

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
 Data File : VX024266.D
 Acq On : 15 Sep 2021 17:24
 Operator : JC/MD
 Sample : M3724-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33132

Quant Time: Sep 16 04:46:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

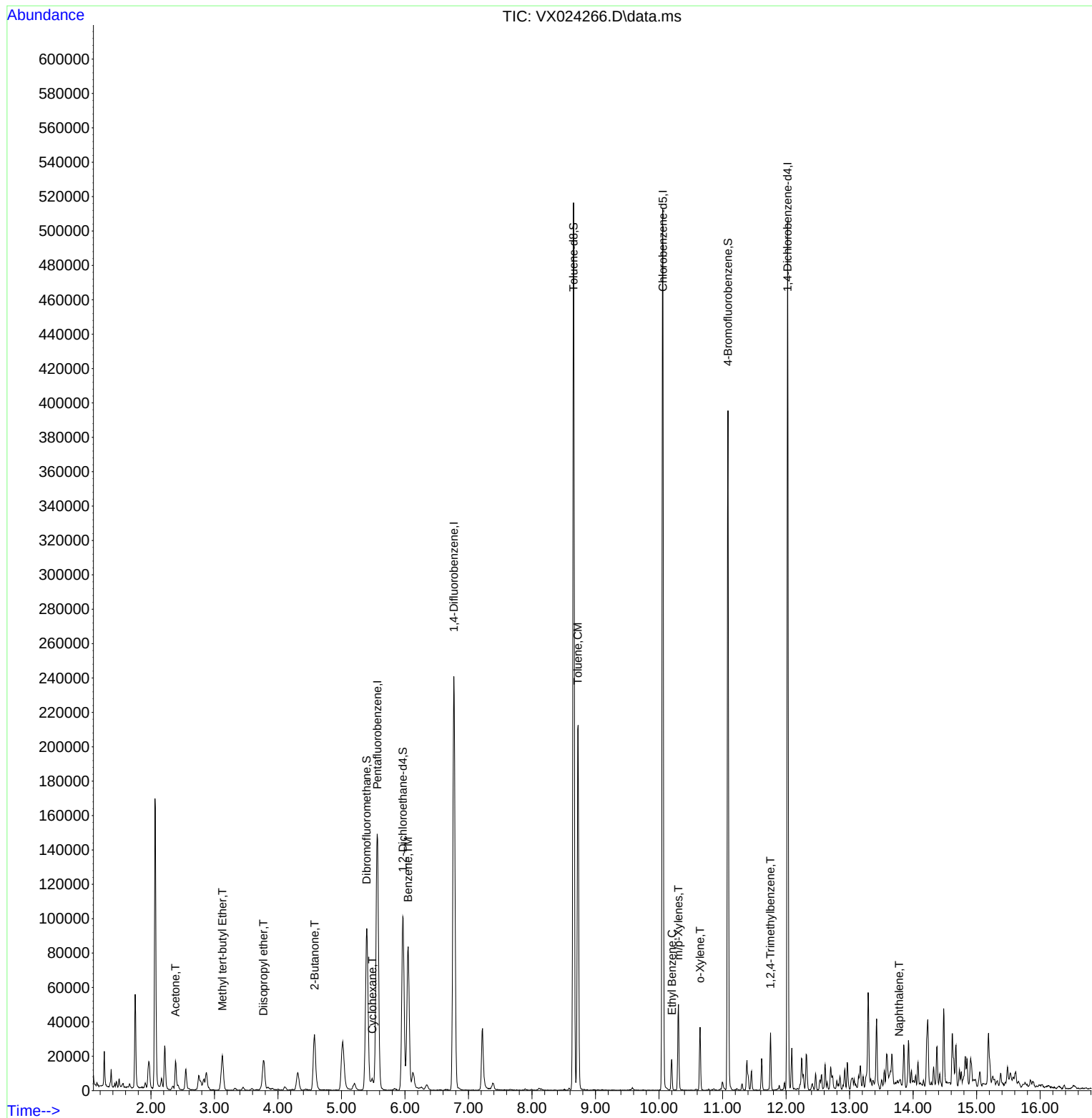
Internal Standards						
1) Pentafluorobenzene	5.562	168	140801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	241053	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	232526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103426	51.513	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.020%	
35) Dibromofluoromethane	5.397	113	79558	49.213	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.420%	
50) Toluene-d8	8.653	98	297220	50.468	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.940%	
62) 4-Bromofluorobenzene	11.085	95	98284	42.883	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 85.760%	
Target Compounds						Qvalue
16) Acetone	2.386	43	17561	20.513	ug/l #	82
19) Methyl tert-butyl Ether	3.123	73	18468	3.871	ug/l #	75
22) Diisopropyl ether	3.770	45	18156	3.918	ug/l #	83
25) 2-Butanone	4.574	43	56170	44.546	ug/l	93
31) Cyclohexane	5.483	56	3976	1.693	ug/l	84
40) Benzene	6.050	78	96482	15.179	ug/l	98
52) Toluene	8.720	92	79570	19.099	ug/l	97
67) Ethyl Benzene	10.201	91	9922	1.186	ug/l	98
68) m/p-Xylenes	10.305	106	10894	3.400	ug/l	98
69) o-Xylene	10.646	106	7323	2.290	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	12939	2.139	ug/l	99
95) Naphthalene	13.780	128	2257	1.601	ug/l #	89

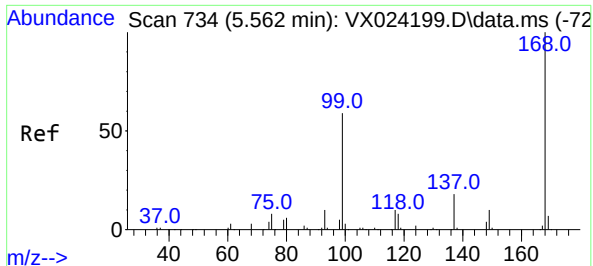
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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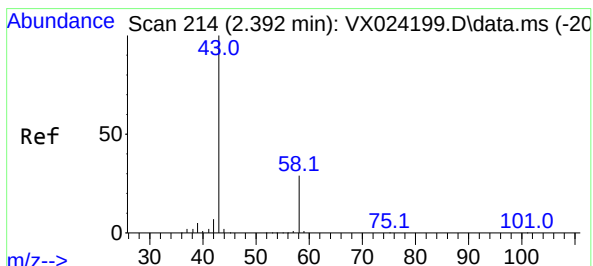
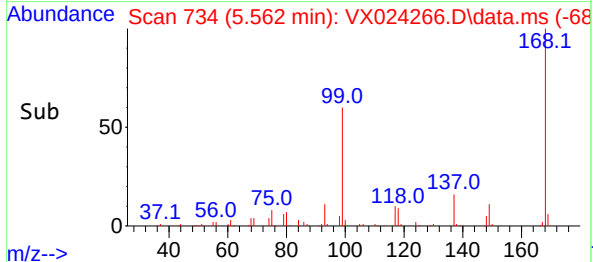
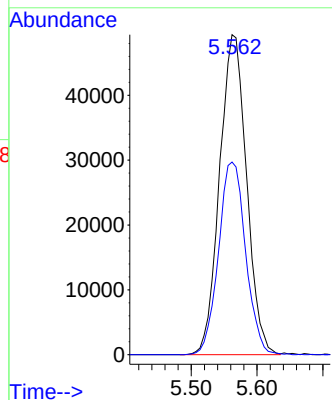
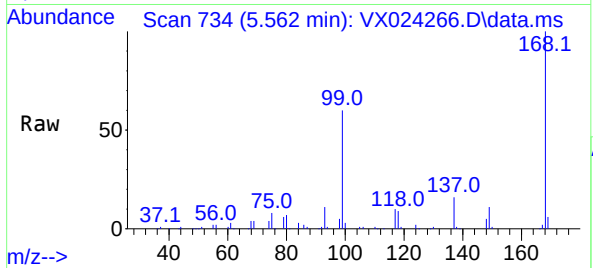




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024266.D
Acq: 15 Sep 2021 17:24

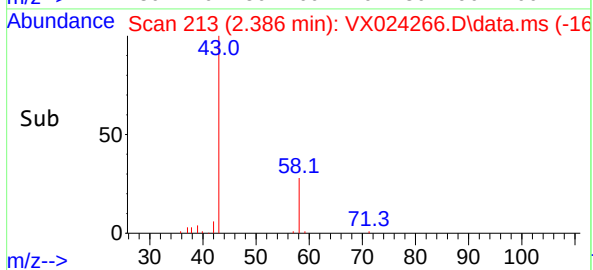
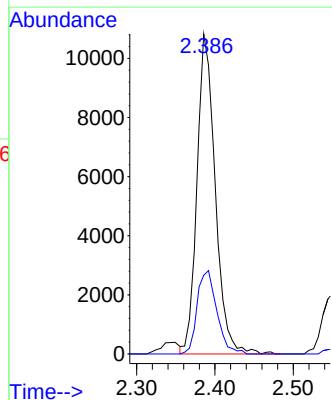
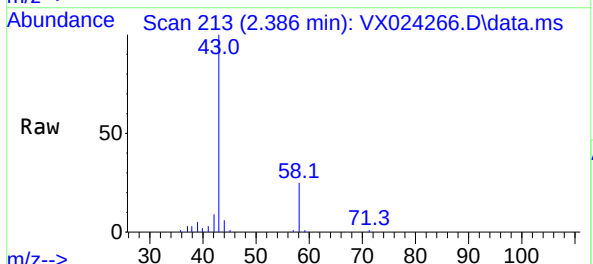
Instrument :
MSVOA_X
ClientSampleId :
33132

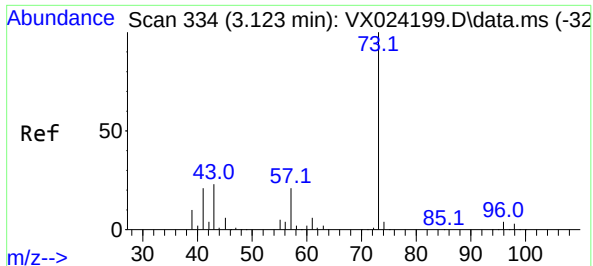
Tgt Ion:168 Resp: 140801
Ion Ratio Lower Upper
168 100
99 60.2 45.8 68.6



#16
Acetone
Concen: 20.513 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024266.D
Acq: 15 Sep 2021 17:24

Tgt Ion: 43 Resp: 17561
Ion Ratio Lower Upper
43 100
58 24.6 27.8 41.8#

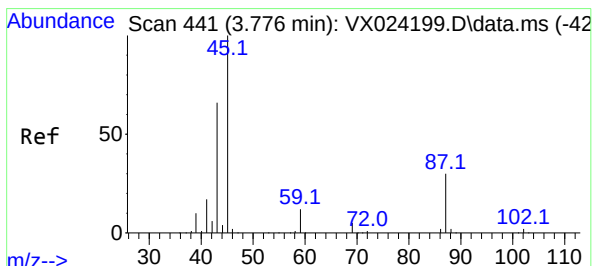
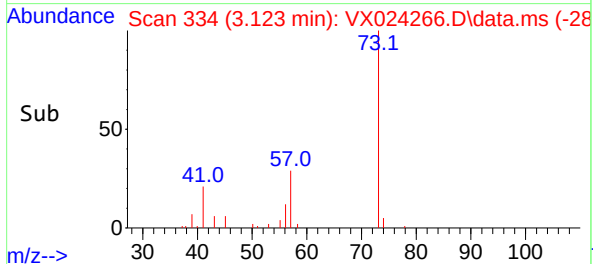
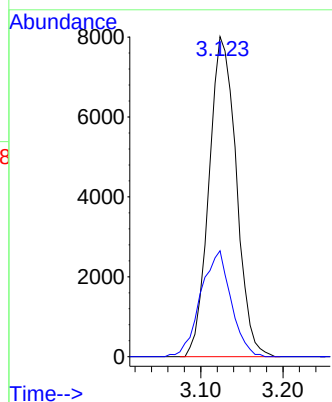
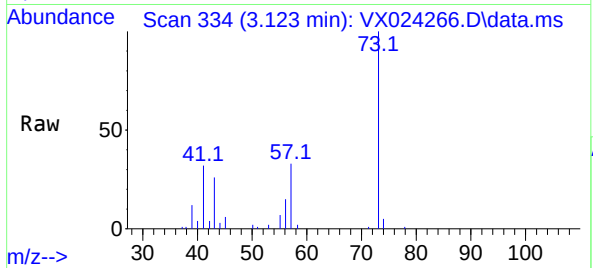




#19
Methyl tert-butyl Ether
Concen: 3.871 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX024266.D
Acq: 15 Sep 2021 17:24

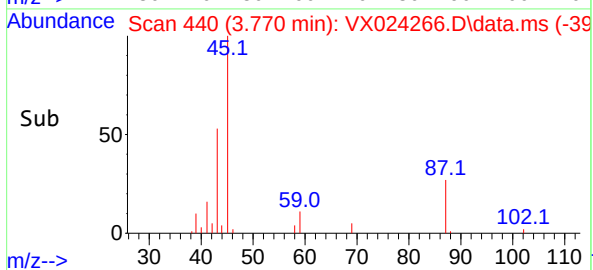
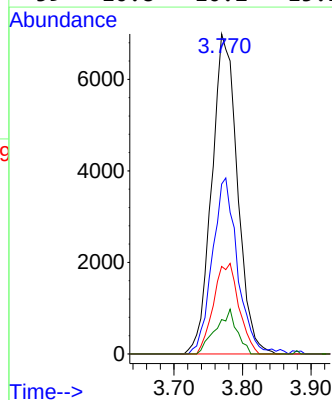
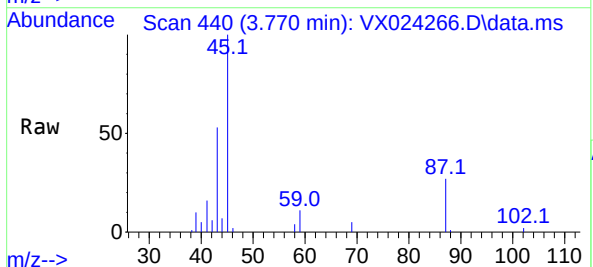
Instrument :
MSVOA_X
ClientSampled :
33132

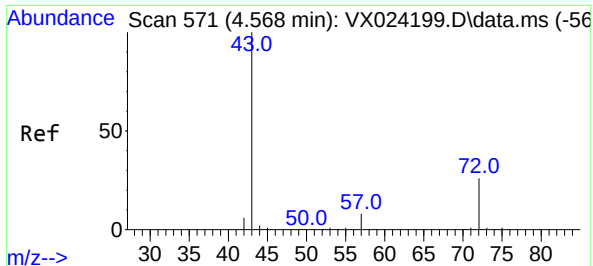
Tgt Ion: 73 Resp: 18468
Ion Ratio Lower Upper
73 100
57 33.1 17.1 25.7#



#22
Diisopropyl ether
Concen: 3.918 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX024266.D
Acq: 15 Sep 2021 17:24

Tgt Ion: 45 Resp: 18156
Ion Ratio Lower Upper
45 100
43 53.1 58.0 87.0#
87 27.3 25.4 38.0
59 10.8 10.2 15.2

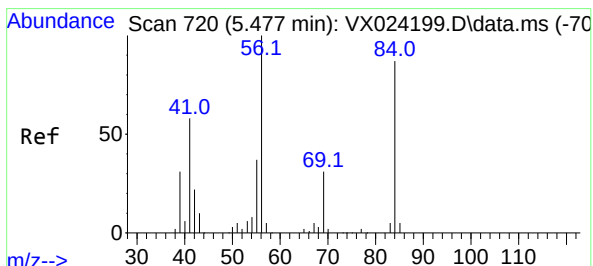
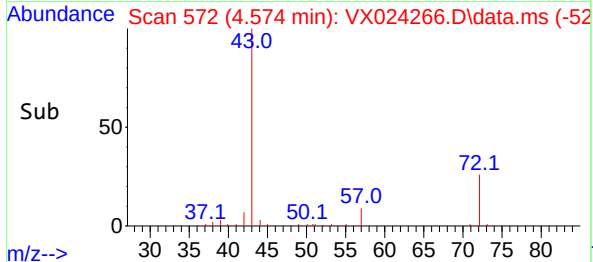
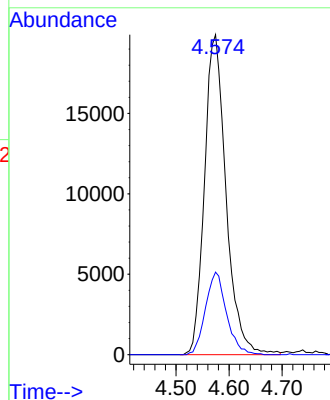
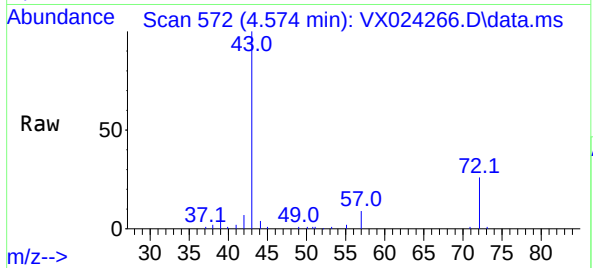




#25
2-Butanone
Concen: 44.546 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX024266.D
Acq: 15 Sep 2021 17:24

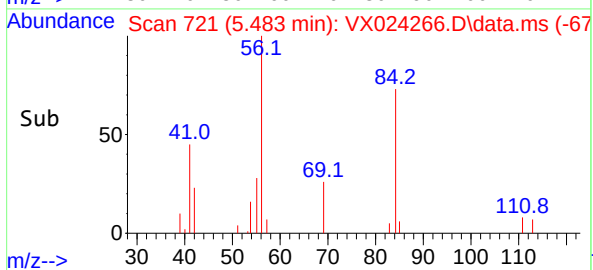
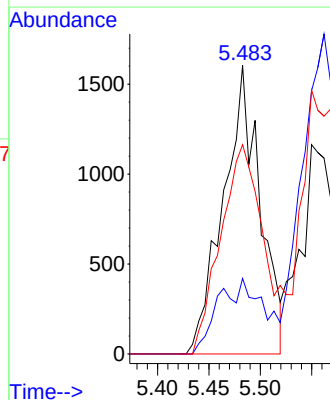
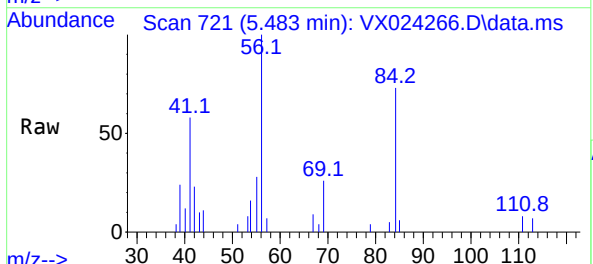
Instrument :
MSVOA_X
ClientSampled :
33132

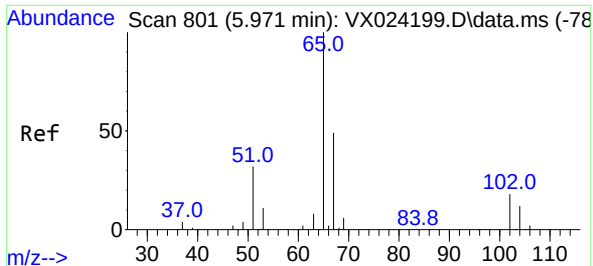
Tgt Ion: 43 Resp: 56170
Ion Ratio Lower Upper
43 100
72 25.8 23.7 35.5



#31
Cyclohexane
Concen: 1.693 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX024266.D
Acq: 15 Sep 2021 17:24

Tgt Ion: 56 Resp: 3976
Ion Ratio Lower Upper
56 100
69 26.2 25.3 37.9
84 72.5 71.4 107.0



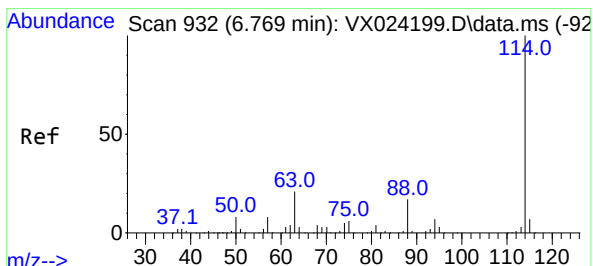
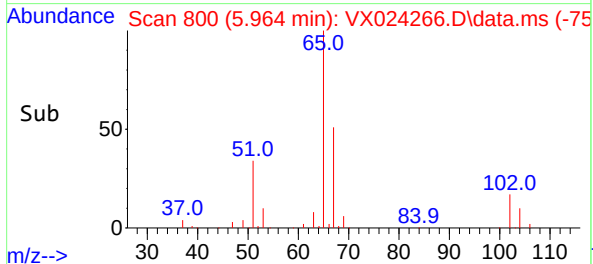
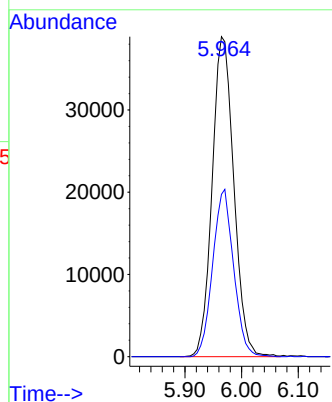
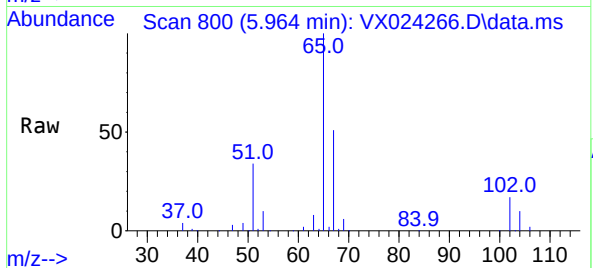


#33

1,2-Dichloroethane-d4
Concen: 51.513 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024266.D
Acq: 15 Sep 2021 17:24

Instrument :
MSVOA_X
ClientSampled :
33132

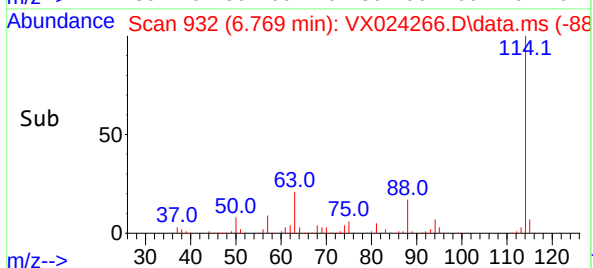
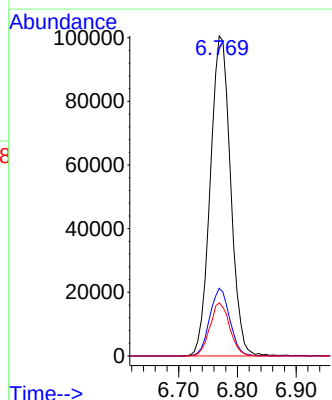
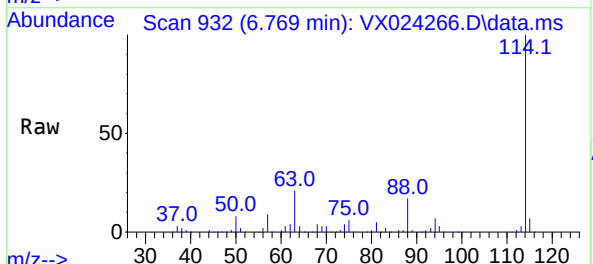
Tgt Ion: 65 Resp: 103426
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

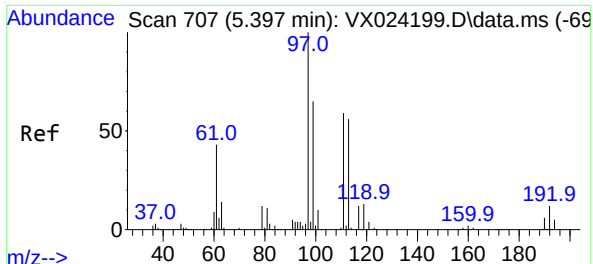


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024266.D
Acq: 15 Sep 2021 17:24

Tgt Ion: 114 Resp: 241053
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.6 0.0 32.8

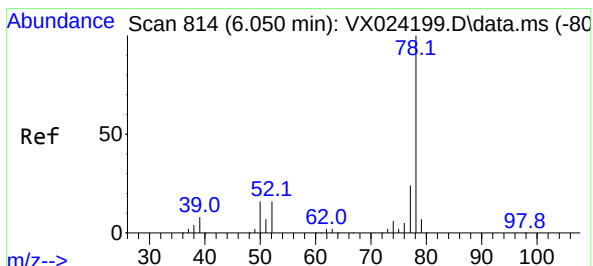
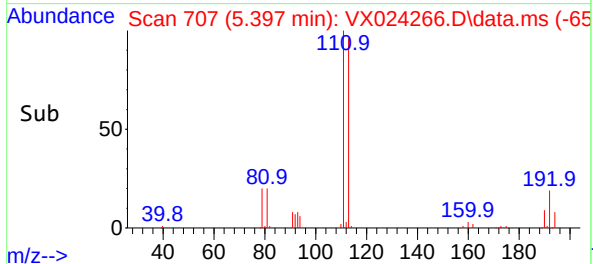
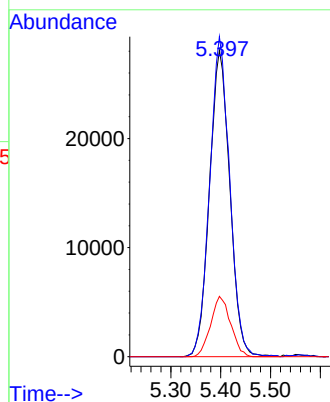
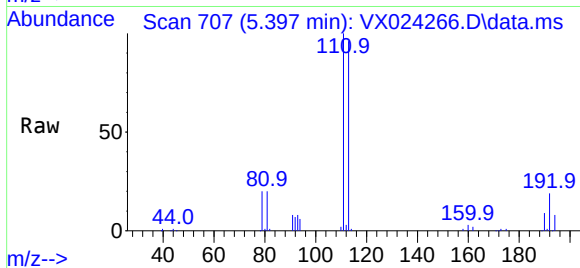




#35
Dibromofluoromethane
Concen: 49.213 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024266.D
Acq: 15 Sep 2021 17:24

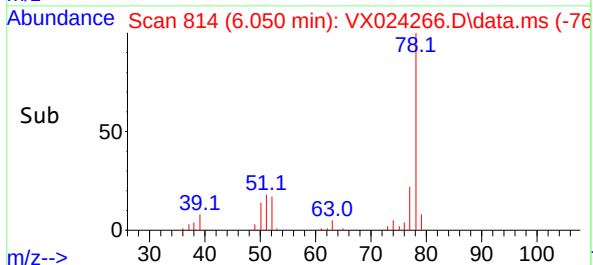
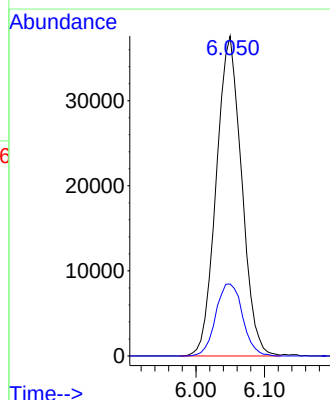
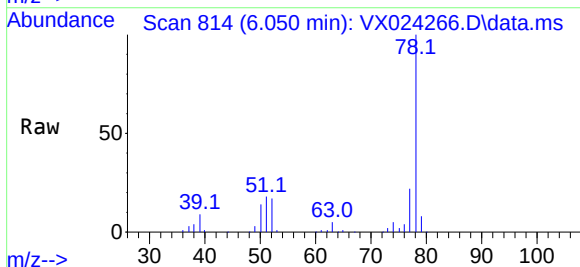
Instrument :
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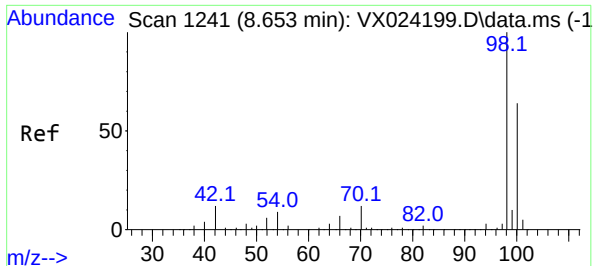
Tgt Ion:	113	Resp:	79558
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	19.3	16.7	25.1



#40
Benzene
Concen: 15.179 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX024266.D
Acq: 15 Sep 2021 17:24

Tgt Ion:	78	Resp:	96482
Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.9	28.3

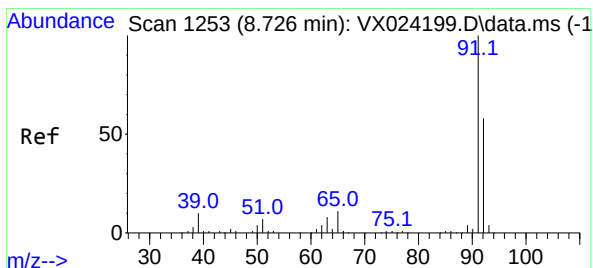
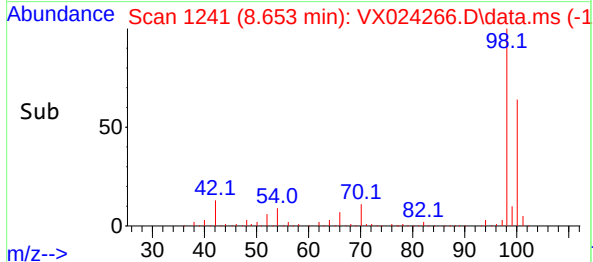
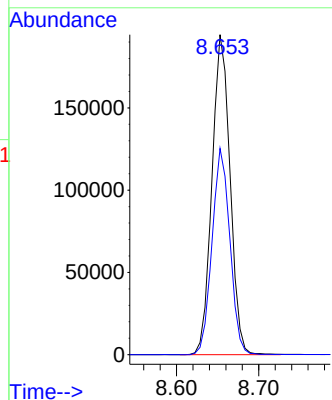
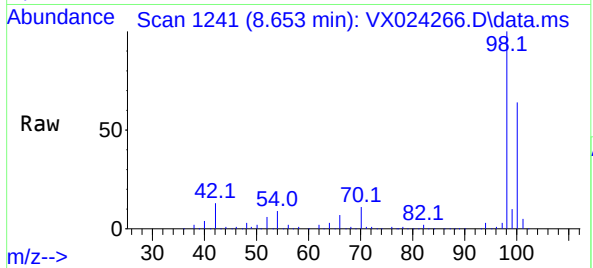




#50
Toluene-d8
Concen: 50.468 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024266.D
Acq: 15 Sep 2021 17:24

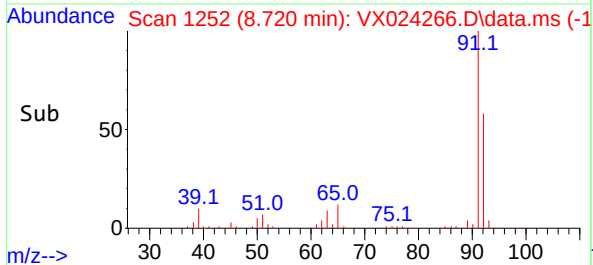
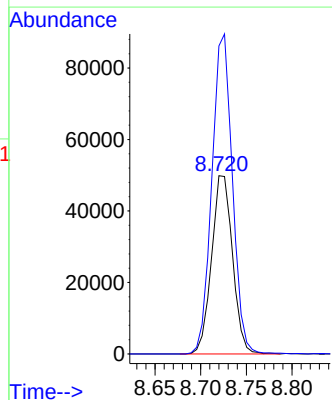
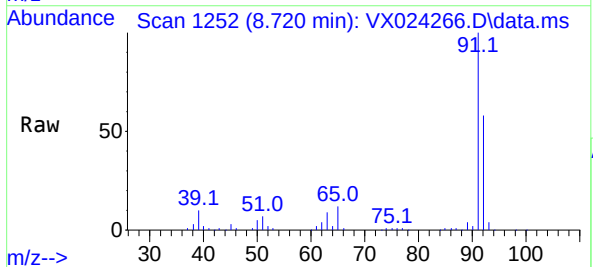
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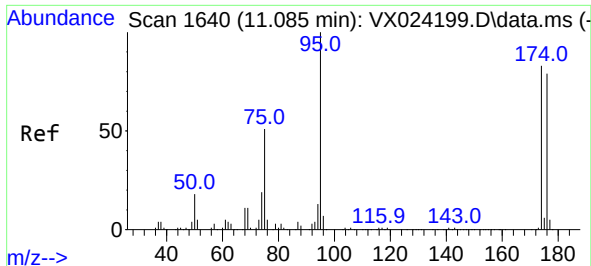
Tgt Ion: 98 Resp: 297220
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#52
Toluene
Concen: 19.099 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX024266.D
Acq: 15 Sep 2021 17:24

Tgt Ion: 92 Resp: 79570
Ion Ratio Lower Upper
92 100
91 175.6 137.1 205.7

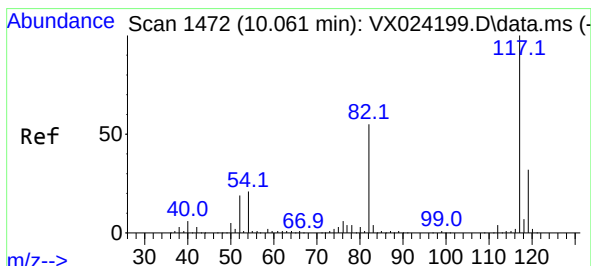
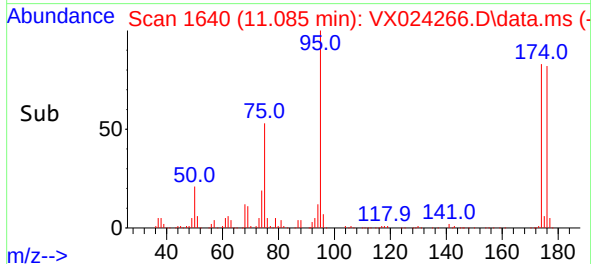
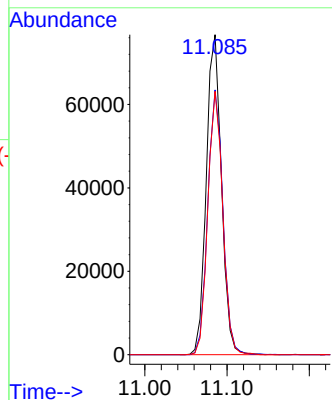
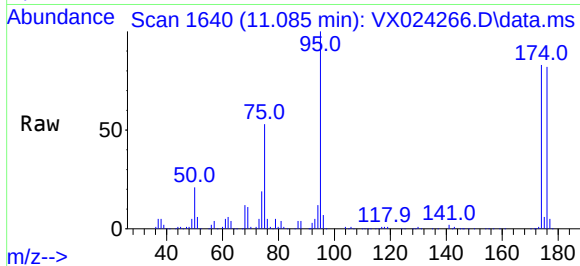




#62
4-Bromofluorobenzene
Concen: 42.883 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024266.D
Acq: 15 Sep 2021 17:24

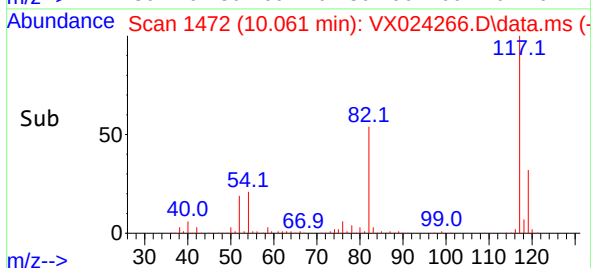
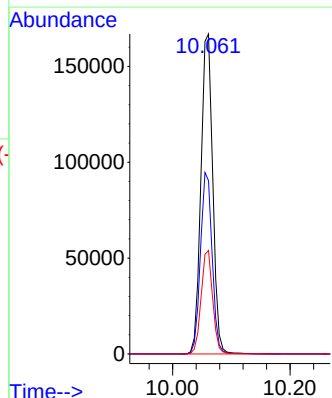
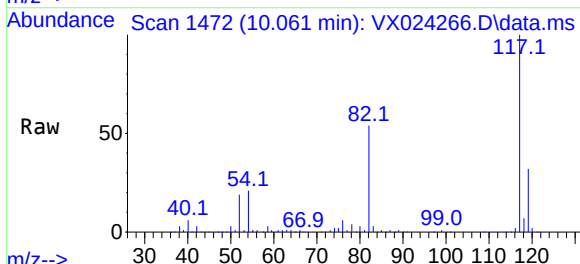
Instrument :
MSVOA_X
ClientSampled :
33132

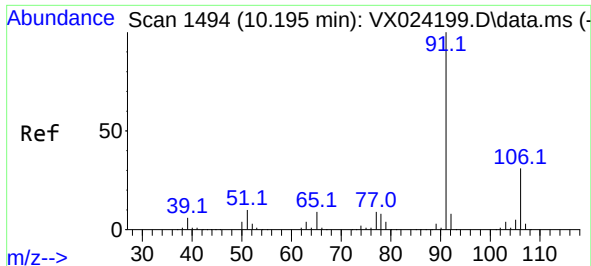
Tgt Ion: 95 Resp: 98284
Ion Ratio Lower Upper
95 100
174 82.7 0.0 154.6
176 80.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024266.D
Acq: 15 Sep 2021 17:24

Tgt Ion: 117 Resp: 232526
Ion Ratio Lower Upper
117 100
82 54.1 47.4 71.2
119 32.4 26.6 39.8

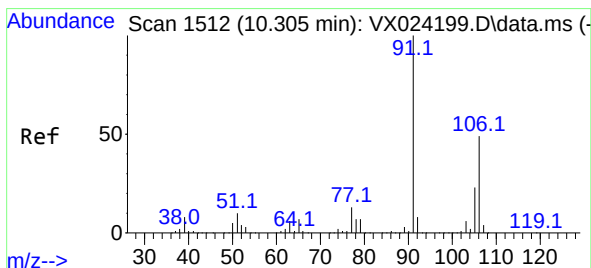
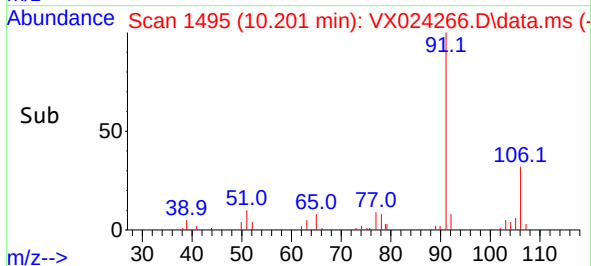
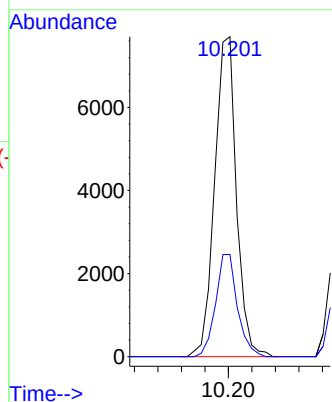
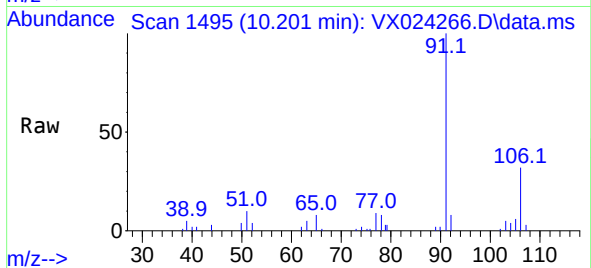




#67
Ethyl Benzene
Concen: 1.186 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX024266.D
Acq: 15 Sep 2021 17:24

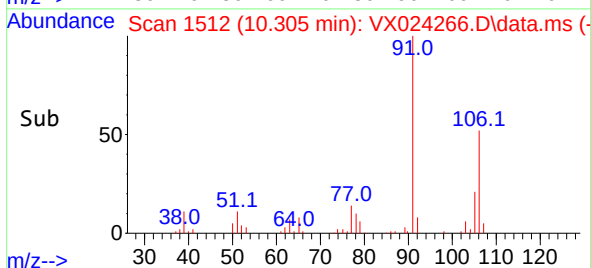
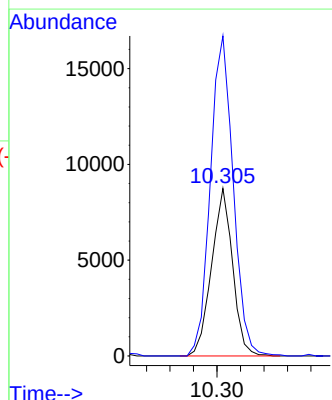
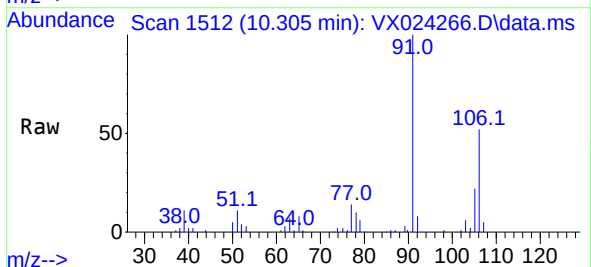
Instrument :
MSVOA_X
ClientSampled :
33132

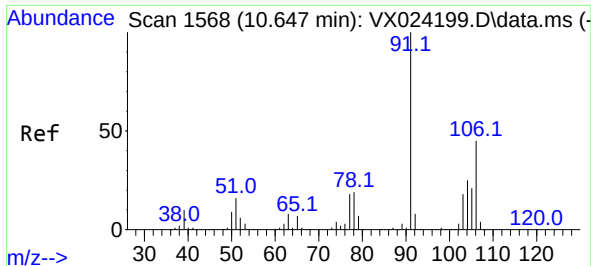
Tgt Ion: 91 Resp: 9922
Ion Ratio Lower Upper
91 100
106 32.0 24.6 37.0



#68
m/p-Xylenes
Concen: 3.400 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024266.D
Acq: 15 Sep 2021 17:24

Tgt Ion: 106 Resp: 10894
Ion Ratio Lower Upper
106 100
91 207.0 162.8 244.2

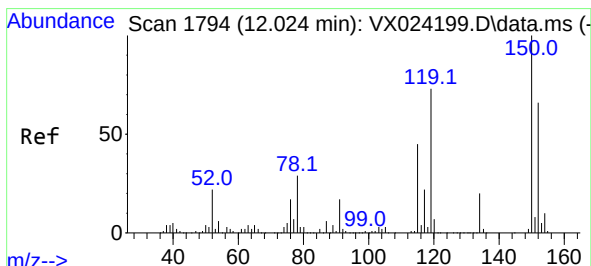
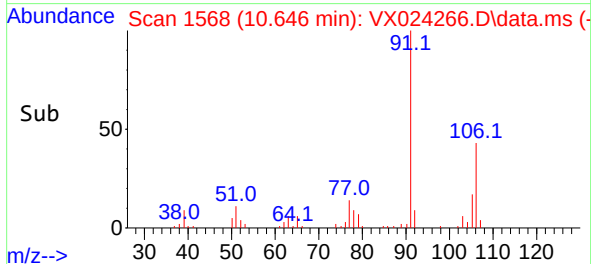
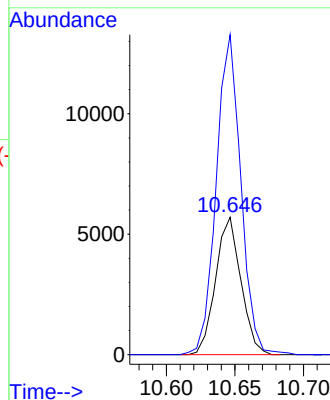
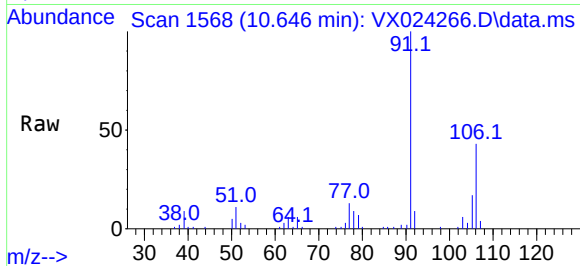




#69
o-Xylene
Concen: 2.290 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX024266.D
Acq: 15 Sep 2021 17:24

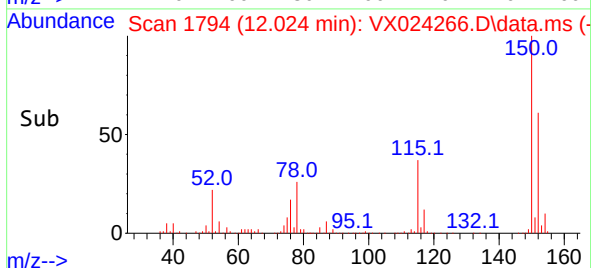
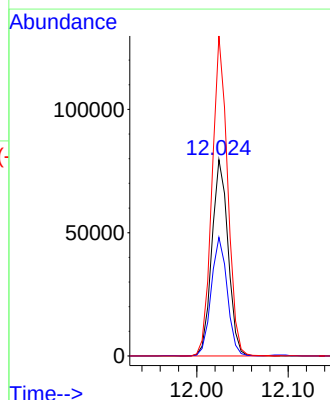
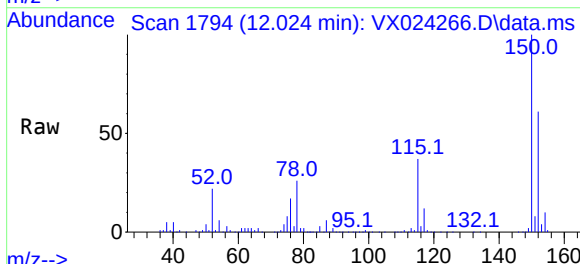
Instrument :
MSVOA_X
ClientSampled :
33132

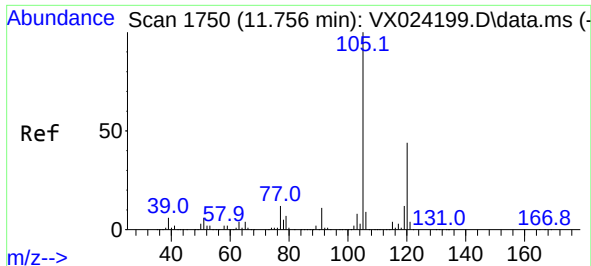
Tgt Ion:106 Resp: 7323
Ion Ratio Lower Upper
106 100
91 226.3 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024266.D
Acq: 15 Sep 2021 17:24

Tgt Ion:152 Resp: 97985
Ion Ratio Lower Upper
152 100
115 59.6 41.1 123.3
150 156.0 0.0 349.0

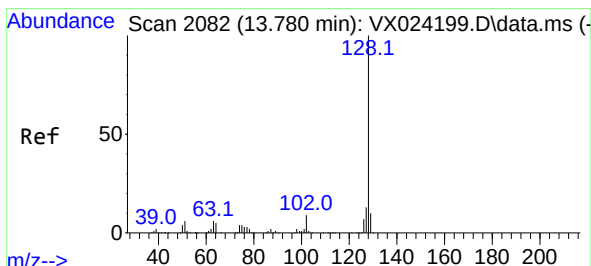
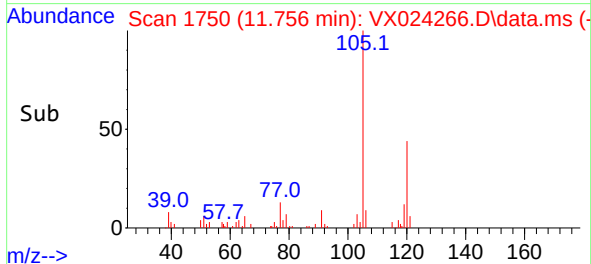
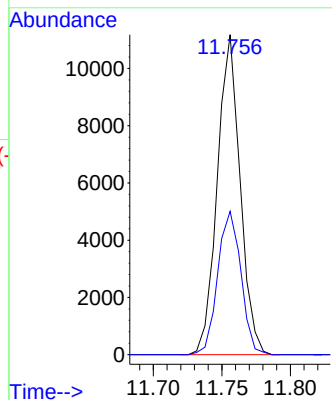
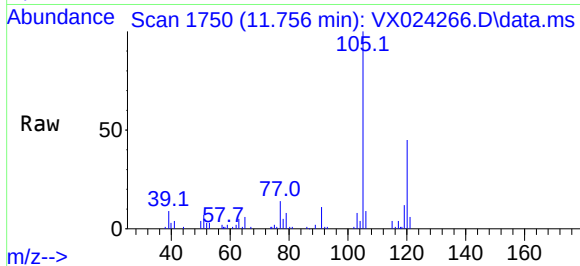




#84
1,2,4-Trimethylbenzene
Concen: 2.139 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX024266.D
Acq: 15 Sep 2021 17:24

Instrument :
MSVOA_X
ClientSampled :
33132

Tgt Ion:105 Resp: 12939
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.3



#95
Naphthalene
Concen: 1.601 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024266.D
Acq: 15 Sep 2021 17:24

Tgt Ion:128 Resp: 2257
Ion Ratio Lower Upper
128 100
127 14.7 10.3 15.5
129 18.1 8.8 13.2#

