

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
 Data File : VX024263.D
 Acq On : 15 Sep 2021 16:13
 Operator : JC/MD
 Sample : M3724-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33129

Quant Time: Sep 16 04:45:18 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)

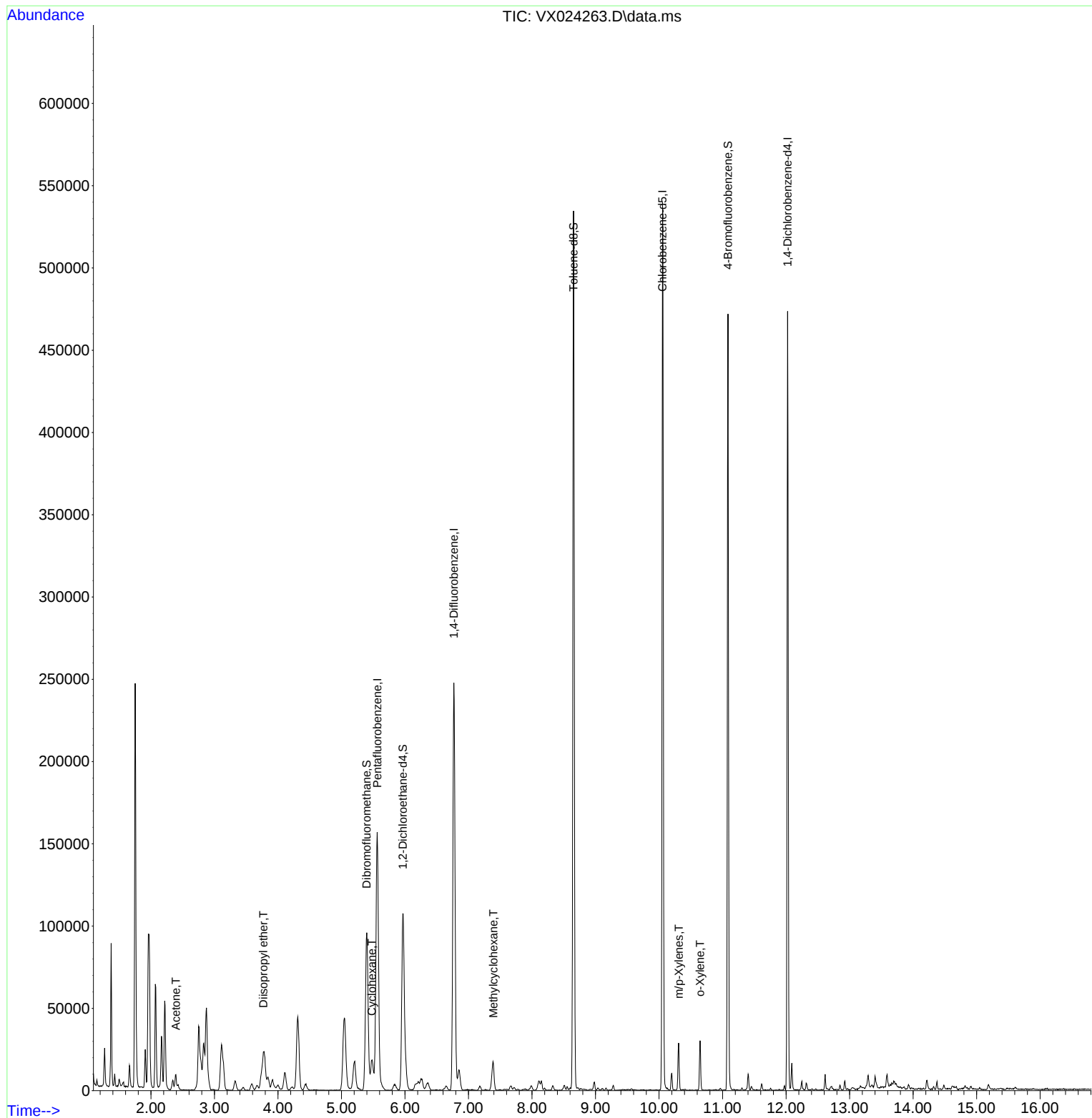
Internal Standards						
1) Pentafluorobenzene	5.562	168	143627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	247792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105190	51.360	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.720%		
35) Dibromofluoromethane	5.397	113	82327	49.541	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.080%		
50) Toluene-d8	8.653	98	308722	50.996	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 102.000%		
62) 4-Bromofluorobenzene	11.085	95	118616	50.347	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 100.700%		
Target Compounds						
						Qvalue
16) Acetone	2.392	43	10041	11.498	ug/l	89
22) Diisopropyl ether	3.769	45	23948	5.066	ug/l #	84
31) Cyclohexane	5.476	56	12601	5.260	ug/l #	89
39) Methylcyclohexane	7.391	83	6452	2.372	ug/l #	89
68) m/p-Xylenes	10.311	106	6810	2.049	ug/l	94
69) o-Xylene	10.646	106	6214	1.873	ug/l	95

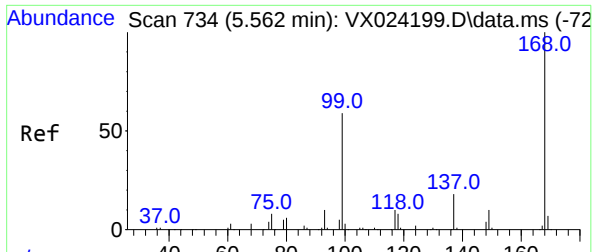
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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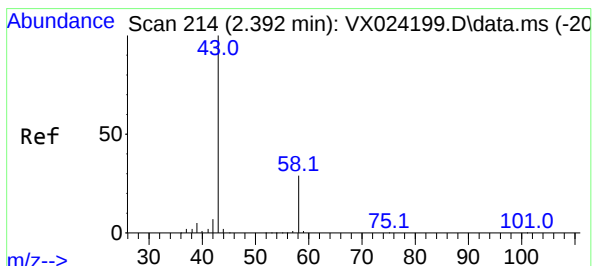
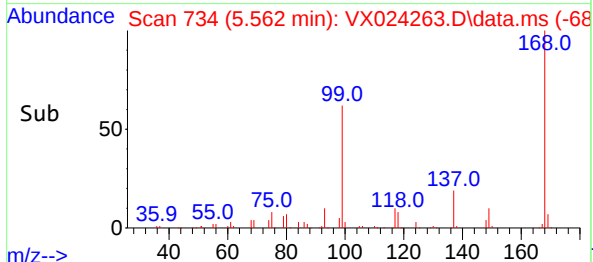
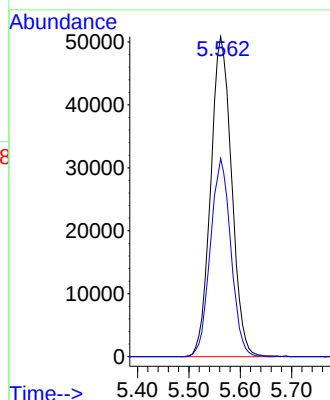
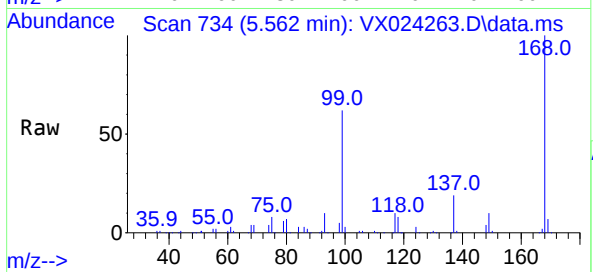




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024263.D
Acq: 15 Sep 2021 16:13

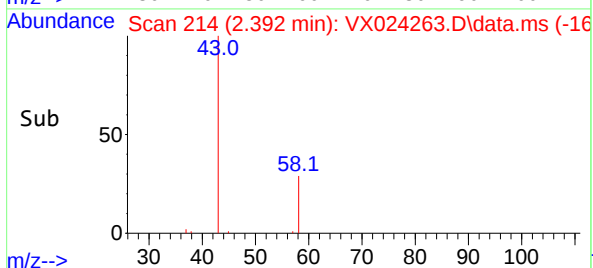
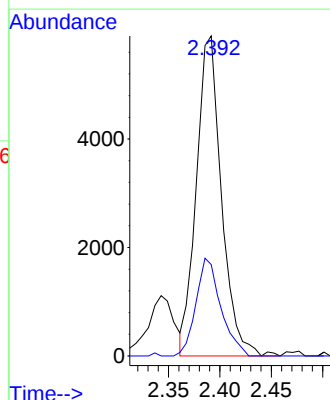
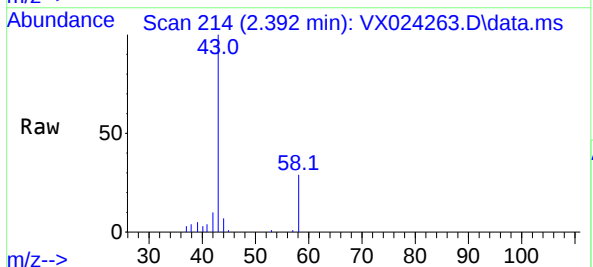
Instrument :
MSVOA_X
ClientSampleId :
33129

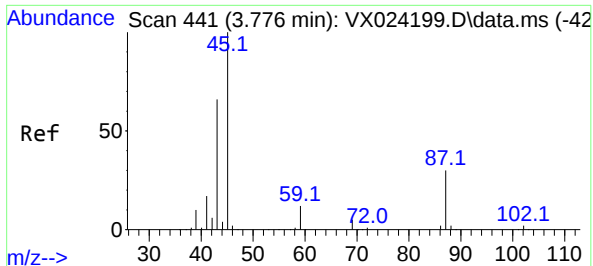
Tgt Ion:168 Resp: 143627
Ion Ratio Lower Upper
168 100
99 61.9 45.8 68.6



#16
Acetone
Concen: 11.498 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024263.D
Acq: 15 Sep 2021 16:13

Tgt Ion: 43 Resp: 10041
Ion Ratio Lower Upper
43 100
58 28.6 27.8 41.8

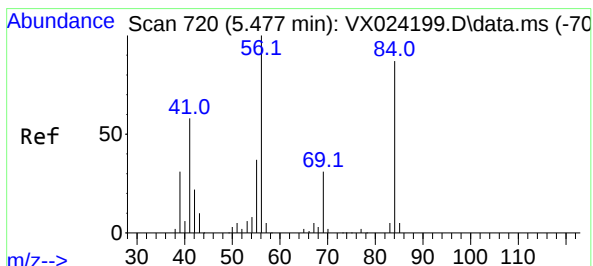
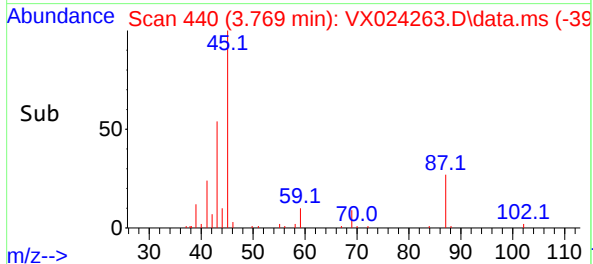
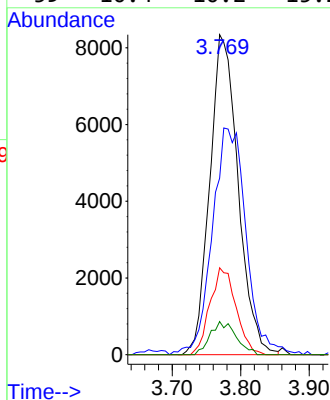
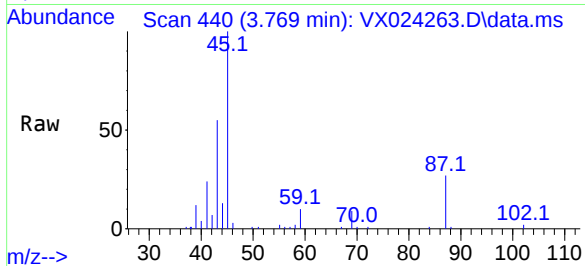




#22
Diisopropyl ether
Concen: 5.066 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.007 min
Lab File: VX024263.D
Acq: 15 Sep 2021 16:13

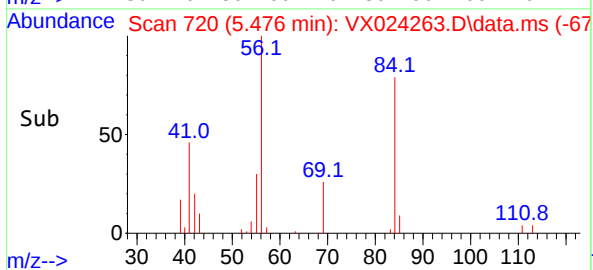
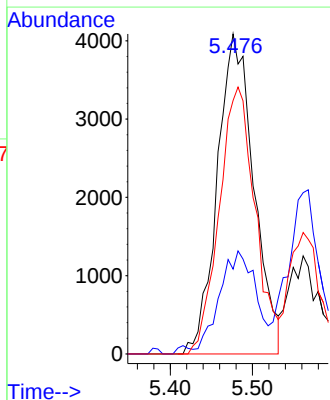
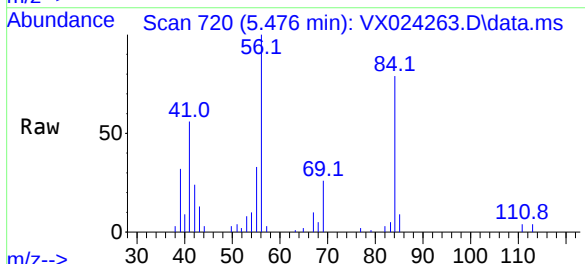
Instrument :
MSVOA_X
ClientSampleId :
33129

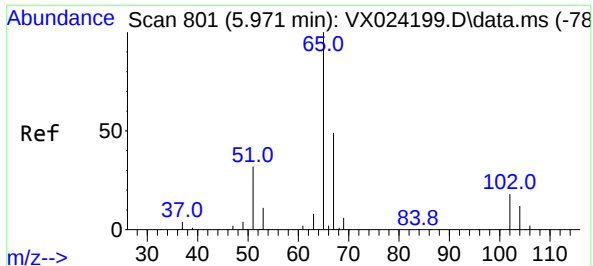
Tgt Ion:	45	Resp:	23948
Ion	Ratio	Lower	Upper
45	100		
43	54.3	58.0	87.0#
87	27.2	25.4	38.0
59	10.4	10.2	15.2



#31
Cyclohexane
Concen: 5.260 ug/l
RT: 5.476 min Scan# 720
Delta R.T. -0.001 min
Lab File: VX024263.D
Acq: 15 Sep 2021 16:13

Tgt Ion:	56	Resp:	12601
Ion	Ratio	Lower	Upper
56	100		
69	24.7	25.3	37.9#
84	79.2	71.4	107.0



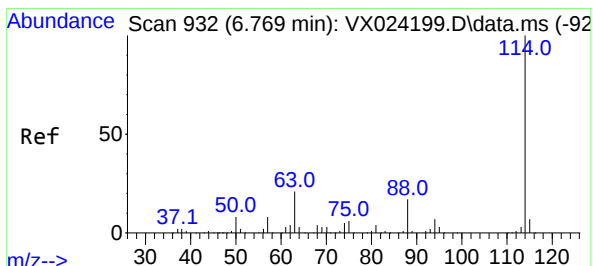
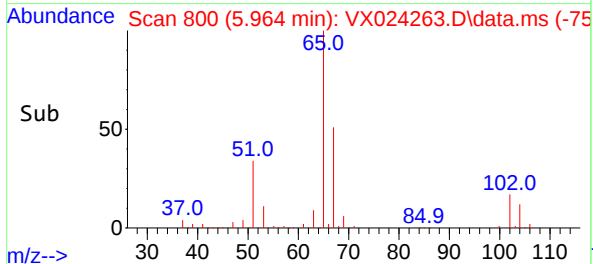
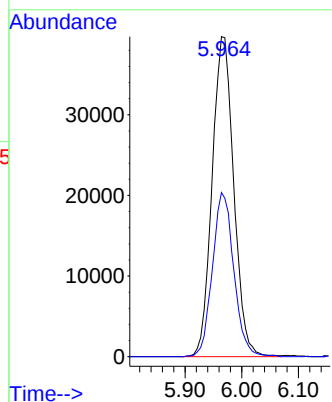
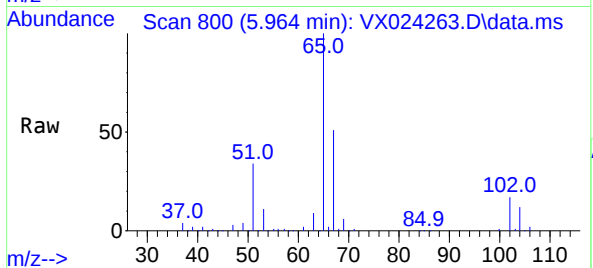


#33

1,2-Dichloroethane-d4
Concen: 51.360 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024263.D
Acq: 15 Sep 2021 16:13

Instrument :
MSVOA_X
ClientSampled :
33129

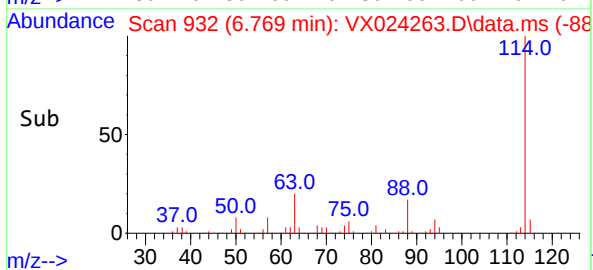
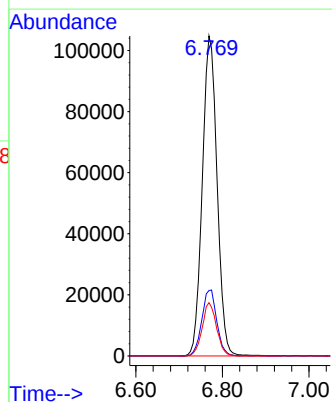
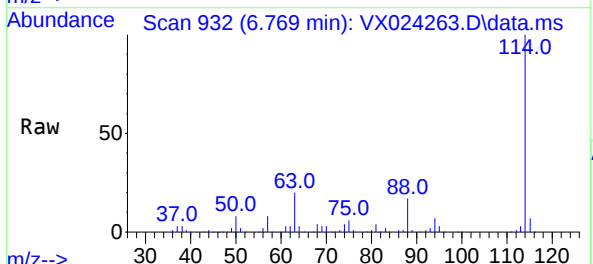
Tgt Ion: 65 Resp: 105190
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

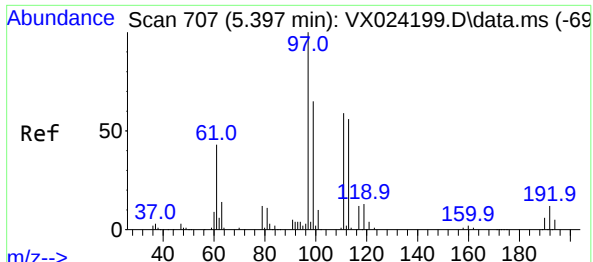


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024263.D
Acq: 15 Sep 2021 16:13

Tgt Ion: 114 Resp: 247792
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.7 0.0 32.8



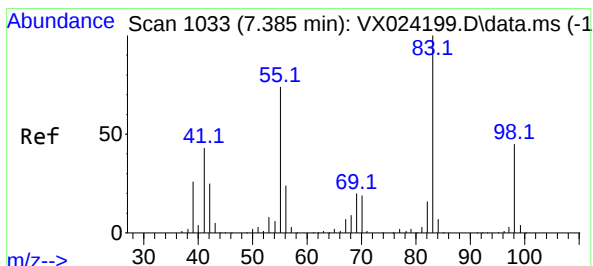
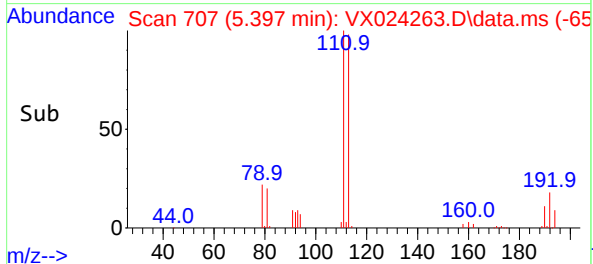
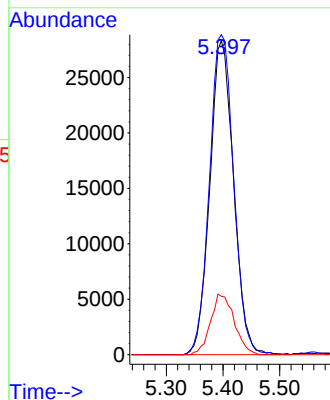
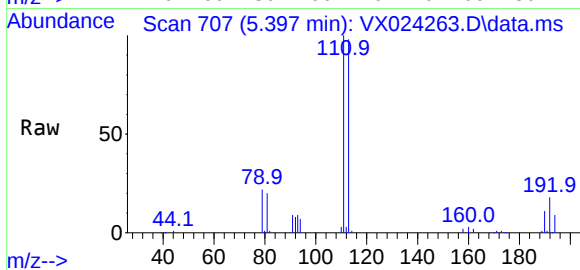


#35
Dibromofluoromethane
Concen: 49.541 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024263.D
Acq: 15 Sep 2021 16:13

Instrument :
MSVOA_X
ClientSampleId :
33129

Tgt Ion:113 Resp: 82327

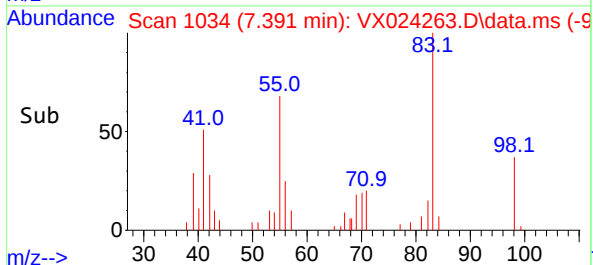
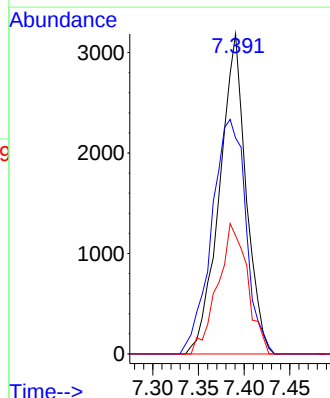
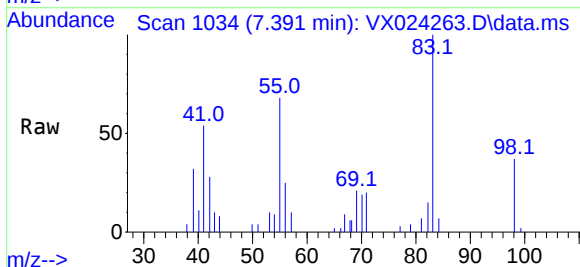
Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.9	122.9
192	19.2	16.7	25.1

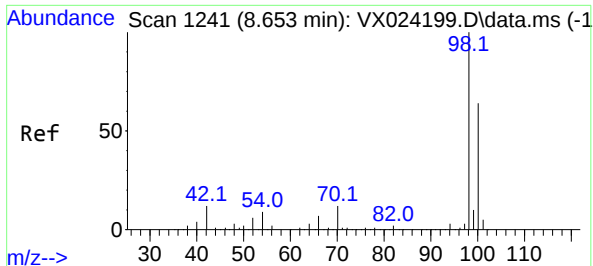


#39
Methylcyclohexane
Concen: 2.372 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX024263.D
Acq: 15 Sep 2021 16:13

Tgt Ion: 83 Resp: 6452

Ion	Ratio	Lower	Upper
83	100		
55	67.5	58.9	88.3
98	37.0	38.1	57.1

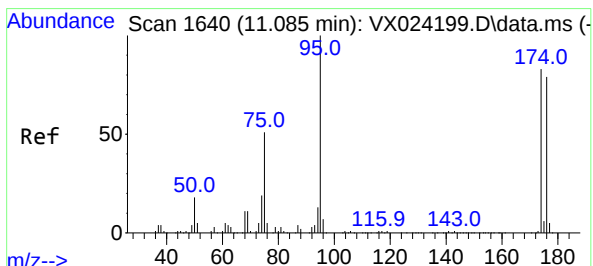
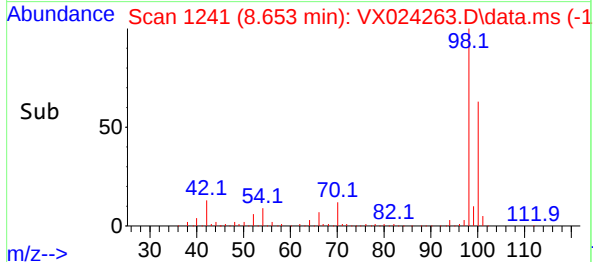
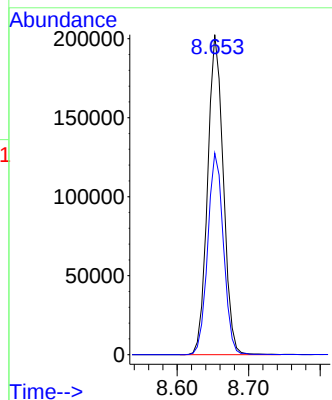
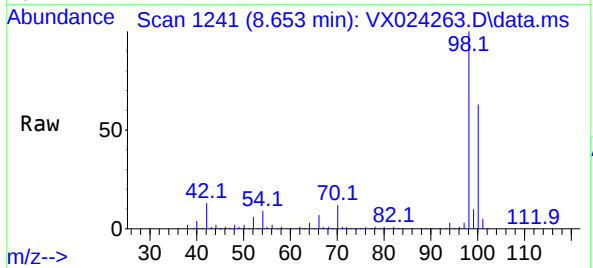




#50
Toluene-d8
Concen: 50.996 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024263.D
Acq: 15 Sep 2021 16:13

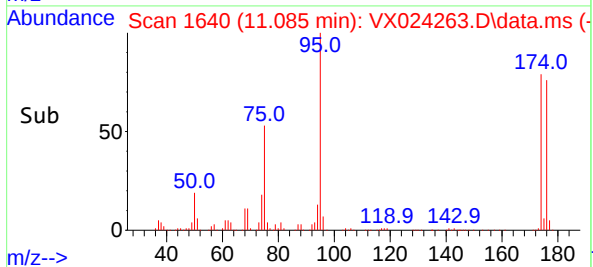
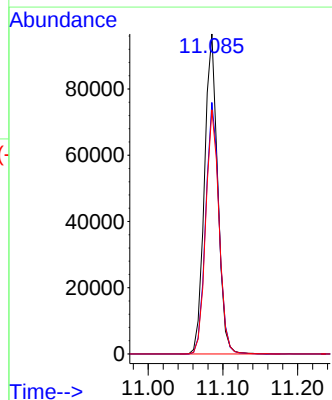
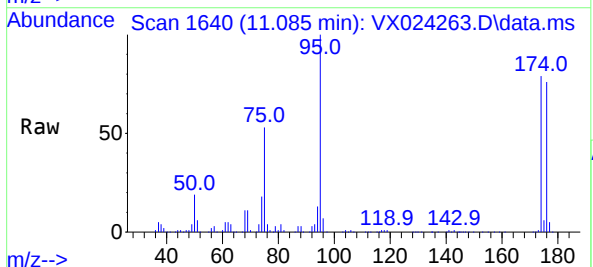
Instrument :
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ClientSampled :
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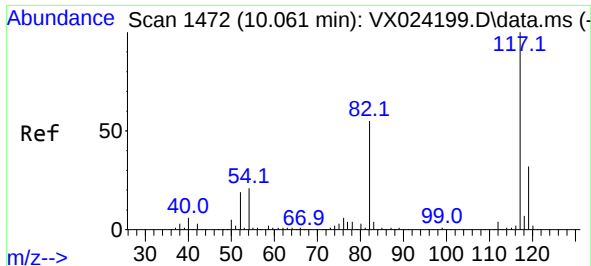
Tgt Ion: 98 Resp: 308722
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.347 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024263.D
Acq: 15 Sep 2021 16:13

Tgt Ion: 95 Resp: 118616
Ion Ratio Lower Upper
95 100
174 78.8 0.0 154.6
176 76.7 0.0 155.8

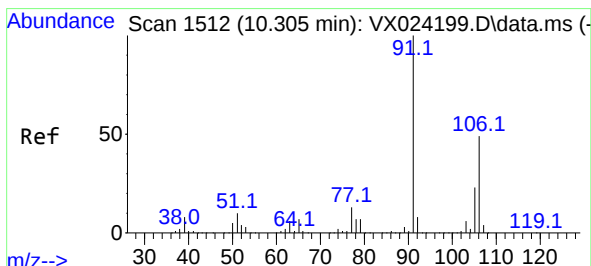
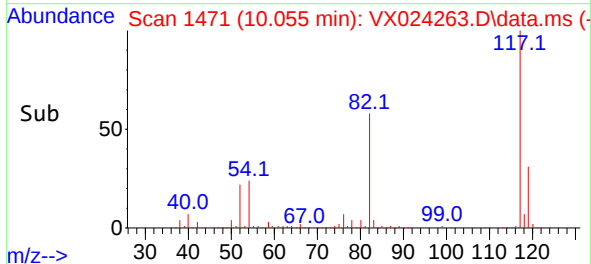
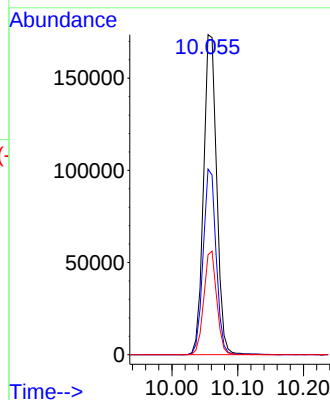
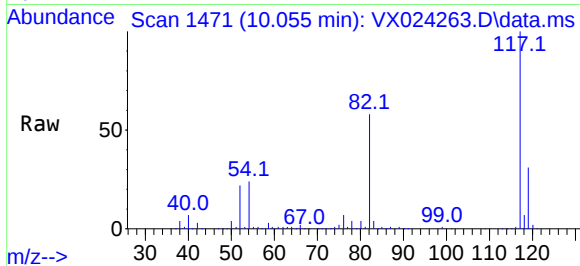




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024263.D
Acq: 15 Sep 2021 16:13

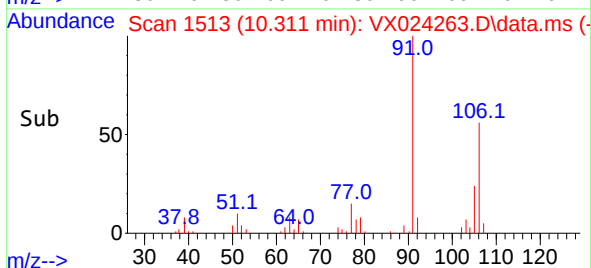
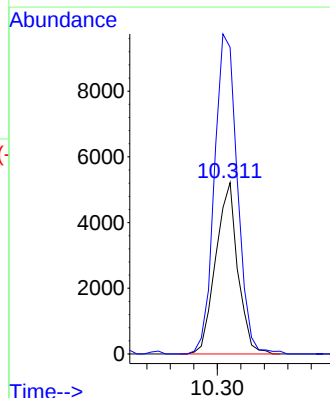
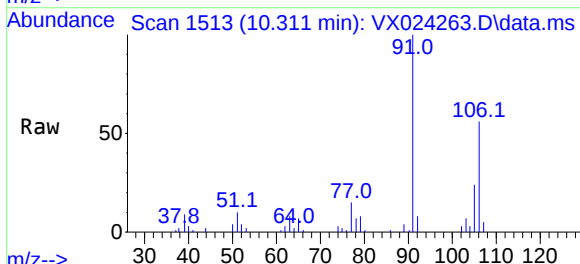
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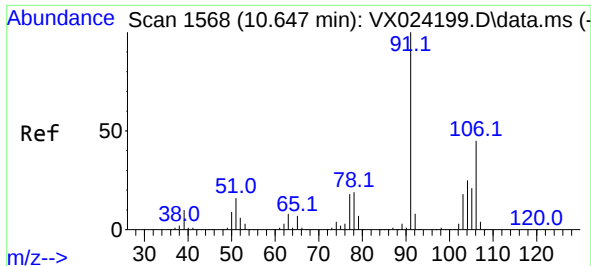
Tgt Ion:117 Resp: 241187
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 31.2 26.6 39.8



#68
m/p-Xylenes
Concen: 2.049 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VX024263.D
Acq: 15 Sep 2021 16:13

Tgt Ion:106 Resp: 6810
Ion Ratio Lower Upper
106 100
91 194.6 162.8 244.2

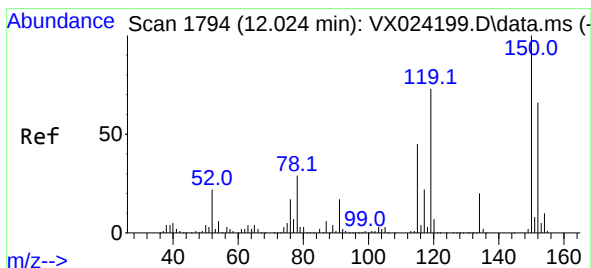
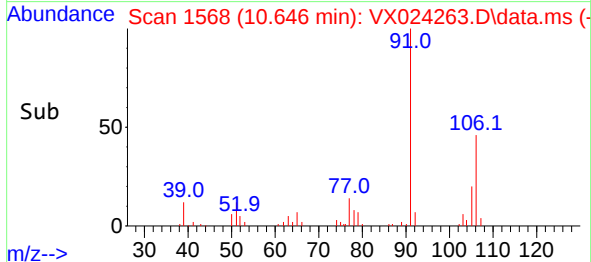
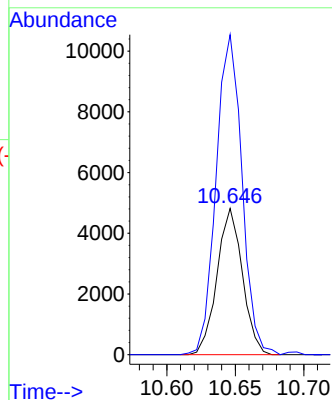
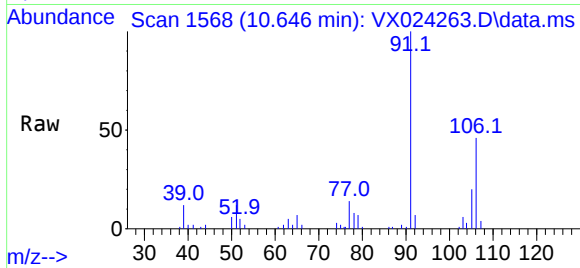




#69
o-Xylene
Concen: 1.873 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX024263.D
Acq: 15 Sep 2021 16:13

Instrument :
MSVOA_X
ClientSampled :
33129

Tgt Ion:106 Resp: 6214
Ion Ratio Lower Upper
106 100
91 223.5 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX024263.D
Acq: 15 Sep 2021 16:13

Tgt Ion:152 Resp: 97685
Ion Ratio Lower Upper
152 100
115 58.6 41.1 123.3
150 153.0 0.0 349.0

