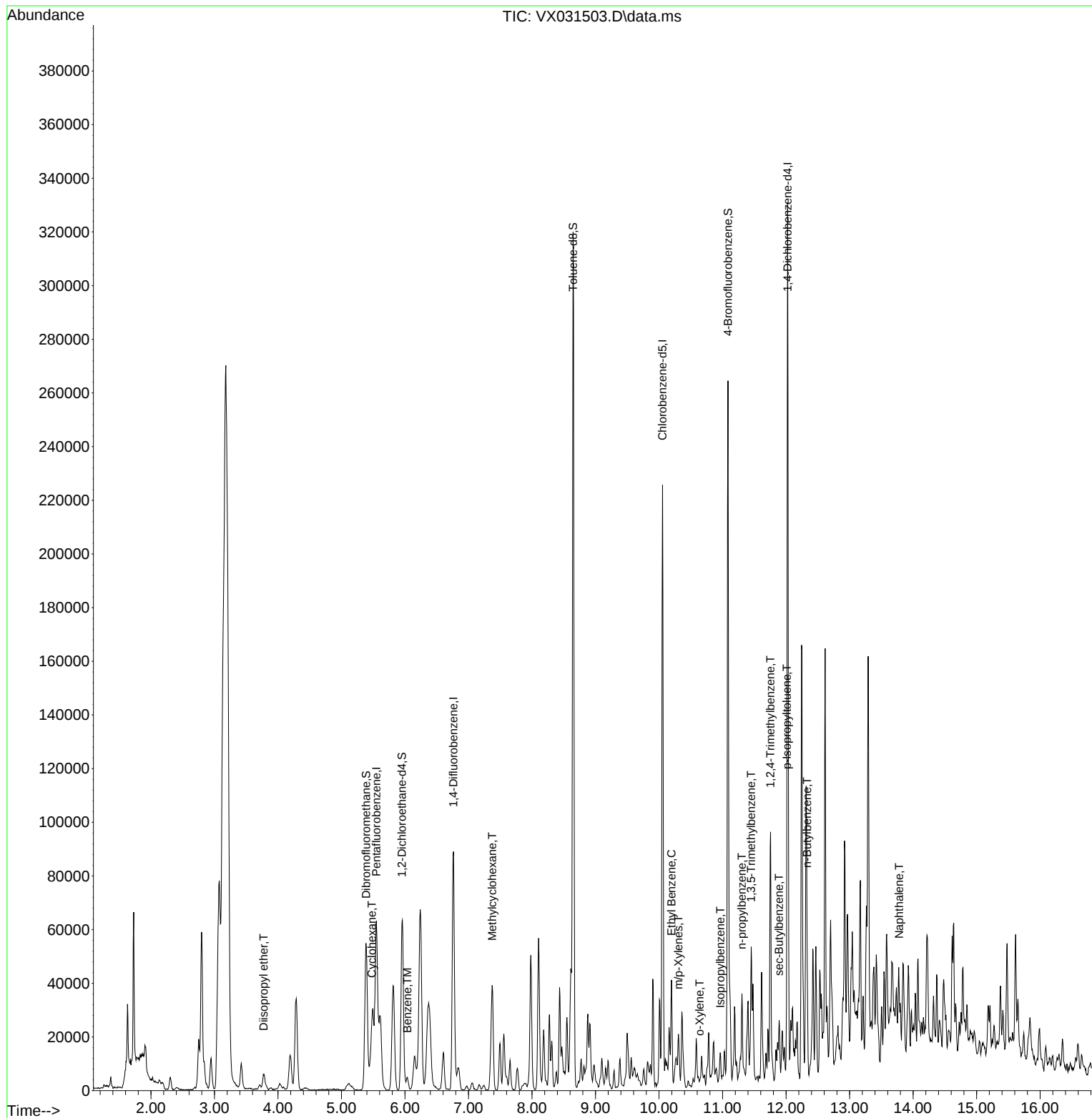
Internal Standards						
1) Pentafluorobenzene	5.550	168	58972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	91118	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	94951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57975	53.583	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.160%	
35) Dibromofluoromethane	5.385	113	45465	48.249	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.500%	
50) Toluene-d8	8.647	98	181665	50.042	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.080%	
62) 4-Bromofluorobenzene	11.085	95	54997	44.725	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.460%	
Target Compounds						
					Qvalue	
22) Diisopropyl ether	3.776	45	5874	1.812	ug/l #	78
31) Cyclohexane	5.477	56	12086	7.535	ug/l #	66
39) Methylcyclohexane	7.373	83	16478	9.247	ug/l	97
40) Benzene	6.037	78	5235	1.212	ug/l	98
67) Ethyl Benzene	10.195	91	16797	3.249	ug/l	96
68) m/p-Xylenes	10.305	106	3742	1.801	ug/l	88
69) o-Xylene	10.640	106	447	0.225	ug/l	65
73) Isopropylbenzene	10.963	105	5083	1.089	ug/l	97
78) n-propylbenzene	11.305	91	18999	3.538	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	19545	4.934	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	34977	8.966	ug/l	96
85) sec-Butylbenzene	11.890	105	6842	1.408	ug/l	98
86) p-Isopropyltoluene	12.012	119	2509	0.612	ug/l #	82
89) n-Butylbenzene	12.329	91	18350	5.250	ug/l #	42
95) Naphthalene	13.780	128	14621	3.263	ug/l #	96

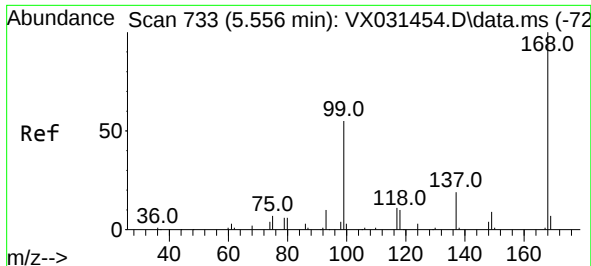
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : N4668-06
Misc : 5.70G/5mL/100uL/5.0mL/MSVOA_X/MEOH
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Instrument :
MSVOA_X
ClientSampleId :
D22003-8

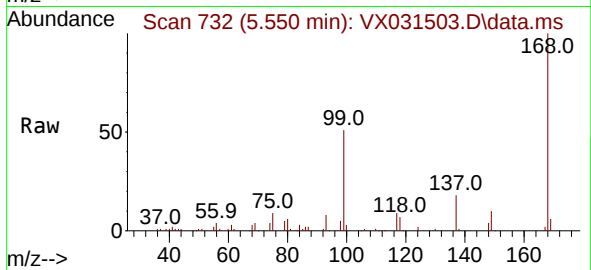
Quant Time: Sep 21 04:55:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration



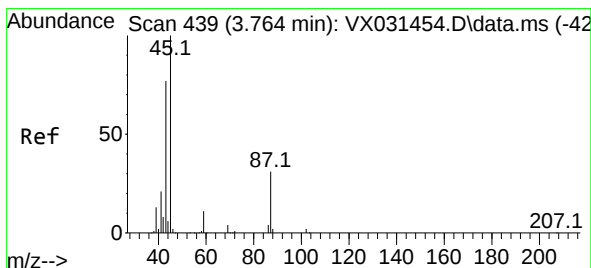
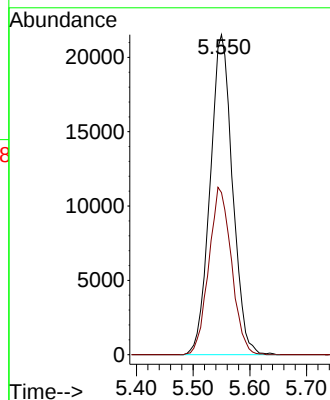
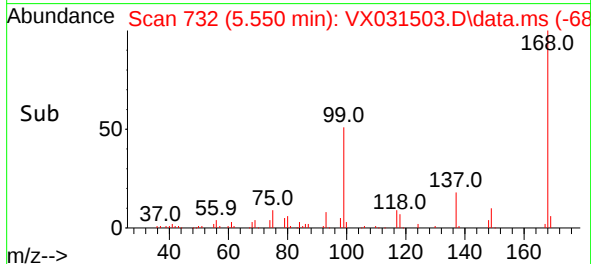


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX031503.D
Acq: 20 Sep 2022 18:07

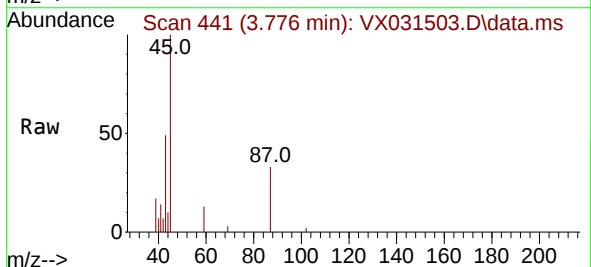
Instrument :
MSVOA_X
ClientSampleId :
D22003-8



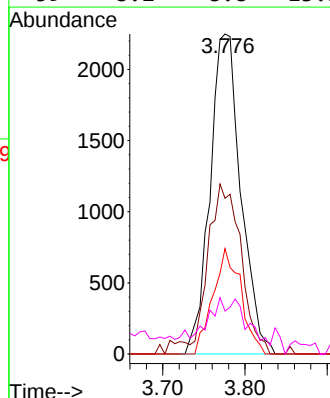
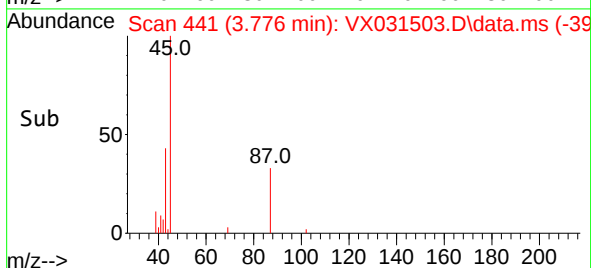
Tgt Ion:168 Resp: 58972
Ion Ratio Lower Upper
168 100
99 50.7 48.8 73.2

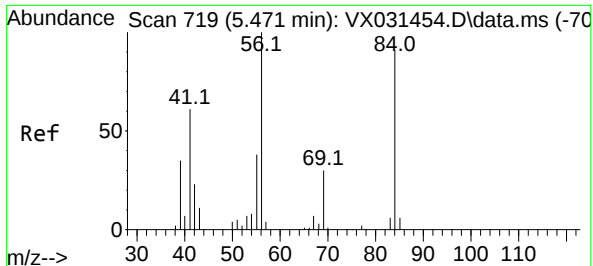


#22
Diisopropyl ether
Concen: 1.812 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.012 min
Lab File: VX031503.D
Acq: 20 Sep 2022 18:07



Tgt Ion: 45 Resp: 5874
Ion Ratio Lower Upper
45 100
43 48.6 59.0 88.6#
87 32.9 22.6 33.8
59 8.2 8.8 13.2#

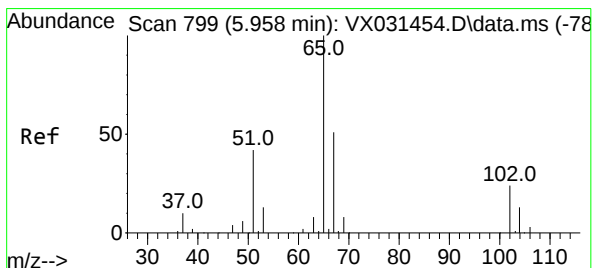
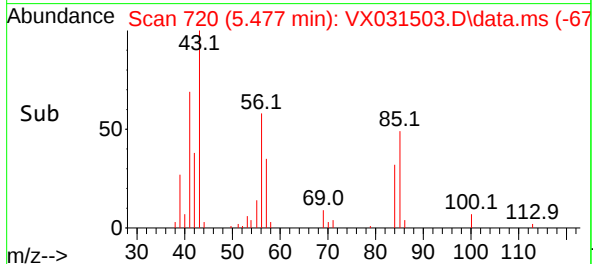
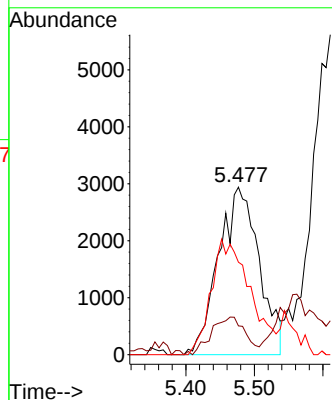
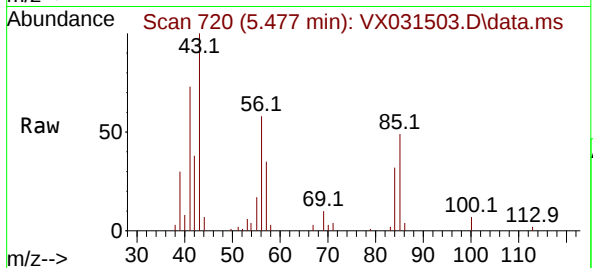




#31
Cyclohexane
Concen: 7.535 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX031503.D
Acq: 20 Sep 2022 18:07

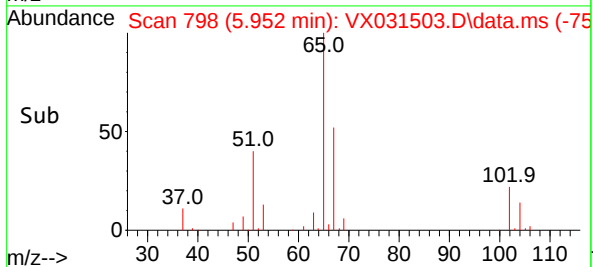
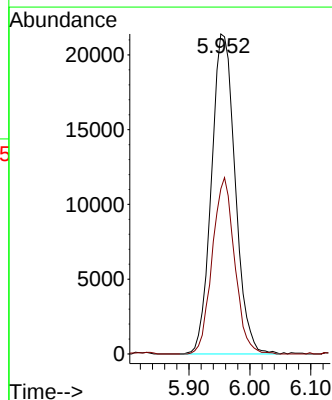
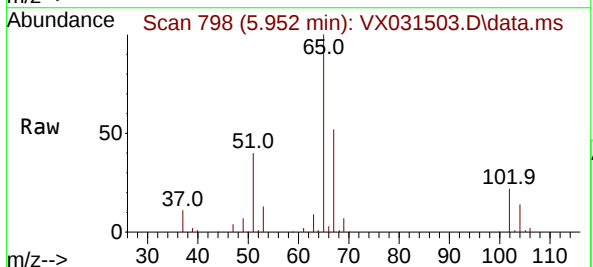
Instrument :
MSVOA_X
ClientSampleId :
D22003-8

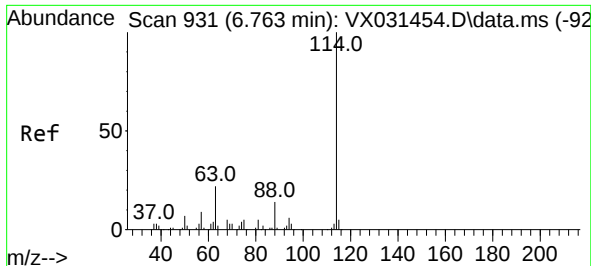
Tgt Ion: 56 Resp: 12086
Ion Ratio Lower Upper
56 100
69 14.8 25.1 37.7#
84 55.2 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 53.583 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX031503.D
Acq: 20 Sep 2022 18:07

Tgt Ion: 65 Resp: 57975
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.4

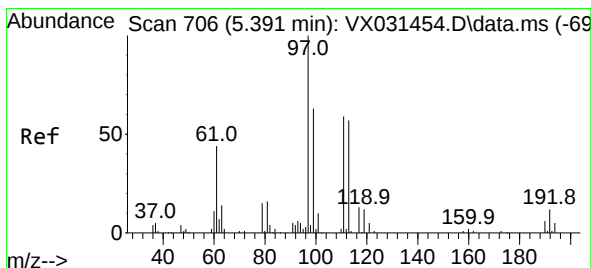
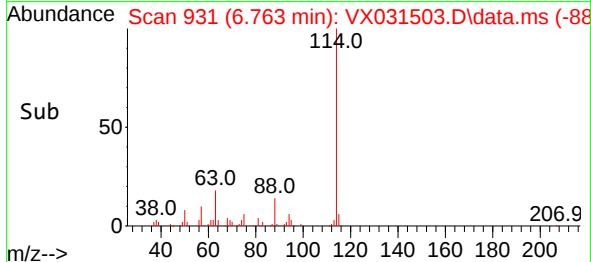
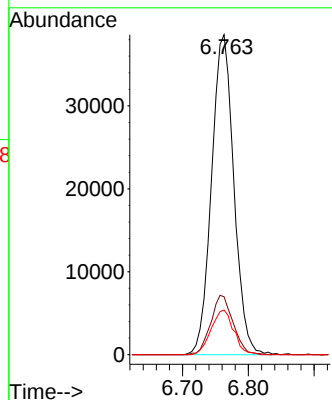
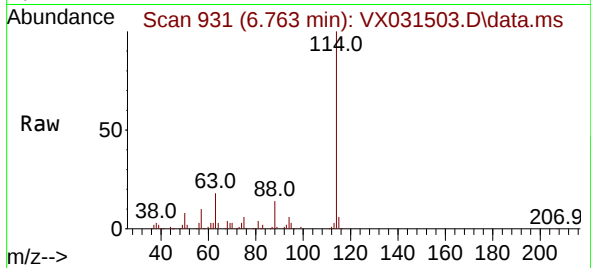




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX031503.D
Acq: 20 Sep 2022 18:07

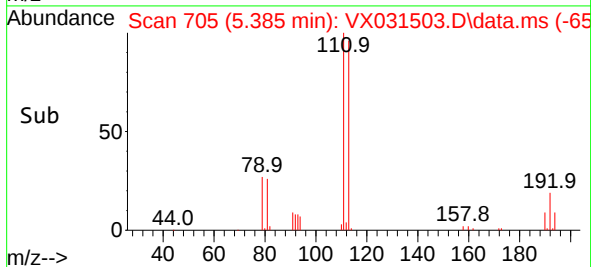
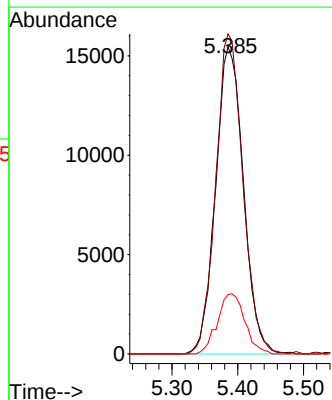
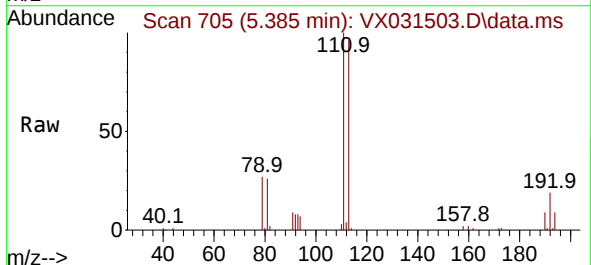
Instrument :
MSVOA_X
ClientSampleId :
D22003-8

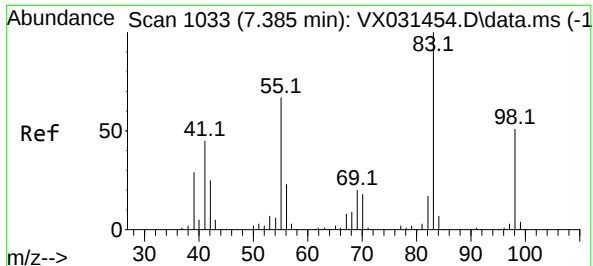
Tgt Ion:114 Resp: 91118
Ion Ratio Lower Upper
114 100
63 18.1 0.0 42.6
88 14.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.249 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031503.D
Acq: 20 Sep 2022 18:07

Tgt Ion:113 Resp: 45465
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 19.4 14.1 21.1





#39

Methylcyclohexane

Concen: 9.247 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.012 min

Lab File: VX031503.D

Acq: 20 Sep 2022 18:07

Instrument :

MSVOA_X

ClientSampleId :

D22003-8

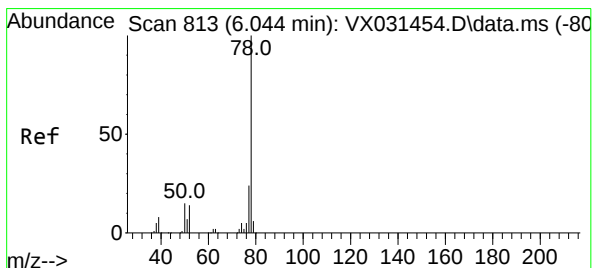
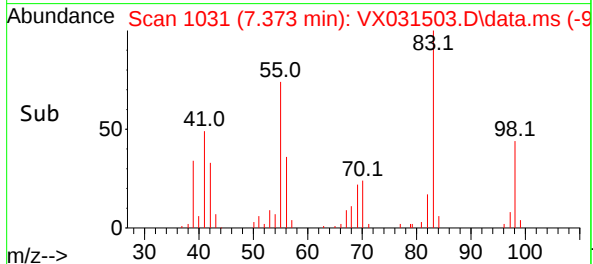
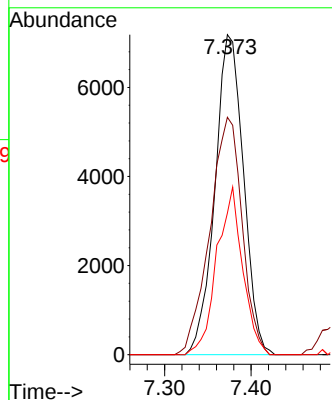
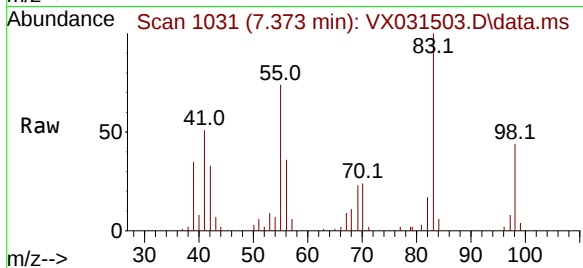
Tgt Ion: 83 Resp: 16478

Ion Ratio Lower Upper

83 100

55 74.2 61.0 91.4

98 44.2 37.7 56.5



#40

Benzene

Concen: 1.212 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.007 min

Lab File: VX031503.D

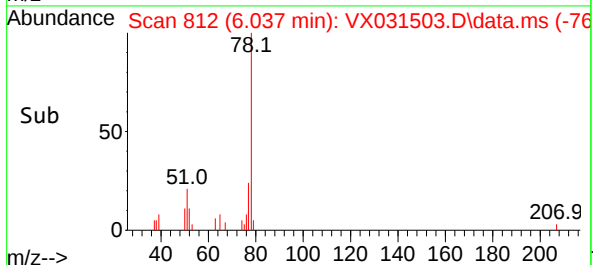
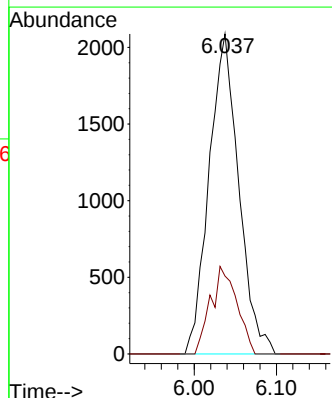
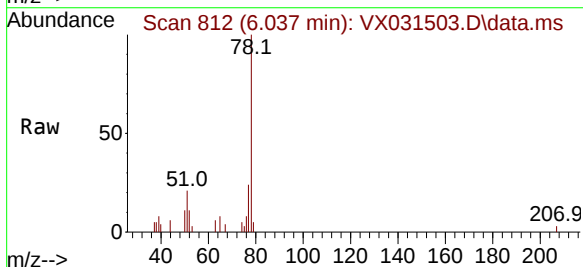
Acq: 20 Sep 2022 18:07

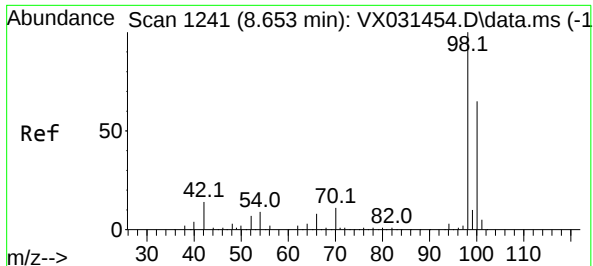
Tgt Ion: 78 Resp: 5235

Ion Ratio Lower Upper

78 100

77 24.3 18.7 28.1

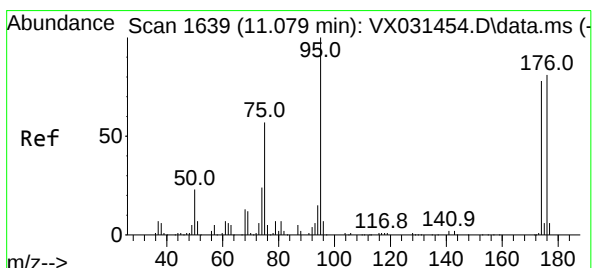
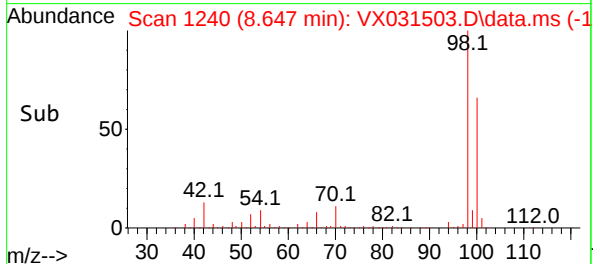
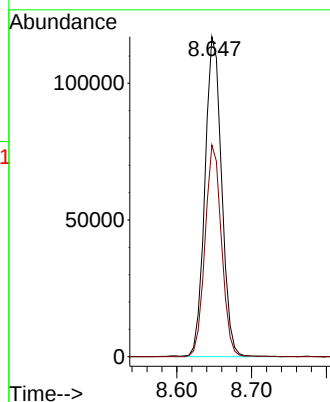
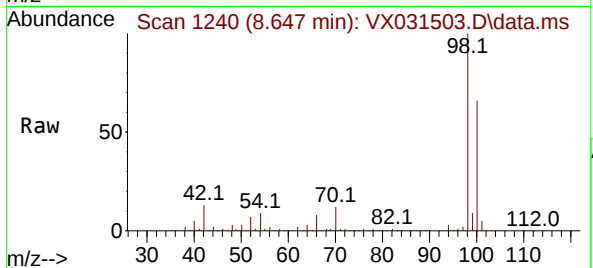




#50
Toluene-d8
Concen: 50.042 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031503.D
Acq: 20 Sep 2022 18:07

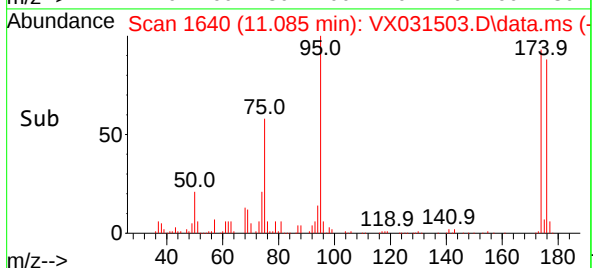
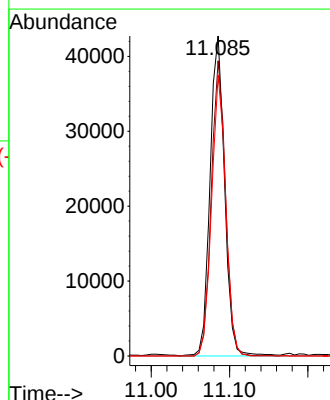
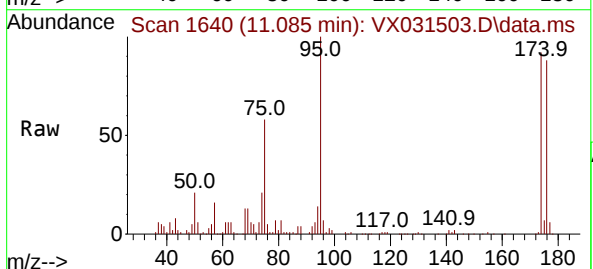
Instrument :
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D22003-8

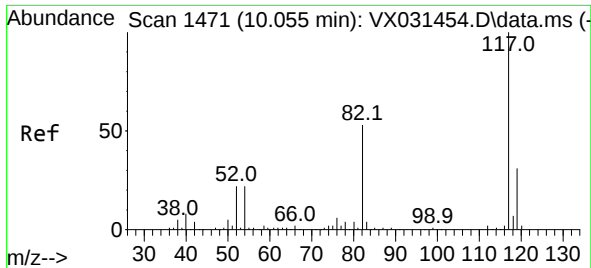
Tgt Ion: 98 Resp: 181665
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 44.725 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031503.D
Acq: 20 Sep 2022 18:07

Tgt Ion: 95 Resp: 54997
Ion Ratio Lower Upper
95 100
174 90.0 0.0 153.2
176 85.4 0.0 144.0

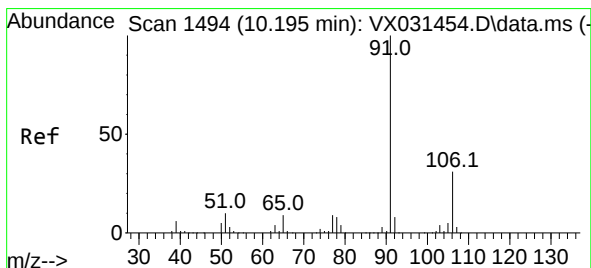
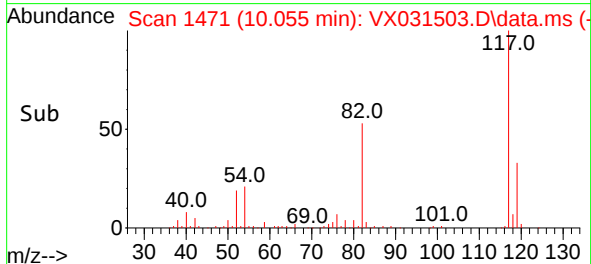
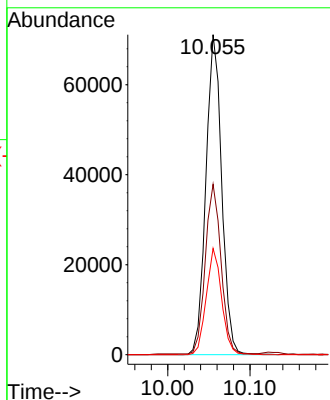
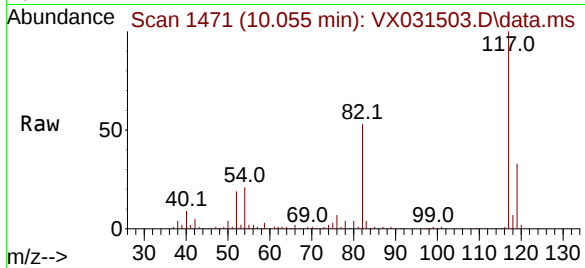




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031503.D
Acq: 20 Sep 2022 18:07

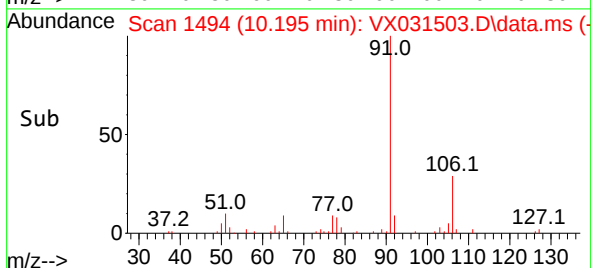
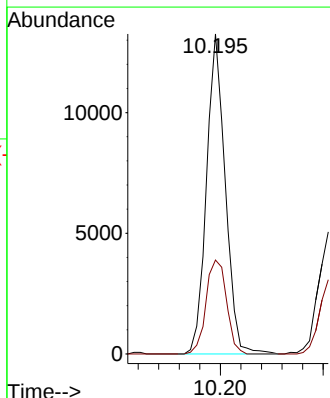
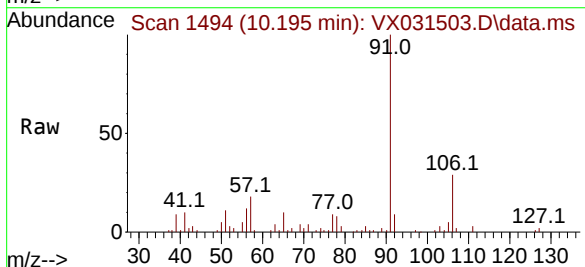
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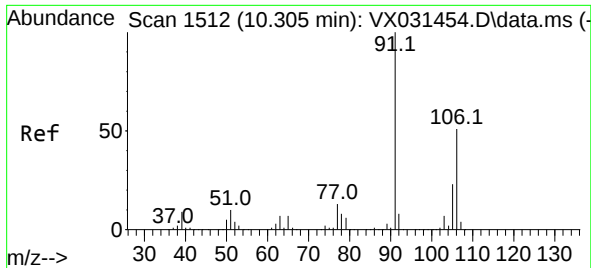
Tgt Ion:117 Resp: 94951
Ion Ratio Lower Upper
117 100
82 53.0 46.8 70.2
119 33.2 26.4 39.6



#67
Ethyl Benzene
Concen: 3.249 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031503.D
Acq: 20 Sep 2022 18:07

Tgt Ion: 91 Resp: 16797
Ion Ratio Lower Upper
91 100
106 29.4 25.2 37.8

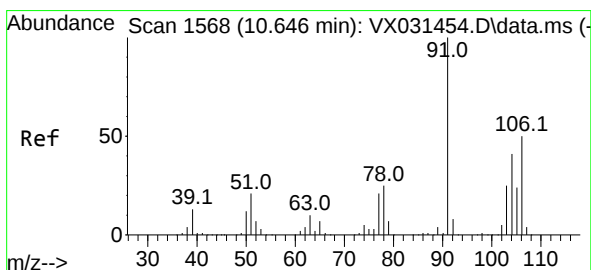
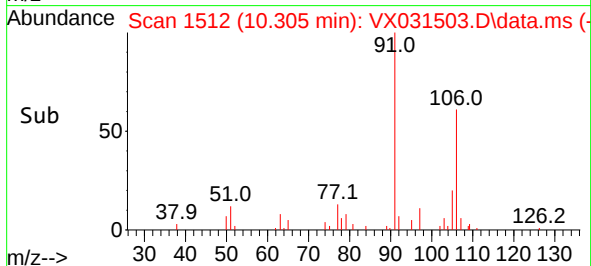
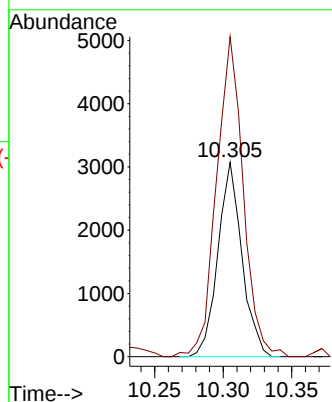
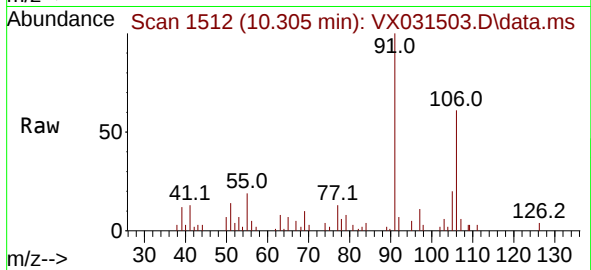




#68
m/p-Xylenes
Concen: 1.801 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031503.D
Acq: 20 Sep 2022 18:07

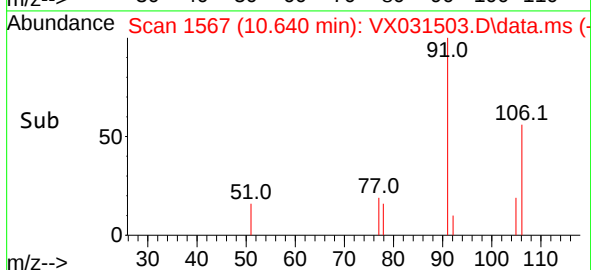
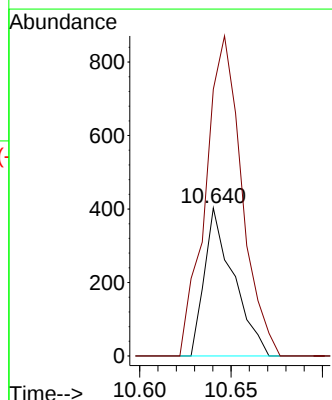
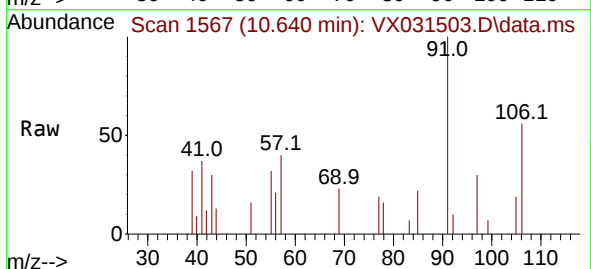
Instrument :
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D22003-8

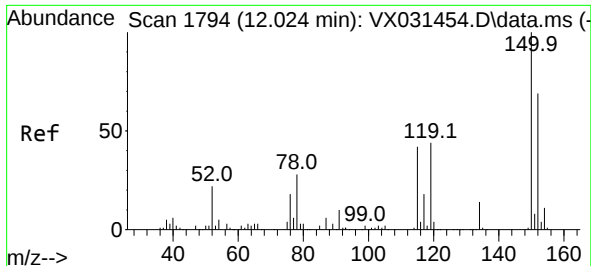
Tgt Ion:106 Resp: 3742
Ion Ratio Lower Upper
106 100
91 183.1 161.0 241.4



#69
o-Xylene
Concen: 0.225 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031503.D
Acq: 20 Sep 2022 18:07

Tgt Ion:106 Resp: 447
Ion Ratio Lower Upper
106 100
91 269.4 107.2 321.6

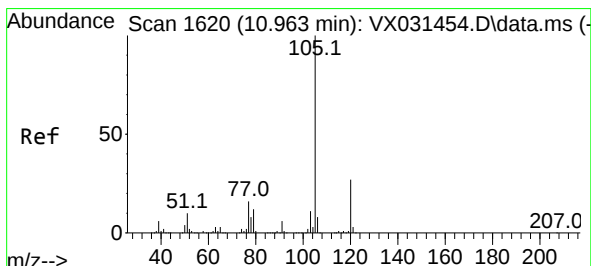
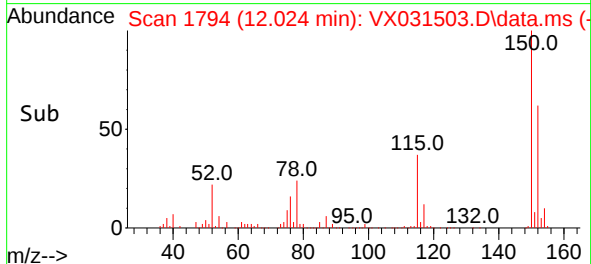
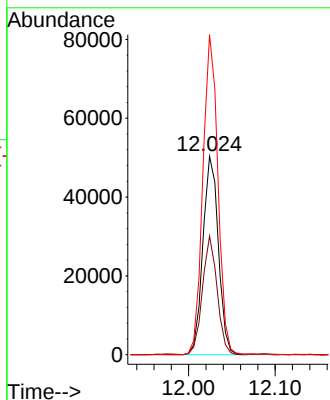
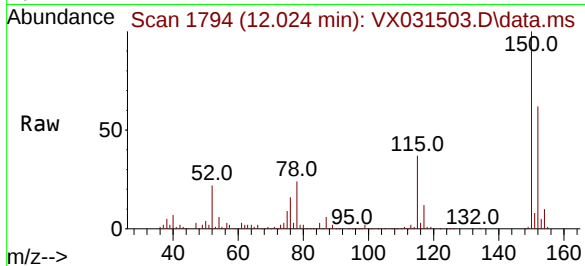




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031503.D
Acq: 20 Sep 2022 18:07

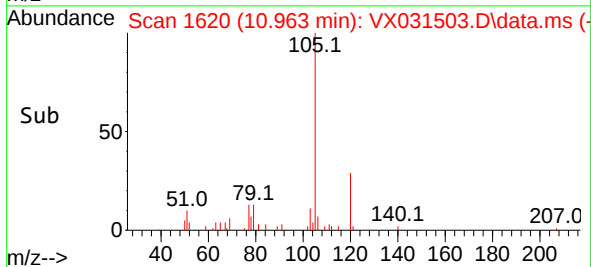
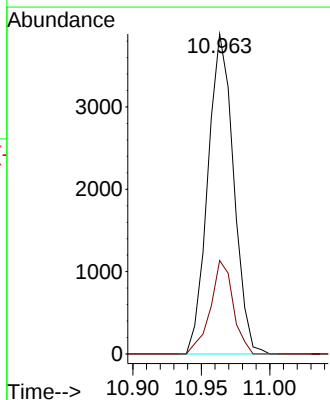
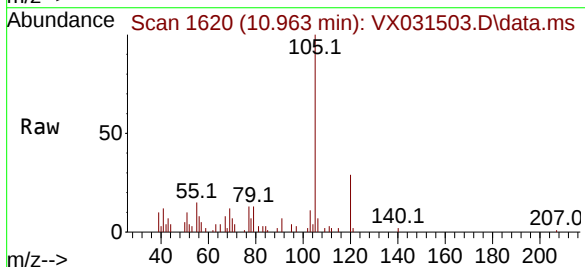
Instrument :
MSVOA_X
ClientSampleId :
D22003-8

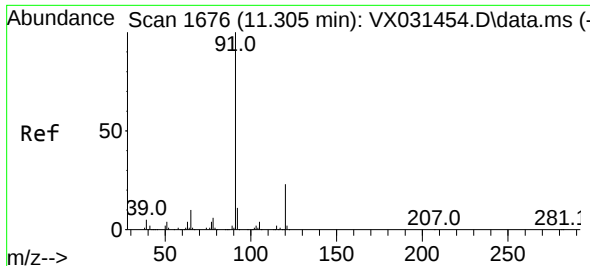
Tgt Ion:152 Resp: 62507
Ion Ratio Lower Upper
152 100
115 56.7 43.4 130.1
150 156.8 0.0 346.8



#73
Isopropylbenzene
Concen: 1.089 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031503.D
Acq: 20 Sep 2022 18:07

Tgt Ion:105 Resp: 5083
Ion Ratio Lower Upper
105 100
120 25.7 13.7 41.0

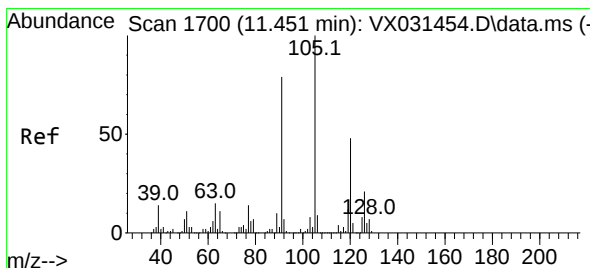
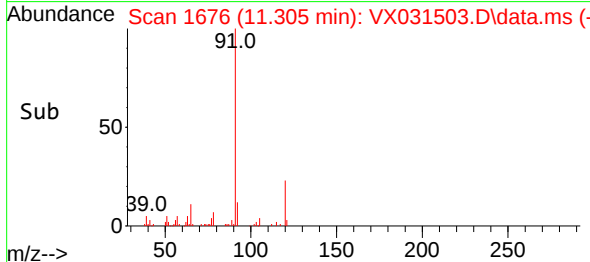
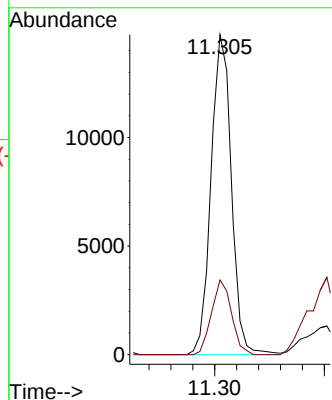
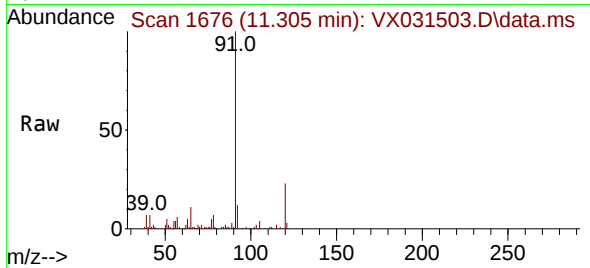




#78
n-propylbenzene
Concen: 3.538 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031503.D
Acq: 20 Sep 2022 18:07

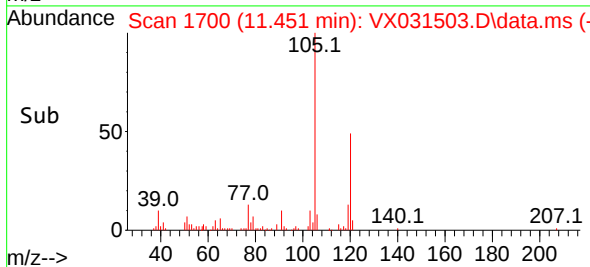
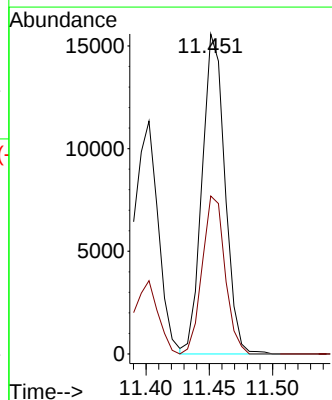
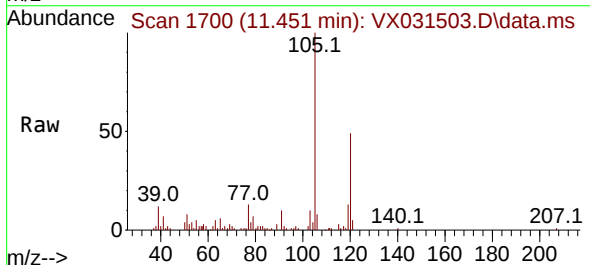
Instrument :
MSVOA_X
ClientSampleId :
D22003-8

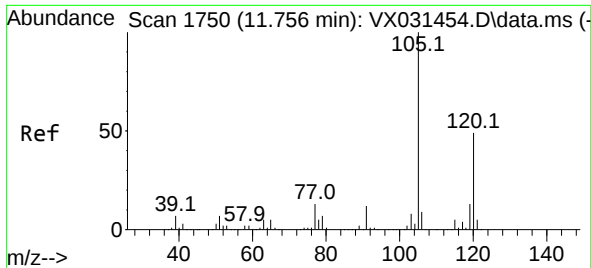
Tgt Ion: 91 Resp: 18999
Ion Ratio Lower Upper
91 100
120 23.0 11.8 35.4



#80
1,3,5-Trimethylbenzene
Concen: 4.934 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031503.D
Acq: 20 Sep 2022 18:07

Tgt Ion: 105 Resp: 19545
Ion Ratio Lower Upper
105 100
120 49.5 24.5 73.5

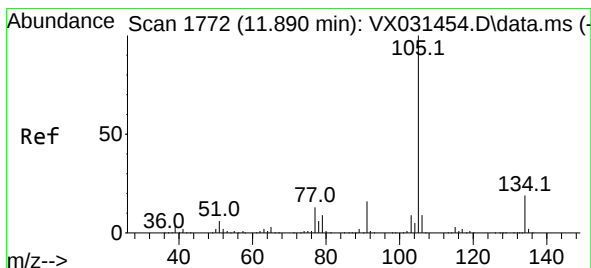
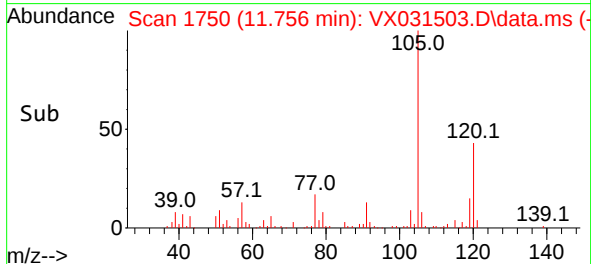
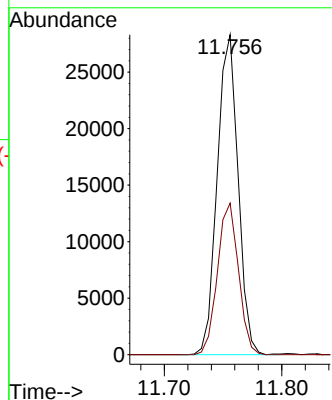
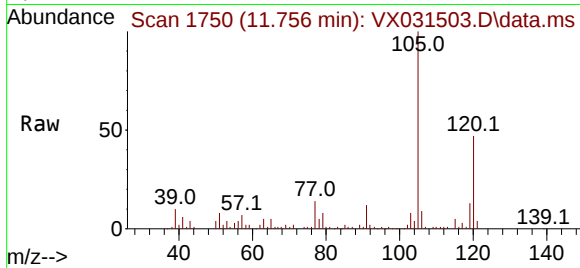




#84
1,2,4-Trimethylbenzene
Concen: 8.966 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX031503.D
Acq: 20 Sep 2022 18:07

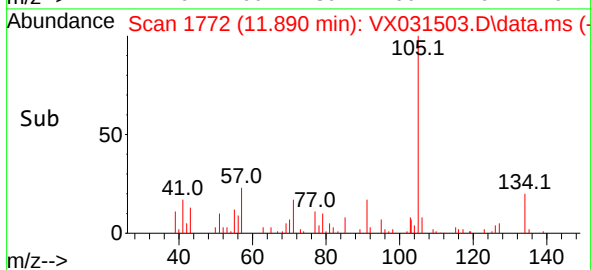
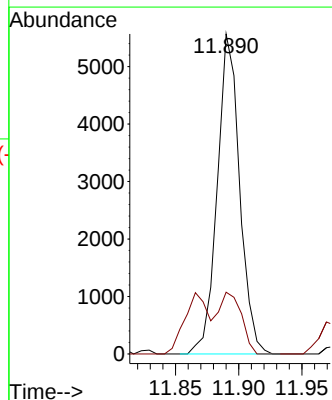
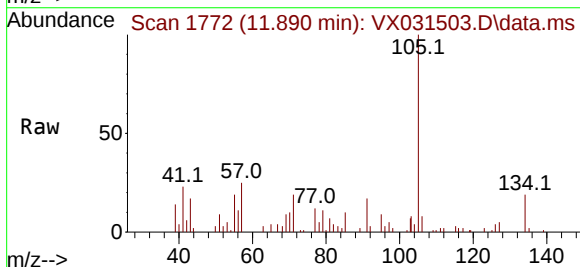
Instrument :
MSVOA_X
ClientSampleId :
D22003-8

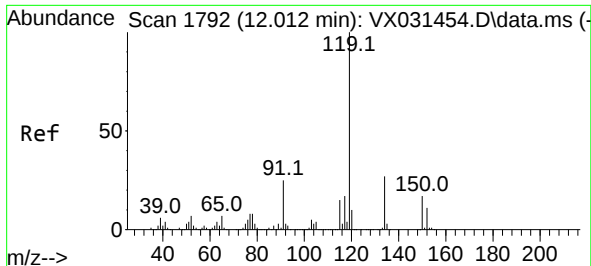
Tgt Ion:105 Resp: 34977
Ion Ratio Lower Upper
105 100
120 47.6 22.6 67.8



#85
sec-Butylbenzene
Concen: 1.408 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX031503.D
Acq: 20 Sep 2022 18:07

Tgt Ion:105 Resp: 6842
Ion Ratio Lower Upper
105 100
134 19.6 10.4 31.1

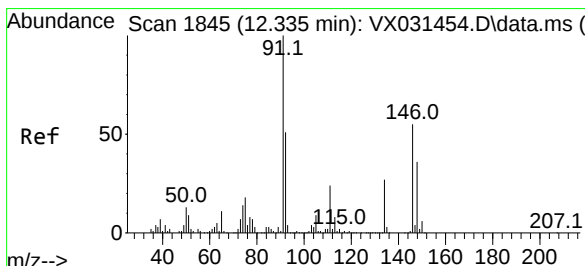
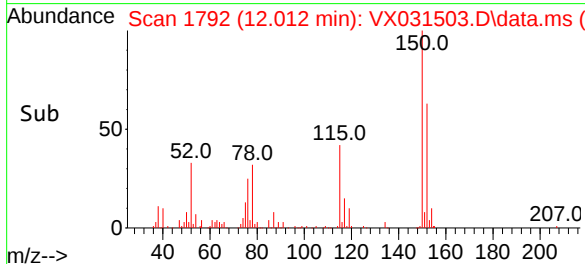
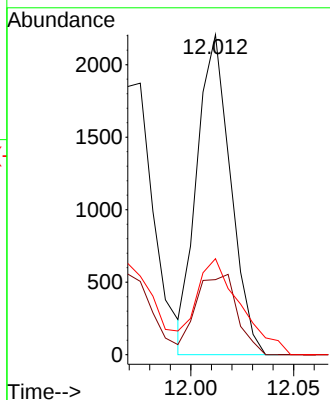
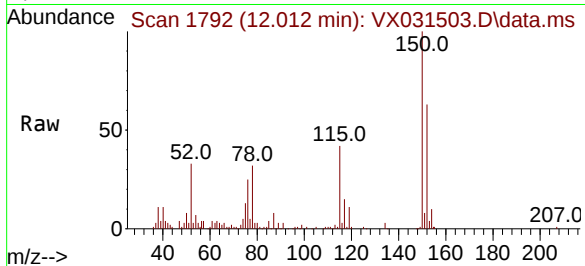




#86
p-Isopropyltoluene
Concen: 0.612 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX031503.D
Acq: 20 Sep 2022 18:07

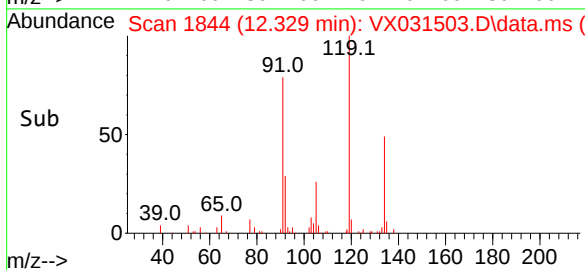
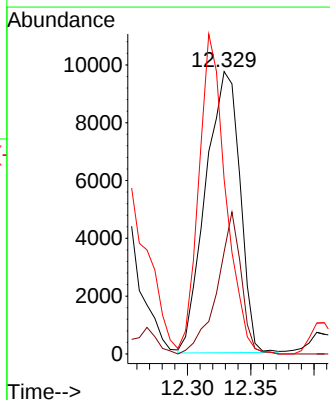
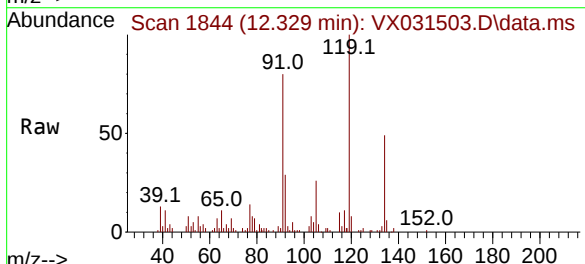
Instrument :
MSVOA_X
ClientSampleId :
D22003-8

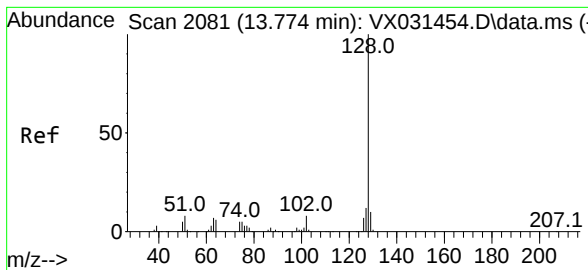
Tgt Ion: 119 Resp: 2509
Ion Ratio Lower Upper
119 100
134 30.6 13.4 40.2
91 39.5 12.4 37.2#



#89
n-Butylbenzene
Concen: 5.250 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX031503.D
Acq: 20 Sep 2022 18:07

Tgt Ion: 91 Resp: 18350
Ion Ratio Lower Upper
91 100
92 35.2 27.0 81.0
134 89.0 13.3 39.9#





#95
Naphthalene
Concen: 3.263 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX031503.D
Acq: 20 Sep 2022 18:07

Instrument :
MSVOA_X
ClientSampleId :
D22003-8

Tgt Ion:	128	Resp:	14621
Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.4	15.6#
129	10.8	8.8	13.2

