

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024219.D
 Acq On : 14 Sep 2021 19:49
 Operator : JC/MD
 Sample : M3728-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 N42049

Quant Time: Sep 15 01:58:50 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)

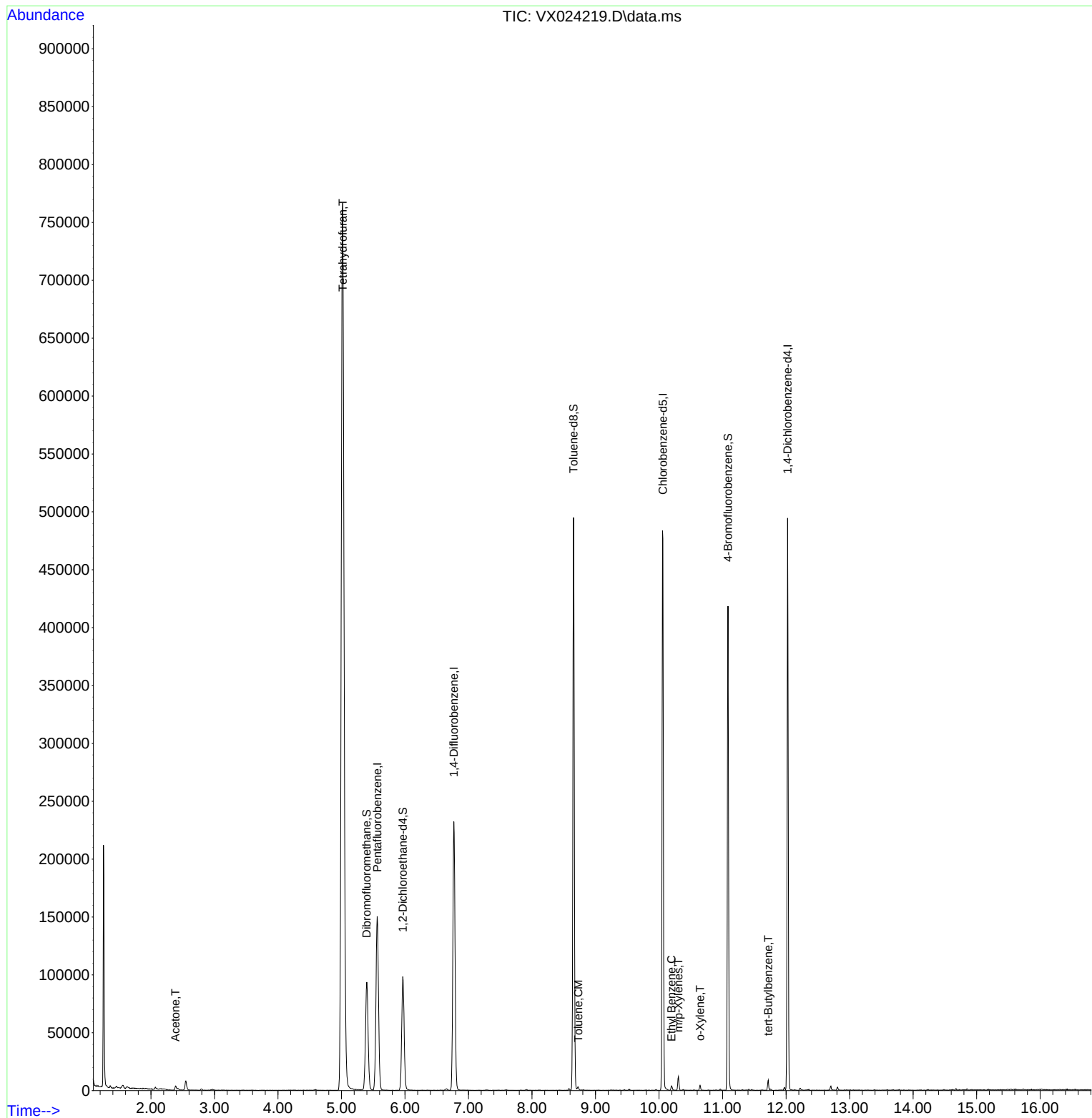
Internal Standards						
1) Pentafluorobenzene	5.562	168	136464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	232203	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	217990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100406	51.598	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.200%		
35) Dibromofluoromethane	5.397	113	78807	50.606	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.220%		
50) Toluene-d8	8.653	98	281788	49.672	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.340%		
62) 4-Bromofluorobenzene	11.085	95	104598	47.378	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.760%		
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	4084	4.922	ug/l #	84
29) Tetrahydrofuran	5.019	42	718217	938.941	ug/l	89
52) Toluene	8.726	92	1095	0.273	ug/l #	70
67) Ethyl Benzene	10.195	91	2211	0.282	ug/l #	87
68) m/p-Xylenes	10.305	106	2724	0.907	ug/l	99
69) o-Xylene	10.646	106	851	0.284	ug/l	88
83) tert-Butylbenzene	11.719	119	3302	0.567	ug/l	89

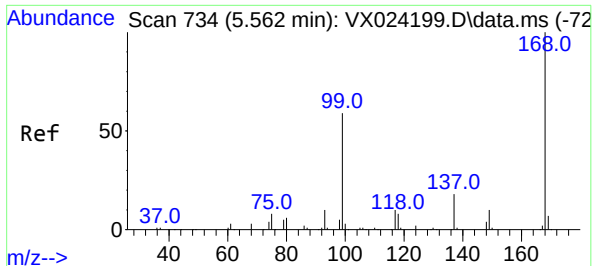
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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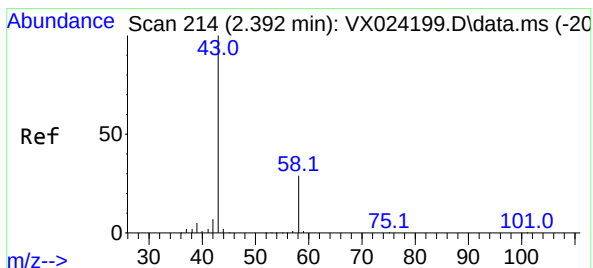
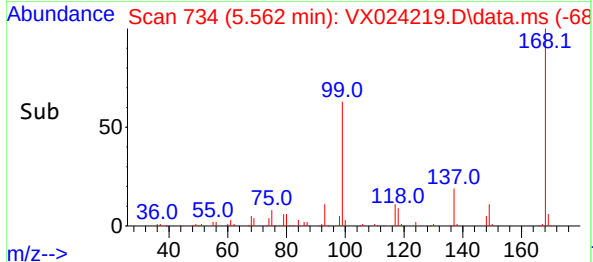
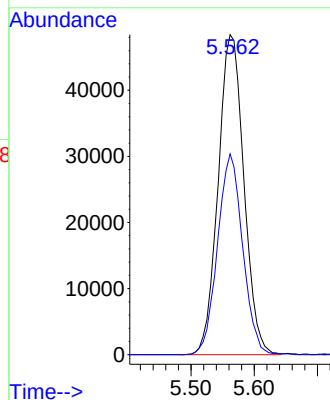
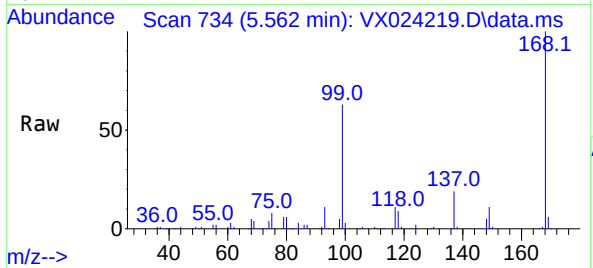




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024219.D
Acq: 14 Sep 2021 19:49

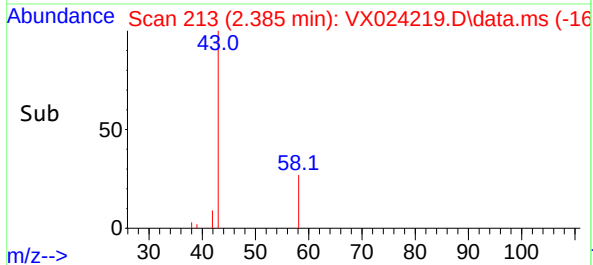
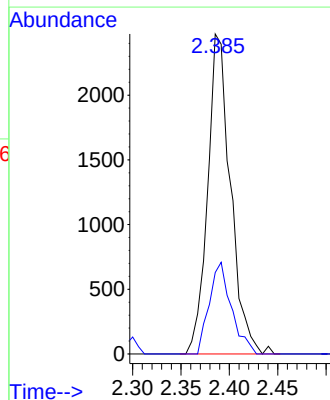
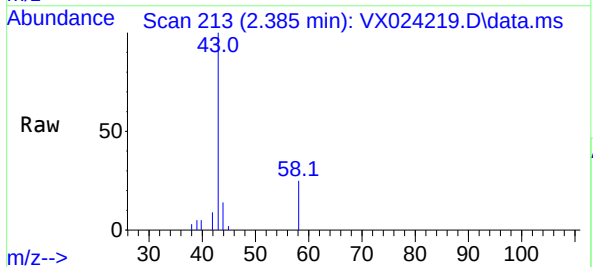
Instrument :
MSVOA_X
ClientSampleId :
N42049

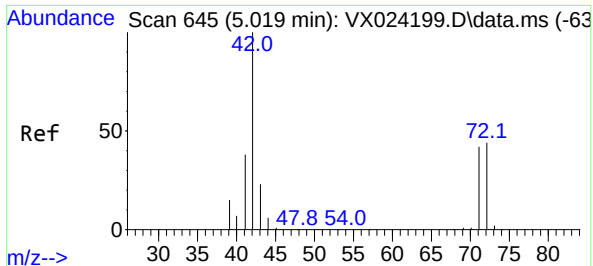
Tgt Ion:168 Resp: 136464
Ion Ratio Lower Upper
168 100
99 62.7 45.8 68.6



#16
Acetone
Concen: 4.922 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX024219.D
Acq: 14 Sep 2021 19:49

Tgt Ion: 43 Resp: 4084
Ion Ratio Lower Upper
43 100
58 25.5 27.8 41.8#





#29

Tetrahydrofuran

Concen: 938.941 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.000 min

Lab File: VX024219.D

Acq: 14 Sep 2021 19:49

Instrument :

MSVOA_X

ClientSampleId :

N42049

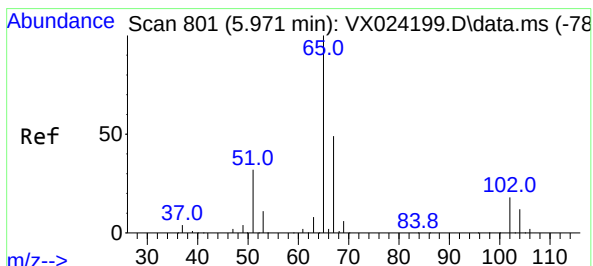
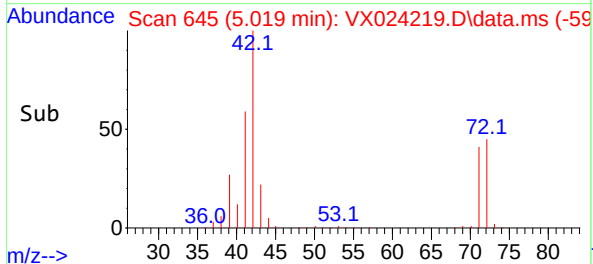
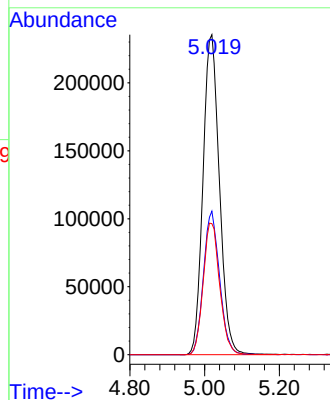
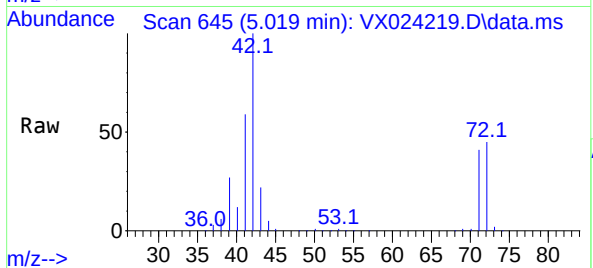
Tgt Ion: 42 Resp: 718217

Ion Ratio Lower Upper

42 100

72 44.0 41.7 62.5

71 41.3 38.4 57.6



#33

1,2-Dichloroethane-d4

Concen: 51.598 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX024219.D

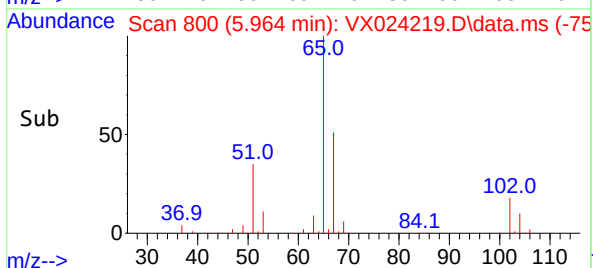
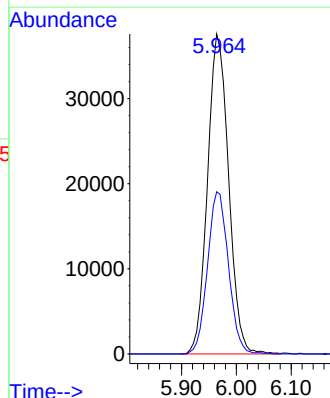
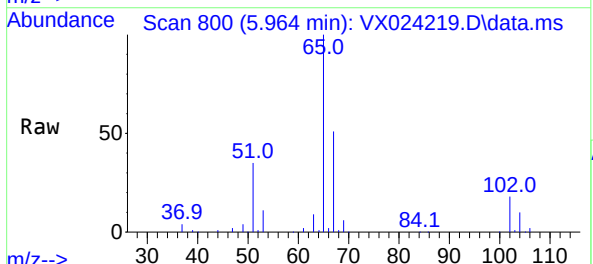
Acq: 14 Sep 2021 19:49

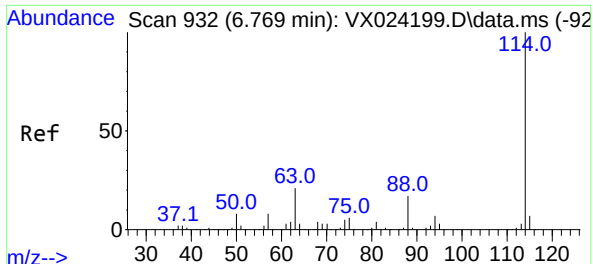
Tgt Ion: 65 Resp: 100406

Ion Ratio Lower Upper

65 100

67 50.3 0.0 105.4



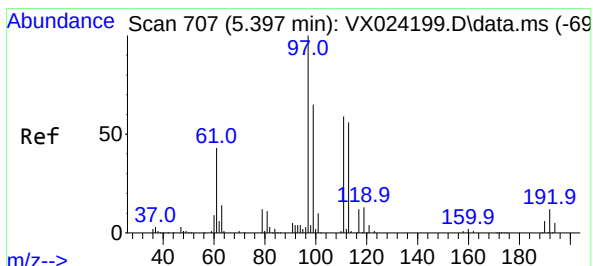
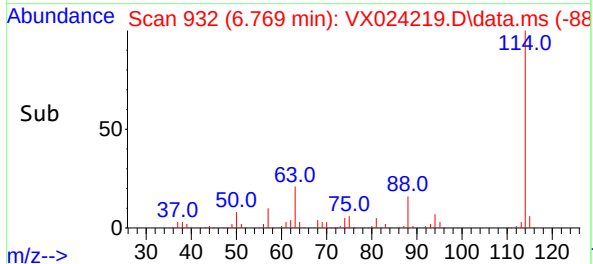
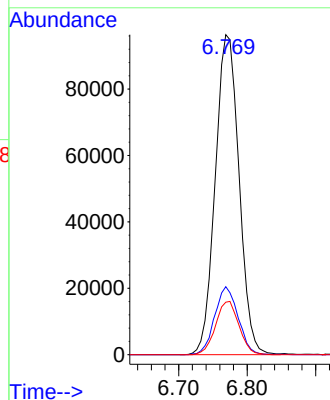
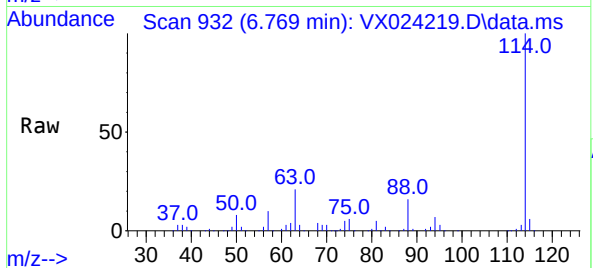


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024219.D
Acq: 14 Sep 2021 19:49

Instrument :
MSVOA_X
ClientSampleId :
N42049

Tgt Ion:114 Resp: 232203

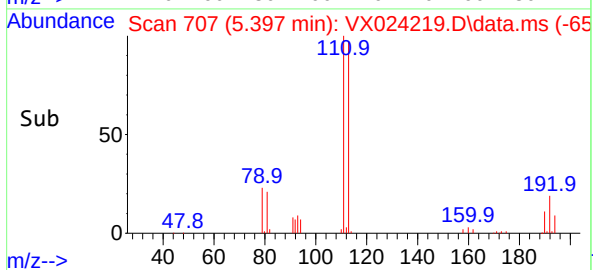
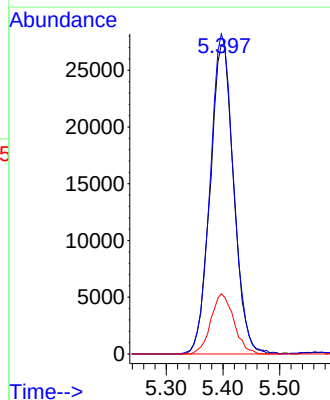
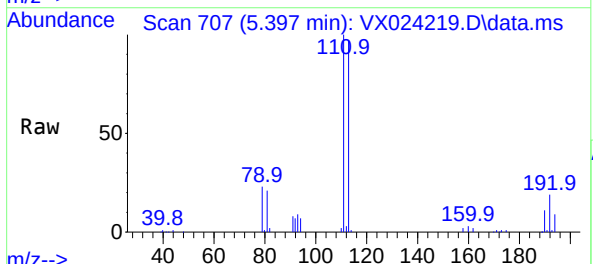
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.8
88	16.4	0.0	32.8

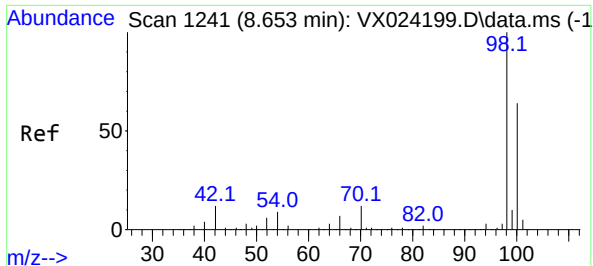


#35
Dibromofluoromethane
Concen: 50.606 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024219.D
Acq: 14 Sep 2021 19:49

Tgt Ion:113 Resp: 78807

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	18.9	16.7	25.1

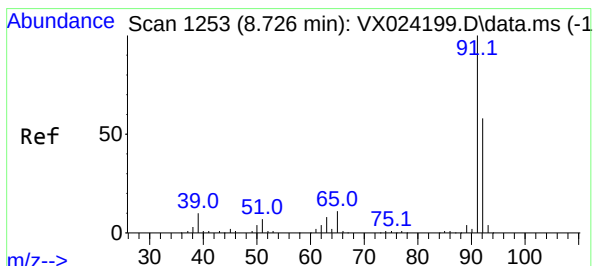
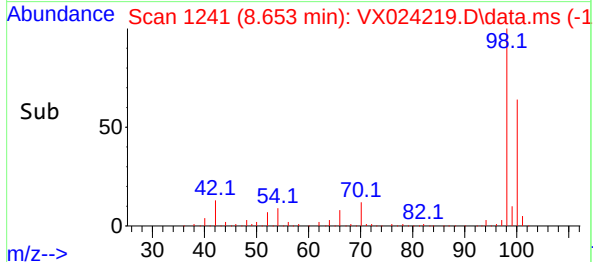
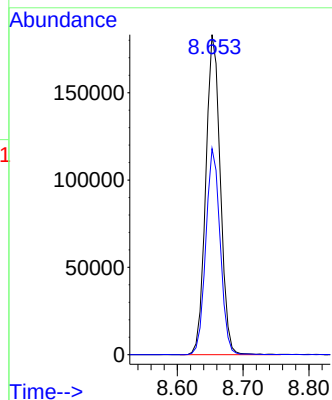
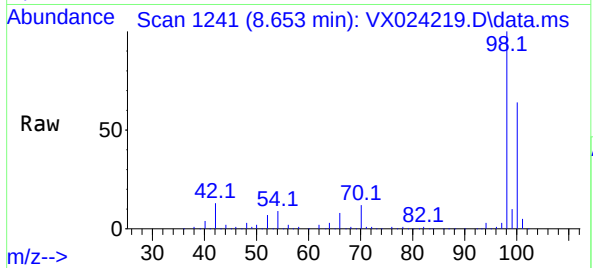




#50
Toluene-d8
Concen: 49.672 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024219.D
Acq: 14 Sep 2021 19:49

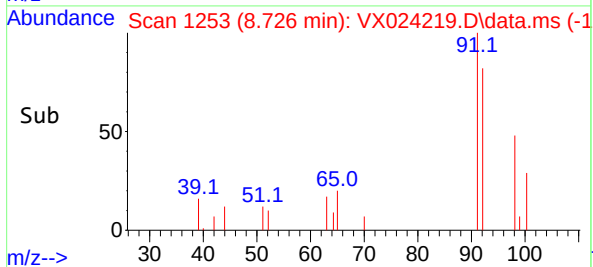
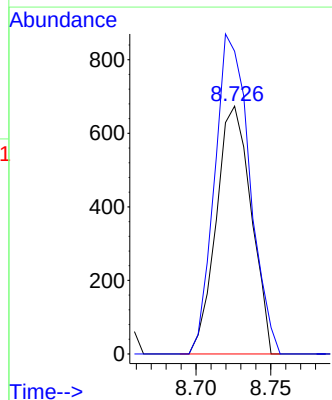
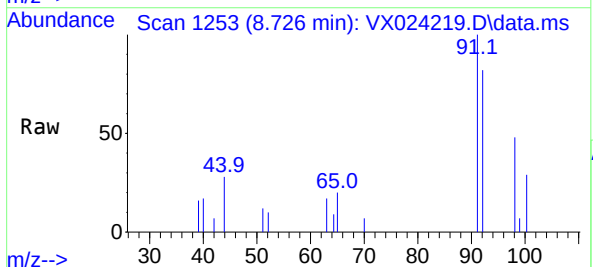
Instrument :
MSVOA_X
ClientSampleId :
N42049

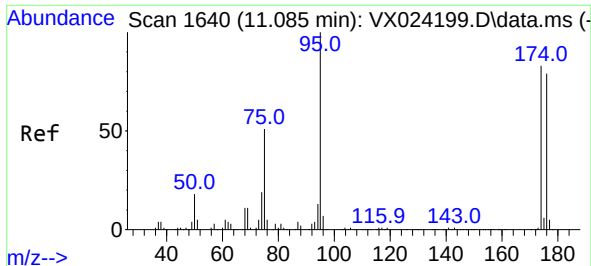
Tgt Ion: 98 Resp: 281788
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#52
Toluene
Concen: 0.273 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.000 min
Lab File: VX024219.D
Acq: 14 Sep 2021 19:49

Tgt Ion: 92 Resp: 1095
Ion Ratio Lower Upper
92 100
91 129.5 137.1 205.7#

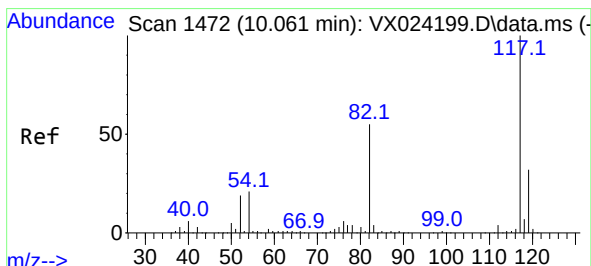
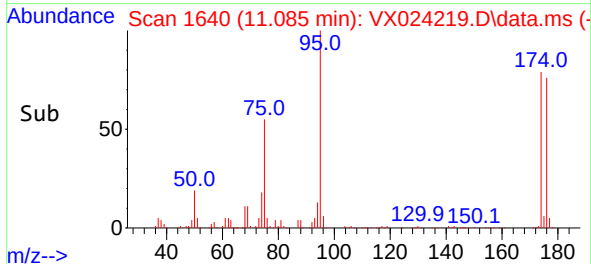
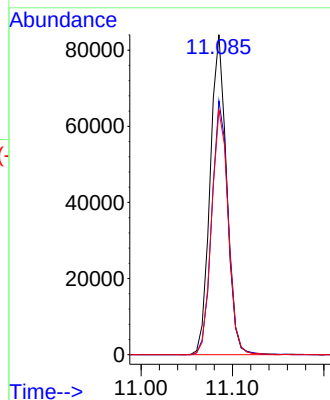
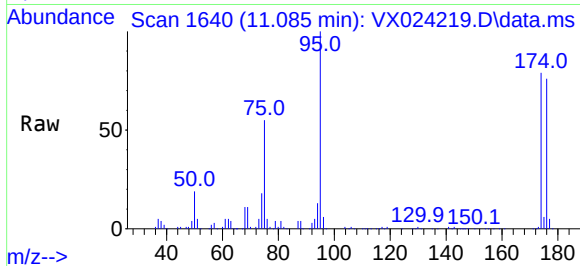




#62
4-Bromofluorobenzene
Concen: 47.378 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024219.D
Acq: 14 Sep 2021 19:49

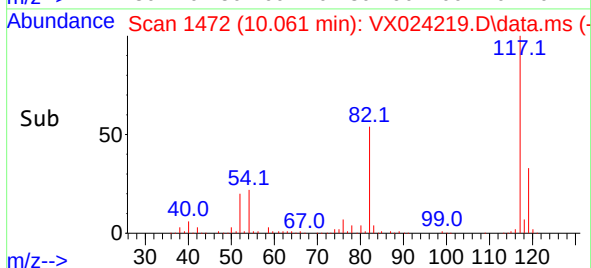
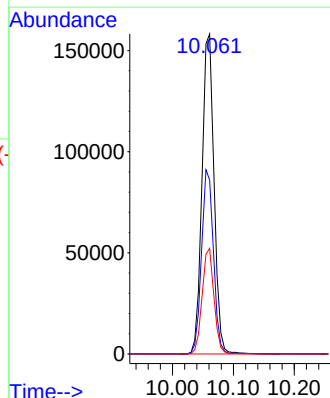
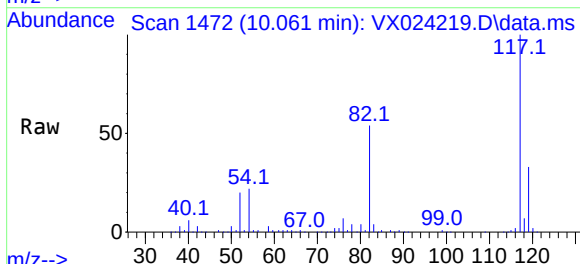
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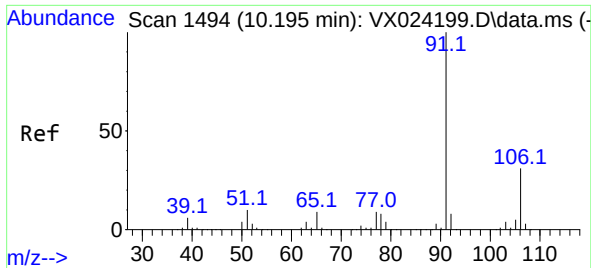
Tgt Ion: 95 Resp: 104598
Ion Ratio Lower Upper
95 100
174 79.5 0.0 154.6
176 77.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX024219.D
Acq: 14 Sep 2021 19:49

Tgt Ion: 117 Resp: 217990
Ion Ratio Lower Upper
117 100
82 54.3 47.4 71.2
119 33.0 26.6 39.8

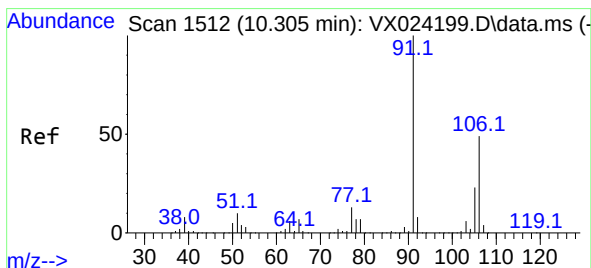
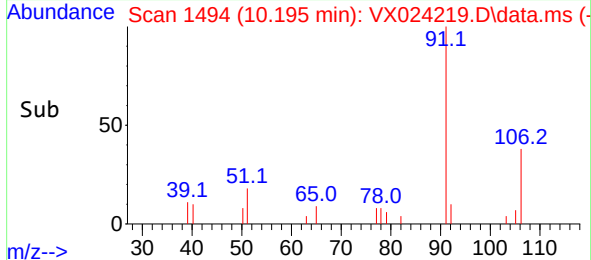
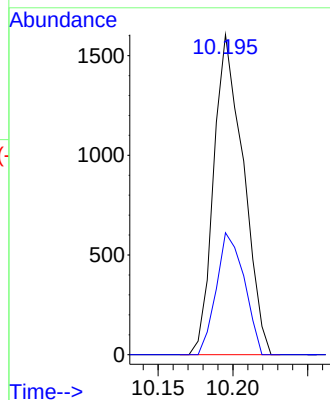
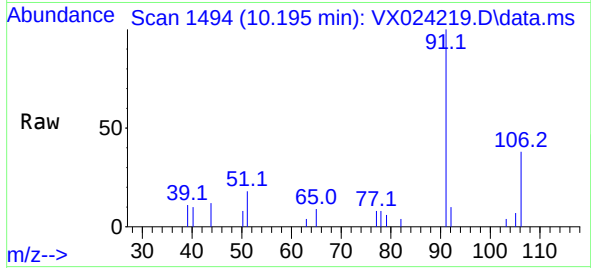




#67
Ethyl Benzene
Concen: 0.282 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX024219.D
Acq: 14 Sep 2021 19:49

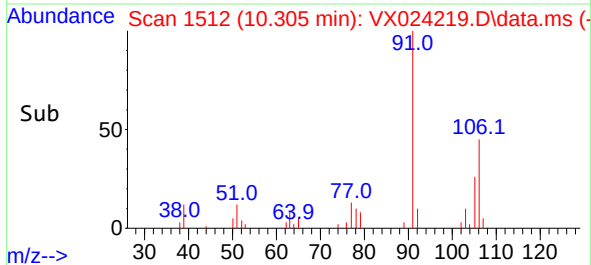
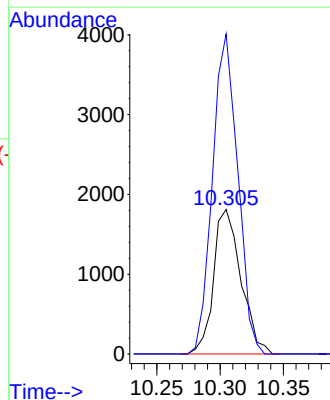
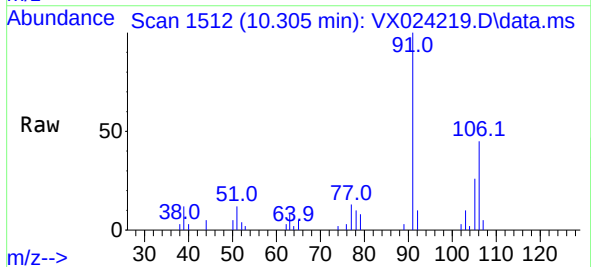
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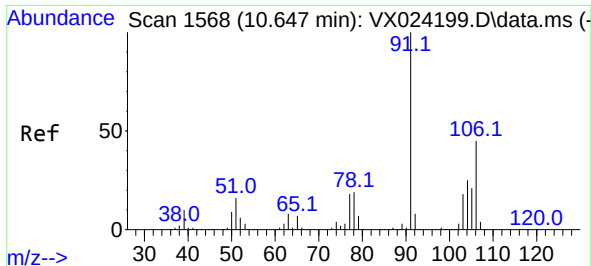
Tgt Ion: 91 Resp: 2211
Ion Ratio Lower Upper
91 100
106 38.1 24.6 37.0#



#68
m/p-Xylenes
Concen: 0.907 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX024219.D
Acq: 14 Sep 2021 19:49

Tgt Ion: 106 Resp: 2724
Ion Ratio Lower Upper
106 100
91 204.7 162.8 244.2

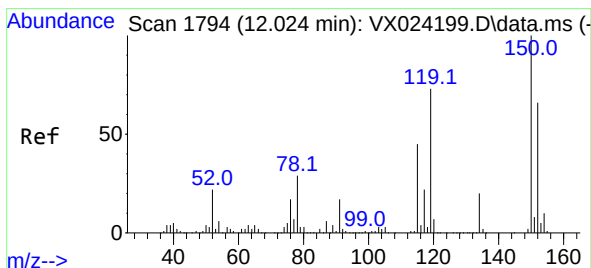
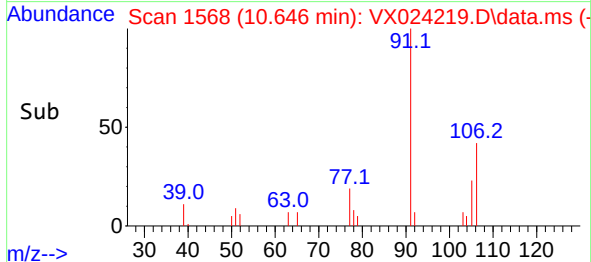
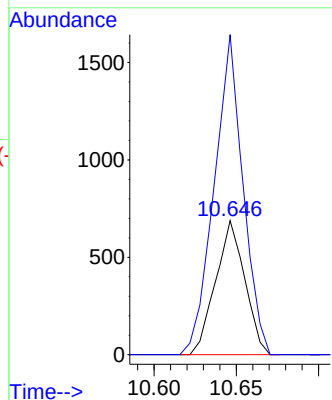
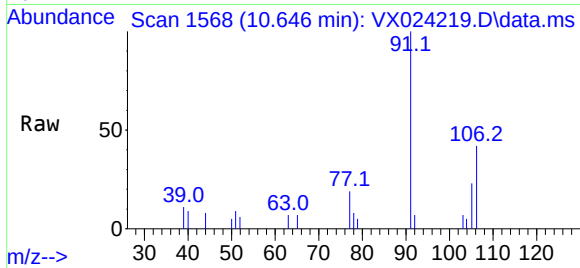




#69
o-Xylene
Concen: 0.284 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX024219.D
Acq: 14 Sep 2021 19:49

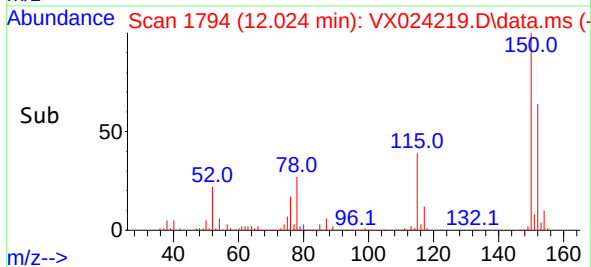
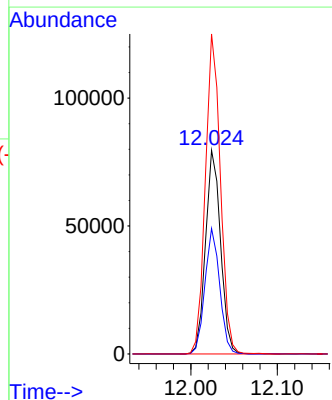
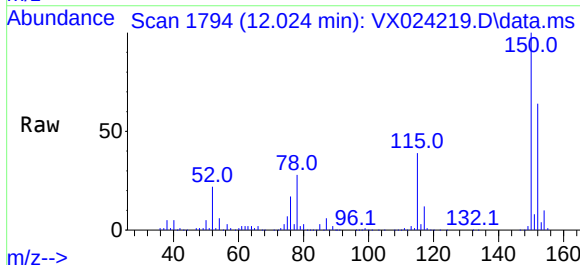
Instrument :
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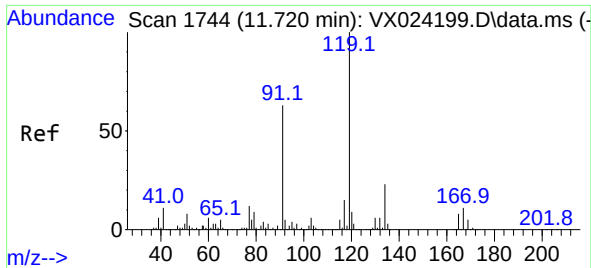
Tgt Ion:106 Resp: 851
Ion Ratio Lower Upper
106 100
91 235.5 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX024219.D
Acq: 14 Sep 2021 19:49

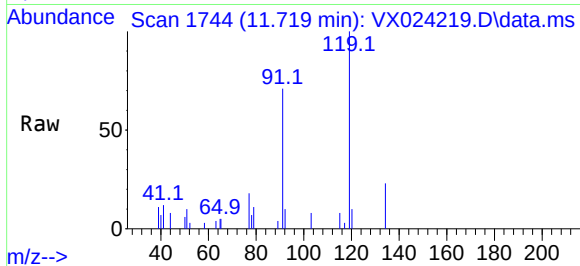
Tgt Ion:152 Resp: 96053
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 157.1 0.0 349.0





#83
tert-Butylbenzene
Concen: 0.567 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.001 min
Lab File: VX024219.D
Acq: 14 Sep 2021 19:49

Instrument :
MSVOA_X
ClientSampleId :
N42049



Tgt Ion:	119	Resp:	3302
Ion	Ratio	Lower	Upper
119	100		
91	66.9	27.9	83.7
134	21.7	11.3	33.9

