

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024391.D
 Acq On : 21 Sep 2021 17:12
 Operator : JC/MD
 Sample : M3835-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-CB-04-(1.0)

Manual Integrations
 APPROVED

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 9/23/2021 11:06:47 AM

Quant Time: Sep 22 04:51:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	151309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	225875	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	219318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103906	48.158	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.320%			
35) Dibromofluoromethane	5.397	113	89971	59.394	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 118.780%			
50) Toluene-d8	8.653	98	304916	55.254	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.500%			
62) 4-Bromofluorobenzene	11.085	95	106316	49.505	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.020%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	69738	75.803	ug/l	91
25) 2-Butanone	4.574	43	10094	7.449	ug/l	90
40) Benzene	6.050	78	81003	13.600	ug/l	100
52) Toluene	8.726	92	64485	16.519	ug/l	97
65) Chlorobenzene	10.085	112	48784	10.812	ug/l	98
67) Ethyl Benzene	10.201	91	2271	0.288	ug/l	91
68) m/p-Xylenes	10.305	106	1892	0.626	ug/l	94
86) p-Isopropyltoluene	12.012	119	5626	0.869	ug/l	92
87) 1,3-Dichlorobenzene	11.975	146	1156	0.339	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	3921m	1.127	ug/l	
91) 1,2-Dichlorobenzene	12.335	146	4298	1.286	ug/l	98
95) Naphthalene	13.780	128	185196	26.122	ug/l	100

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

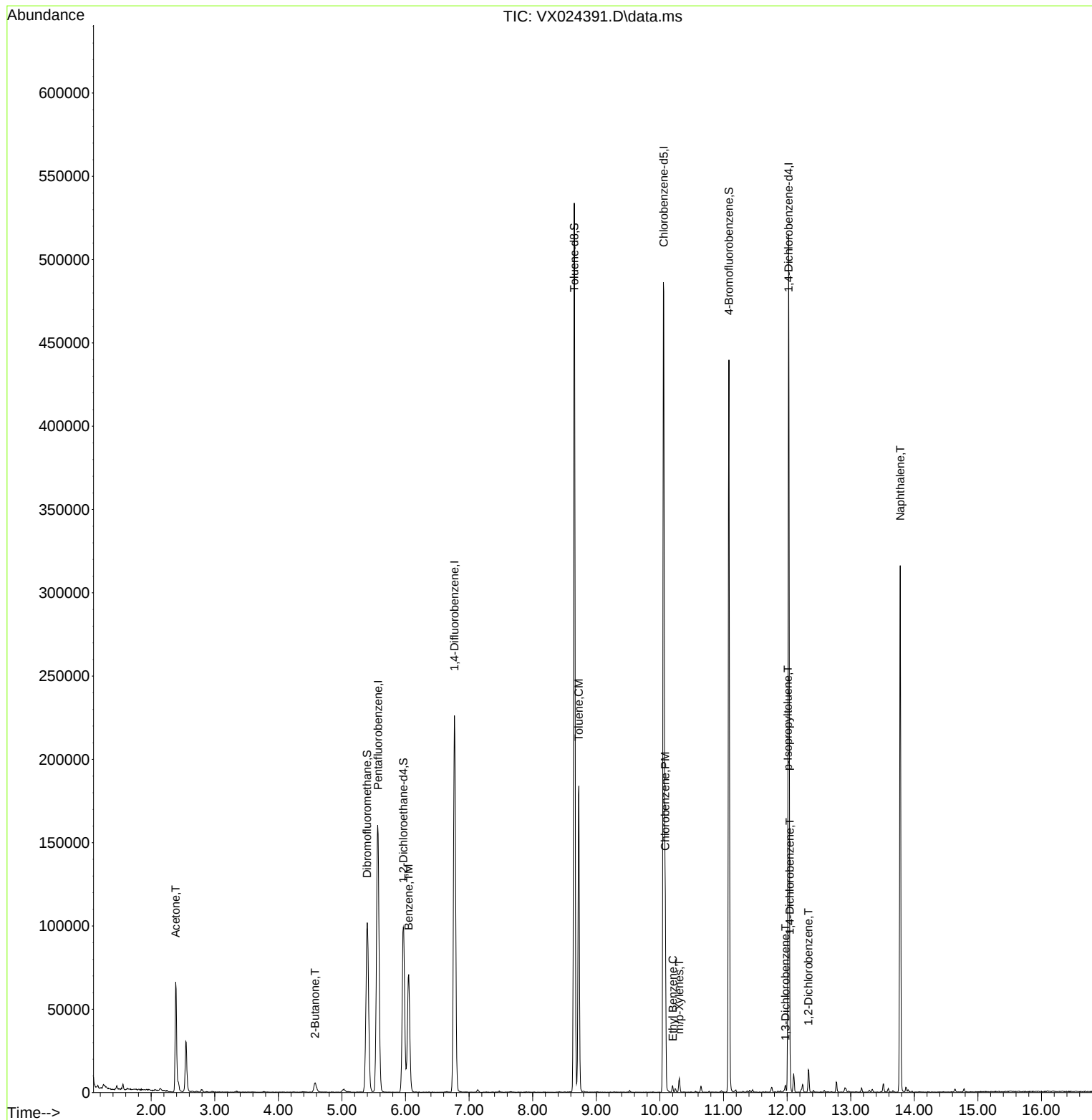
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Data File : VX024391.D
Acq On : 21 Sep 2021 17:12
Operator : JC/MD
Sample : M3835-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

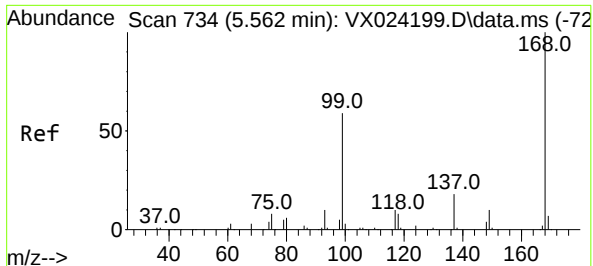
Instrument :
MSVOA_X
ClientSampled :
SW-CB-04-(1.0)

Manual Integrations
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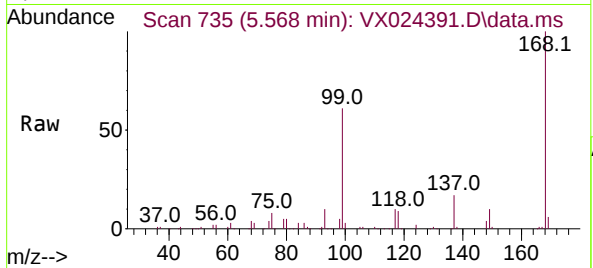
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Quant Time: Sep 22 04:51:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 21 10:52:48 2021
Response via : Initial Calibration

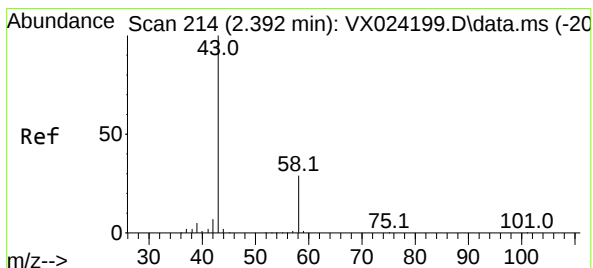
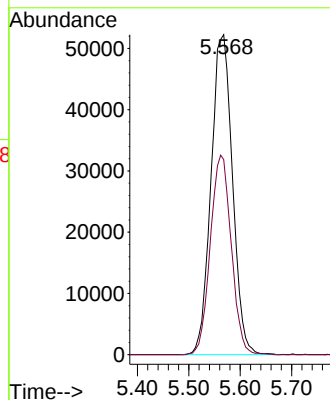
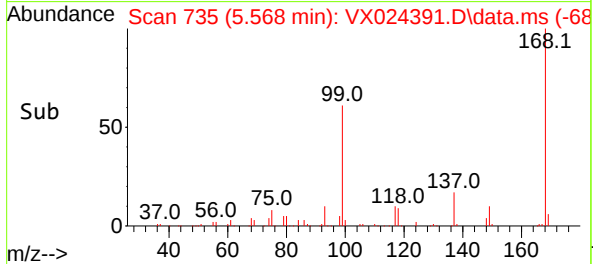




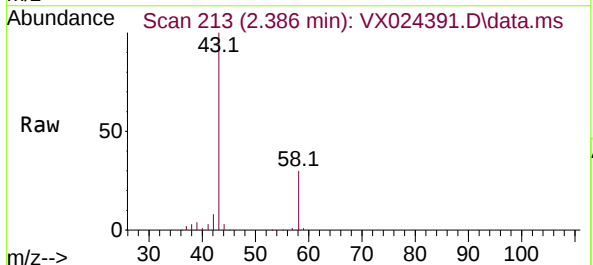
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024391.D
Acq: 21 Sep 2021 17:12



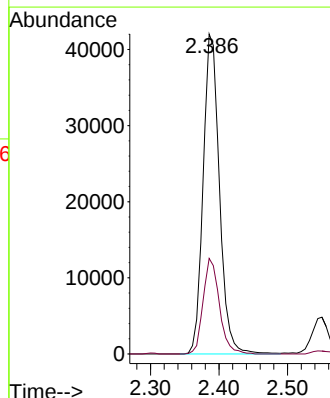
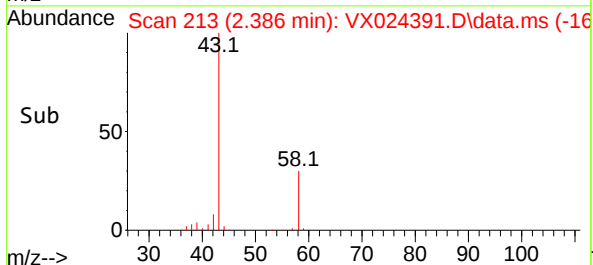
Tgt Ion:168 Resp: 151309
Ion Ratio Lower Upper
168 100
99 60.9 45.8 68.6



#16
Acetone
Concen: 75.803 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024391.D
Acq: 21 Sep 2021 17:12



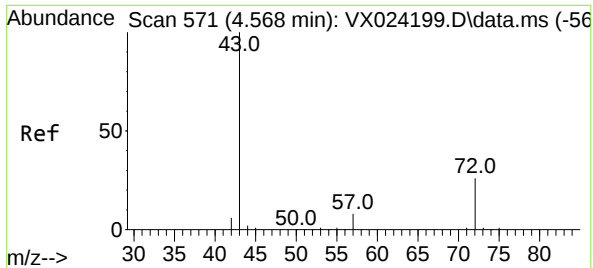
Tgt Ion: 43 Resp: 69738
Ion Ratio Lower Upper
43 100
58 29.9 27.8 41.8



Instrument :
MSVOA_X
ClientSampleId :
SW-CB-04-(1.0)

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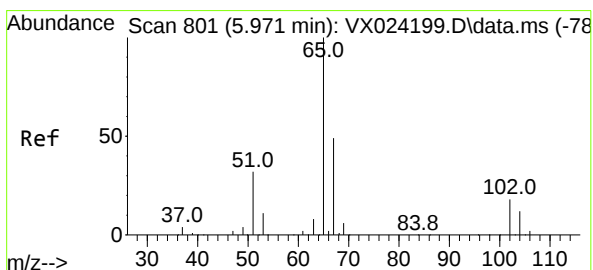
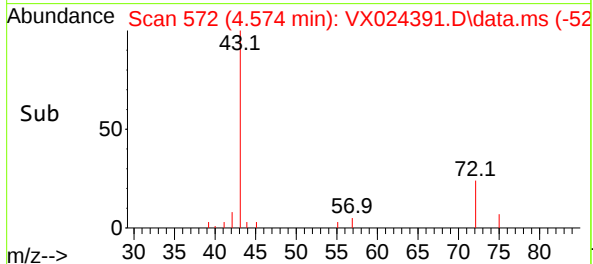
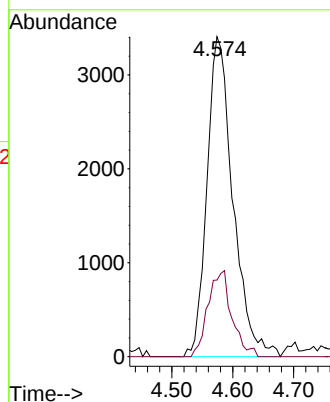
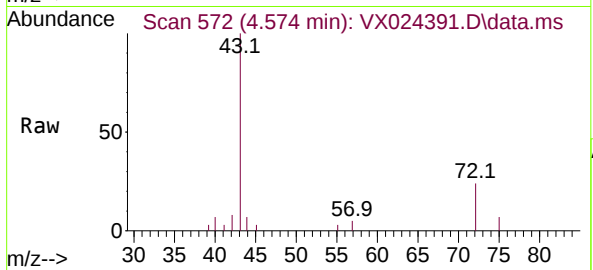
#25
2-Butanone
Concen: 7.449 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX024391.D
Acq: 21 Sep 2021 17:12

Instrument :
MSVOA_X
ClientSampleId :
SW-CB-04-(1.0)

Tgt Ion: 43 Resp: 10094
Ion Ratio Lower Upper
43 100
72 23.9 23.7 35.5

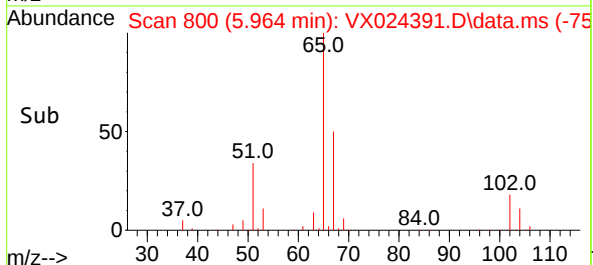
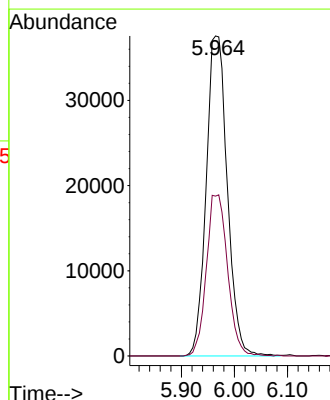
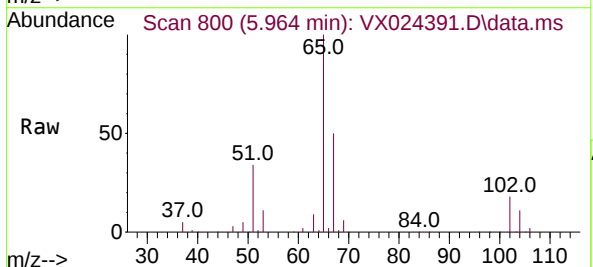
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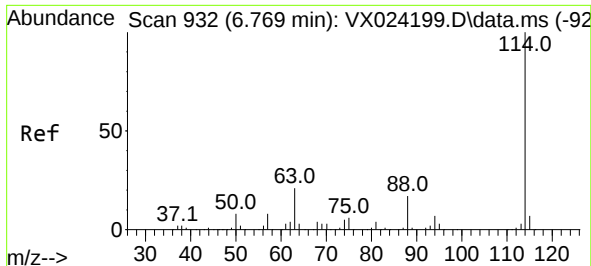
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#33
1,2-Dichloroethane-d4
Concen: 48.158 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024391.D
Acq: 21 Sep 2021 17:12

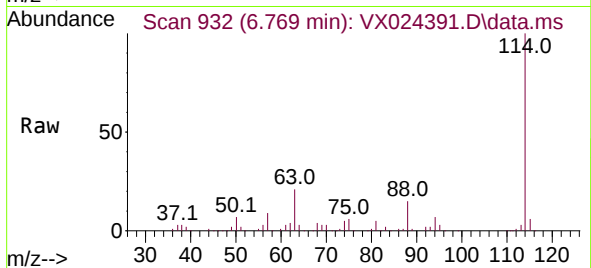
Tgt Ion: 65 Resp: 103906
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024391.D
Acq: 21 Sep 2021 17:12

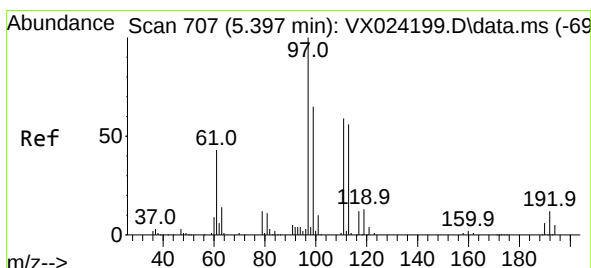
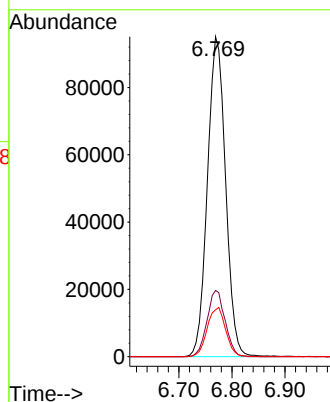
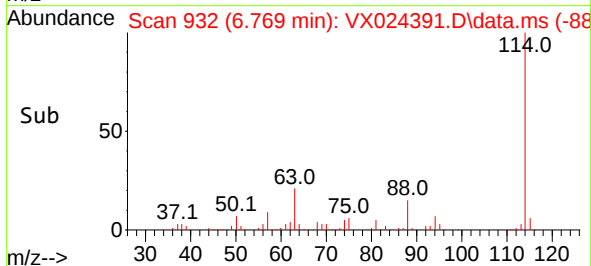
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-04-(1.0)



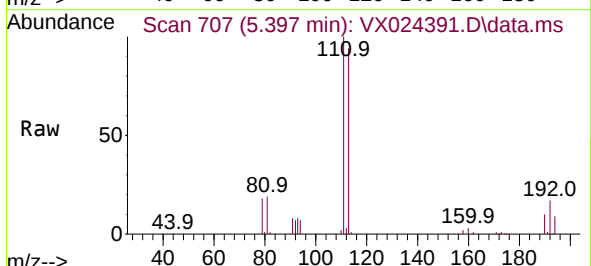
Tgt Ion:114 Resp: 225875
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 14.7 0.0 32.8

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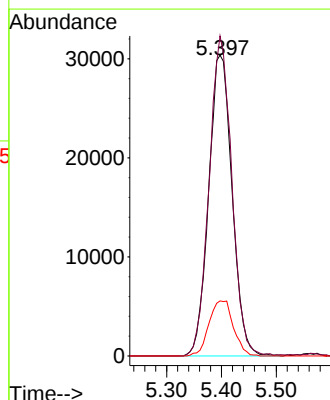
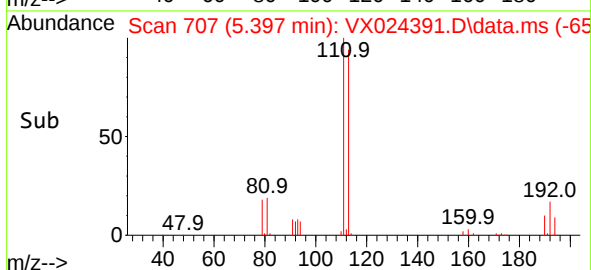
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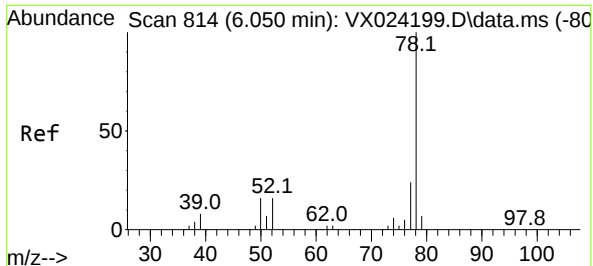


#35
Dibromofluoromethane
Concen: 59.394 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024391.D
Acq: 21 Sep 2021 17:12



Tgt Ion:113 Resp: 89971
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 19.1 16.7 25.1





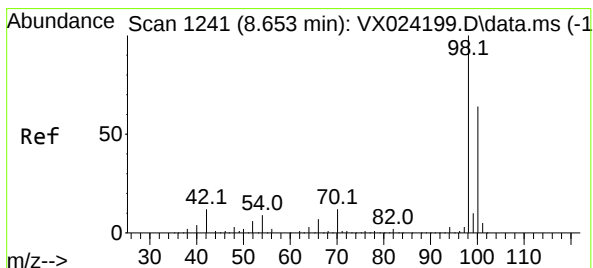
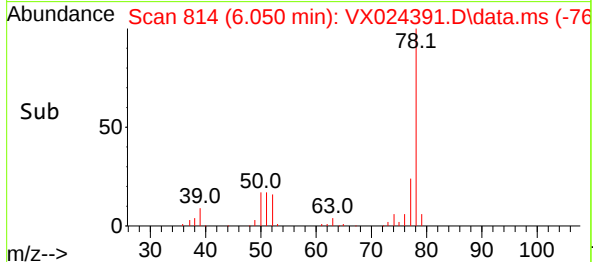
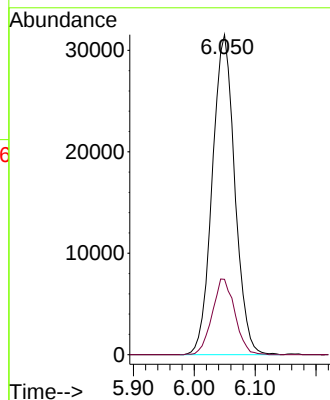
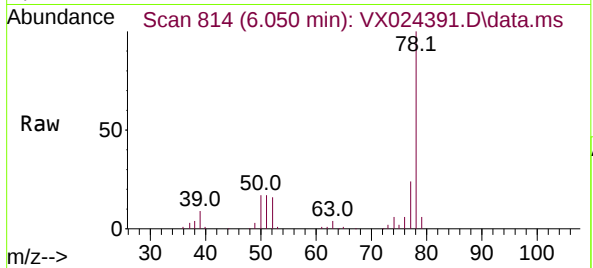
#40
Benzene
Concen: 13.600 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX024391.D
Acq: 21 Sep 2021 17:12

Tgt Ion: 78 Resp: 81003
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

Instrument :
MSVOA_X
ClientSampleId :
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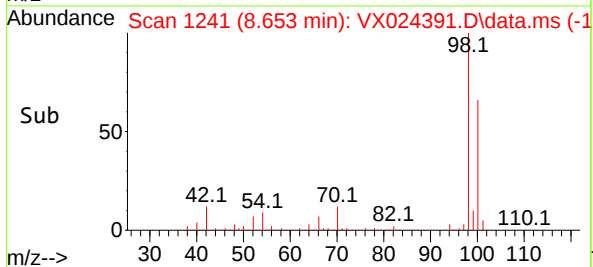
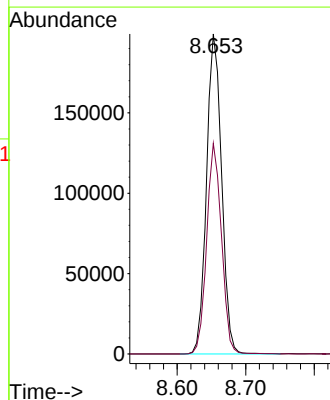
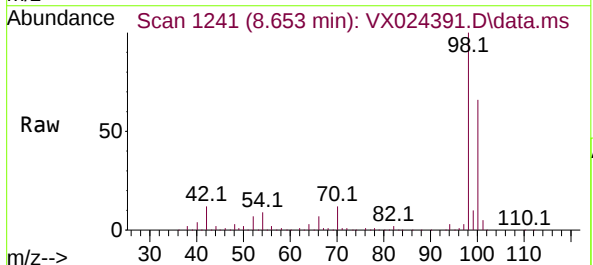
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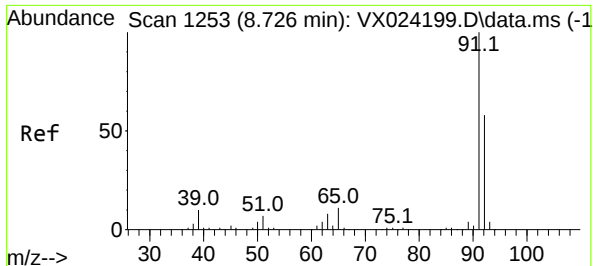
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#50
Toluene-d8
Concen: 55.254 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024391.D
Acq: 21 Sep 2021 17:12

Tgt Ion: 98 Resp: 304916
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9





#52

Toluene

Concen: 16.519 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. -0.000 min

Lab File: VX024391.D

Acq: 21 Sep 2021 17:12

Tgt Ion: 92 Resp: 64485

Ion Ratio Lower Upper

92 100

91 176.1 137.1 205.7

Instrument :

MSVOA_X

ClientSampleId :

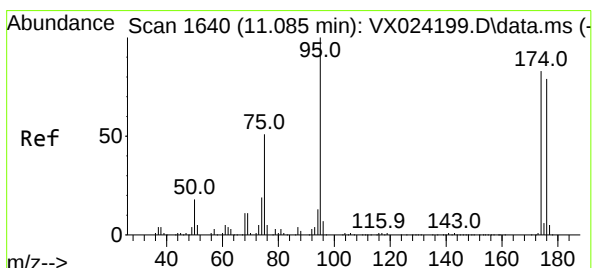
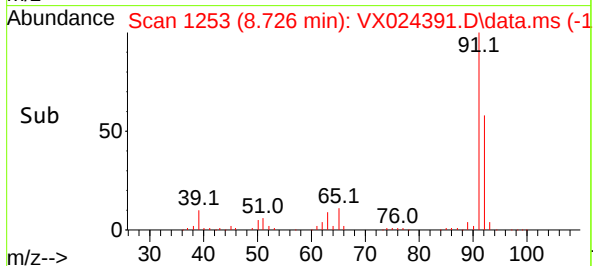
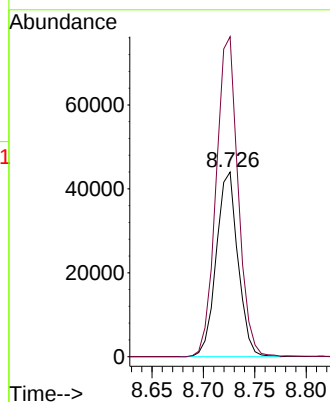
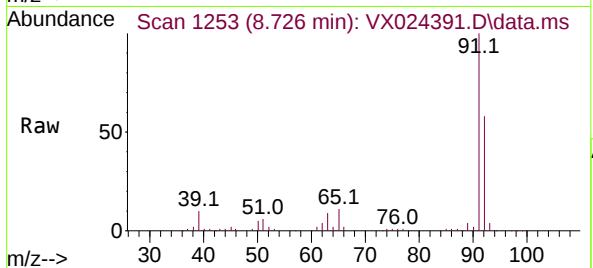
SW-CB-04-(1.0)

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 49.505 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024391.D

Acq: 21 Sep 2021 17:12

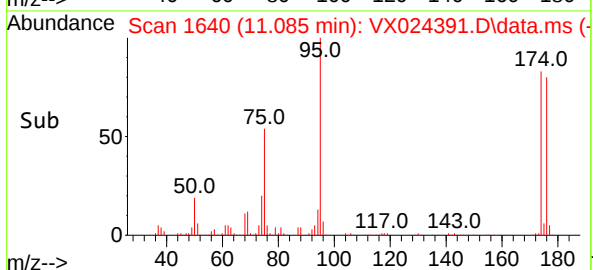
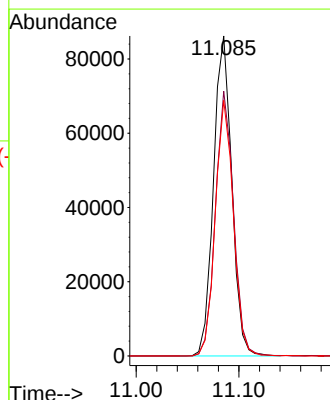
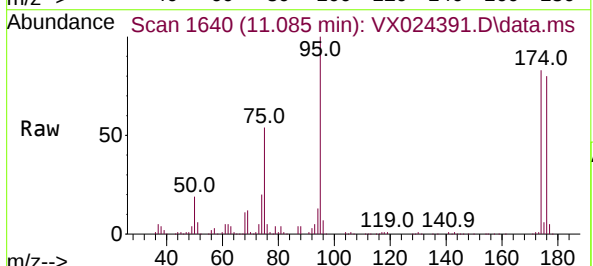
Tgt Ion: 95 Resp: 106316

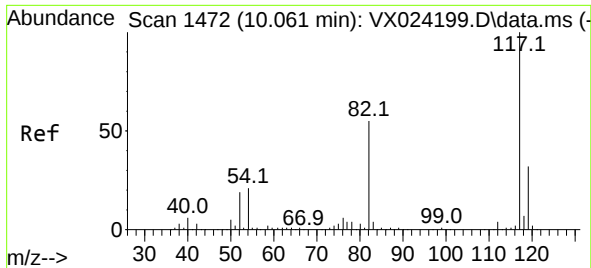
Ion Ratio Lower Upper

95 100

174 82.0 0.0 154.6

176 78.9 0.0 155.8





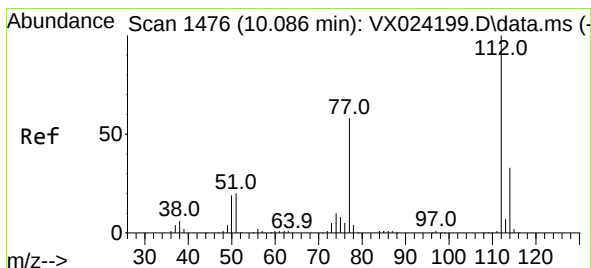
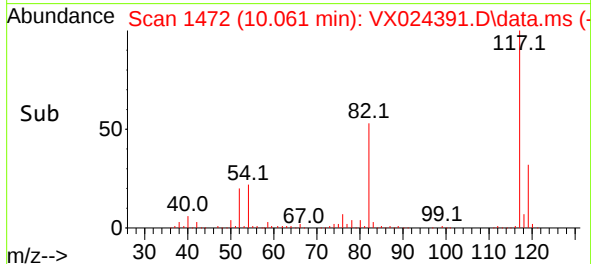
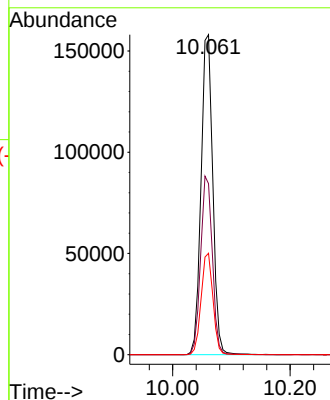
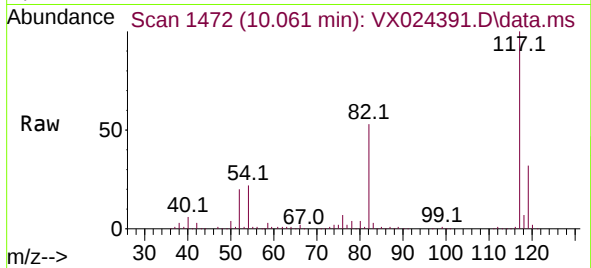
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024391.D
Acq: 21 Sep 2021 17:12

Tgt Ion:117 Resp: 219318
Ion Ratio Lower Upper
117 100
82 53.5 47.4 71.2
119 31.7 26.6 39.8

Instrument :
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SW-CB-04-(1.0)

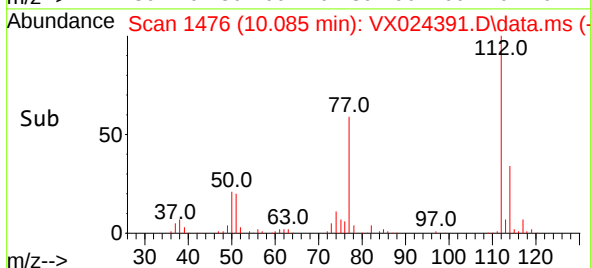
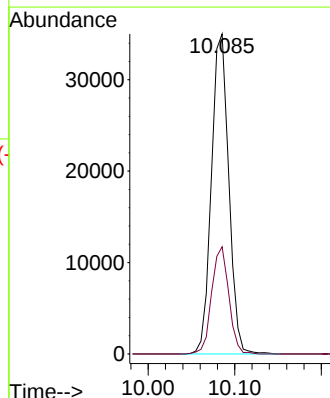
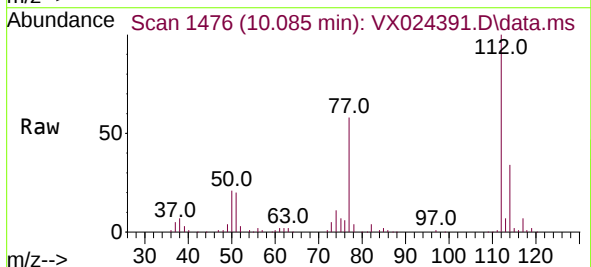
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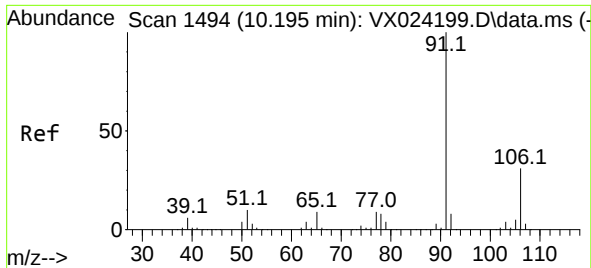
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#65
Chlorobenzene
Concen: 10.812 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. -0.001 min
Lab File: VX024391.D
Acq: 21 Sep 2021 17:12

Tgt Ion:112 Resp: 48784
Ion Ratio Lower Upper
112 100
114 33.5 25.8 38.6





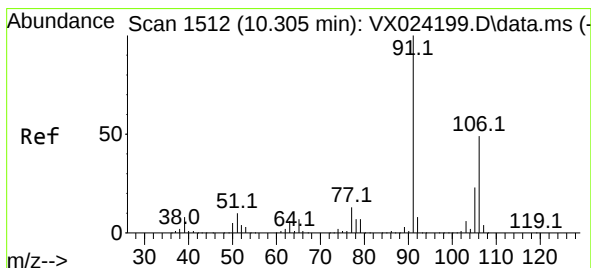
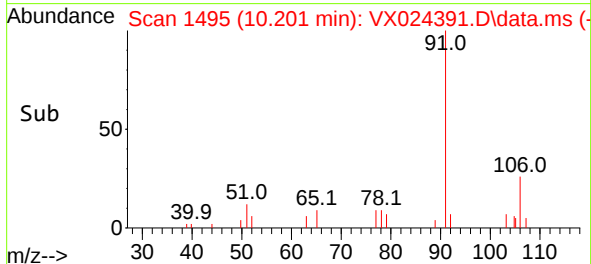
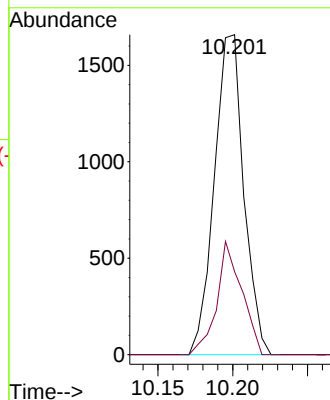
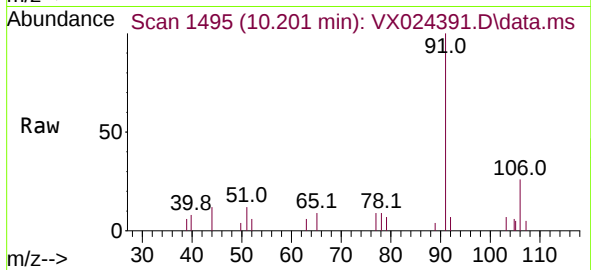
#67
Ethyl Benzene
Concen: 0.288 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX024391.D
Acq: 21 Sep 2021 17:12

Instrument :
MSVOA_X
ClientSampleId :
SW-CB-04-(1.0)

Tgt Ion: 91 Resp: 2271
Ion Ratio Lower Upper
91 100
106 25.9 24.6 37.0

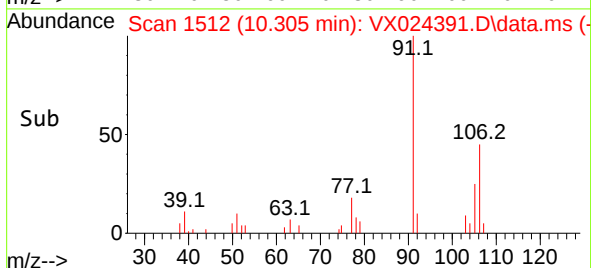
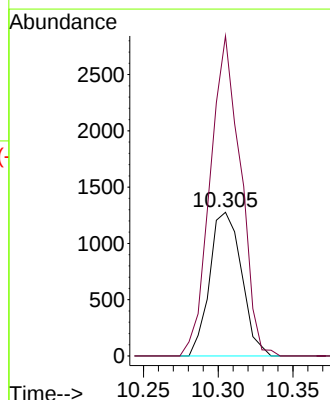
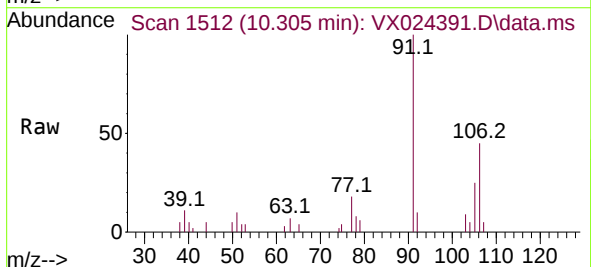
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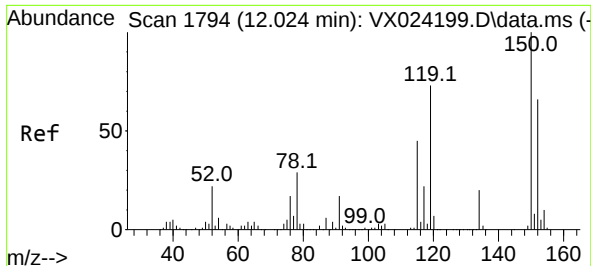
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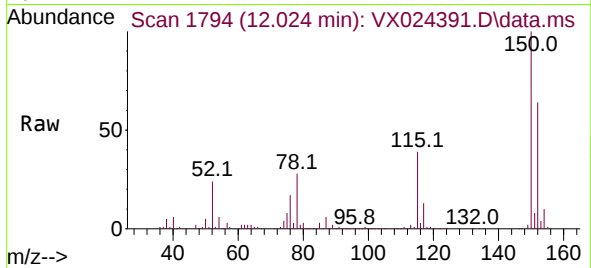
#68
m/p-Xylenes
Concen: 0.626 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX024391.D
Acq: 21 Sep 2021 17:12

Tgt Ion: 106 Resp: 1892
Ion Ratio Lower Upper
106 100
91 212.3 162.8 244.2

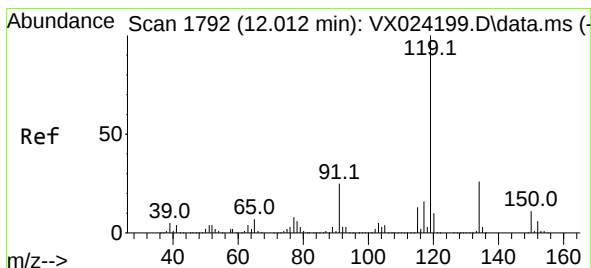
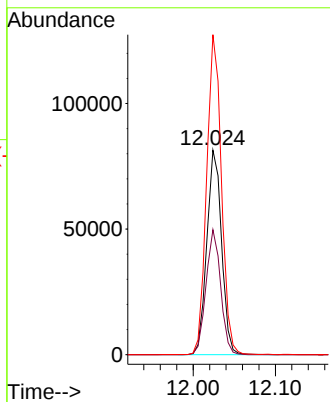
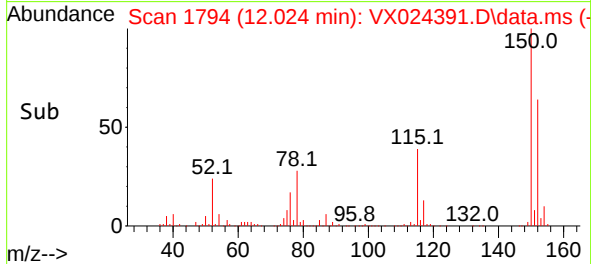




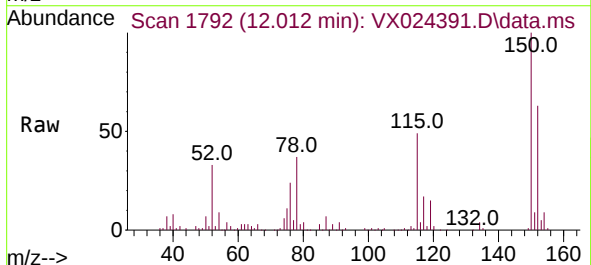
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024391.D
Acq: 21 Sep 2021 17:12



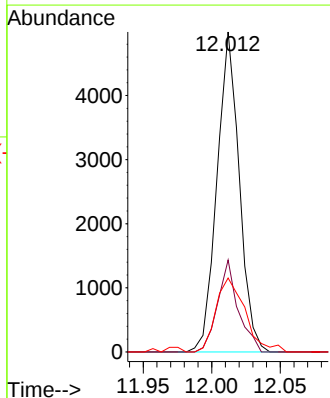
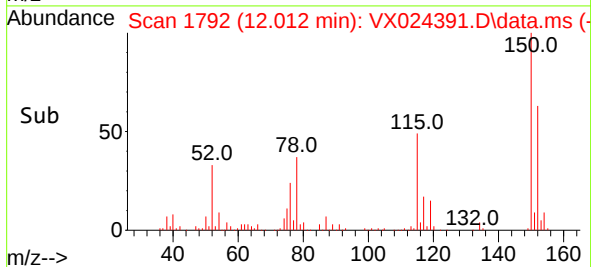
Tgt Ion:152 Resp: 101656
Ion Ratio Lower Upper
152 100
115 60.5 41.1 123.3
150 156.4 0.0 349.0



#86
p-Isopropyltoluene
Concen: 0.869 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX024391.D
Acq: 21 Sep 2021 17:12



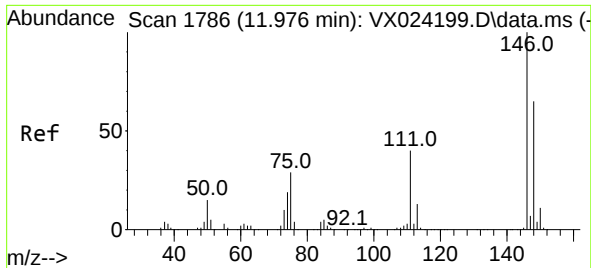
Tgt Ion:119 Resp: 5626
Ion Ratio Lower Upper
119 100
134 26.6 12.9 38.7
91 30.4 11.7 35.0



Instrument :
MSVOA_X
ClientSampleId :
SW-CB-04-(1.0)

Manual Integrations
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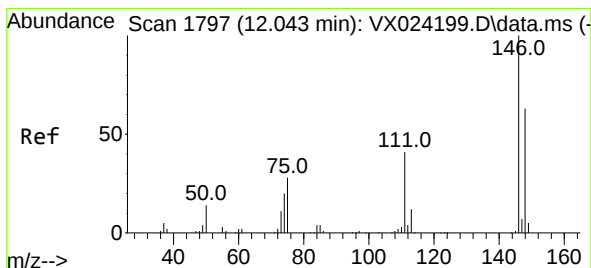
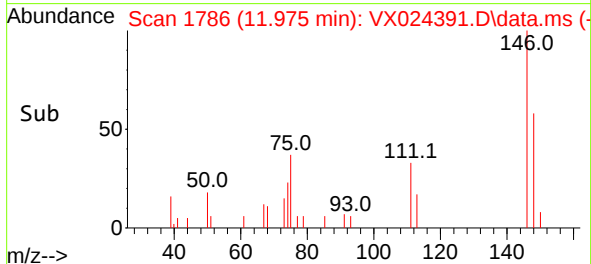
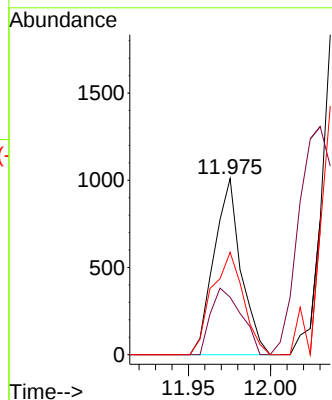
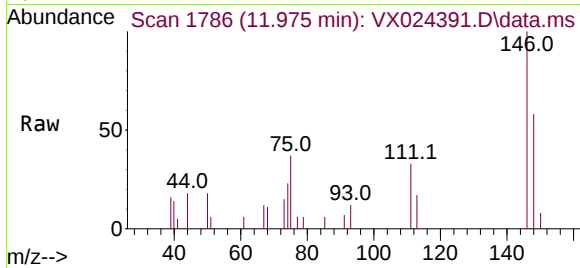
#87
1,3-Dichlorobenzene
Concen: 0.339 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. -0.001 min
Lab File: VX024391.D
Acq: 21 Sep 2021 17:12

Tgt Ion:146 Resp: 1156
Ion Ratio Lower Upper
146 100
111 42.4 20.2 60.5
148 67.6 31.9 95.7

Instrument :
MSVOA_X
ClientSampleId :
SW-CB-04-(1.0)

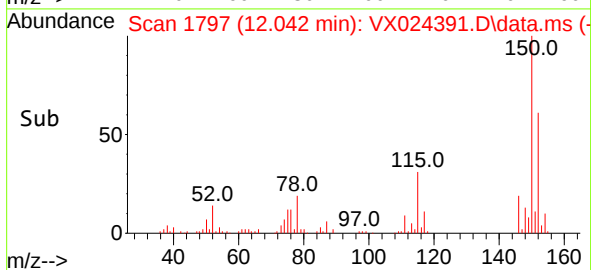
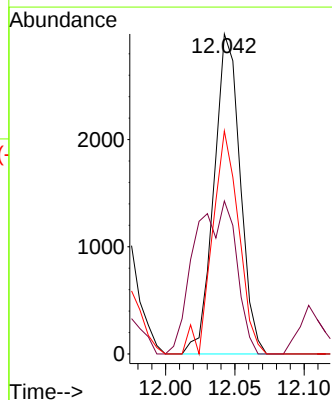
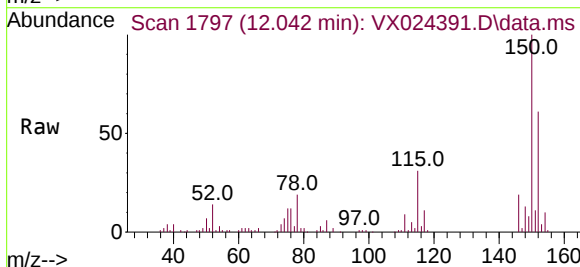
Manual Integrations
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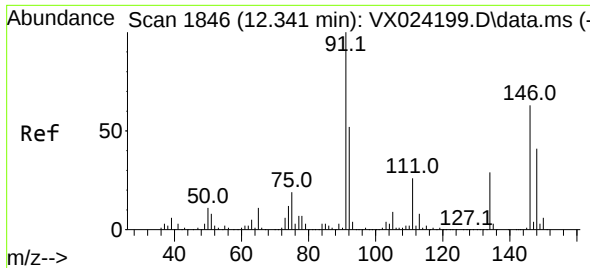
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#88
1,4-Dichlorobenzene
Concen: 1.127 ug/l m
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX024391.D
Acq: 21 Sep 2021 17:12

Tgt Ion:146 Resp: 3921
Ion Ratio Lower Upper
146 100
111 12.5 19.6 58.8#
148 19.9 31.6 95.0#





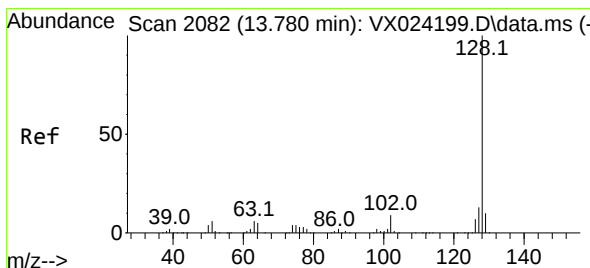
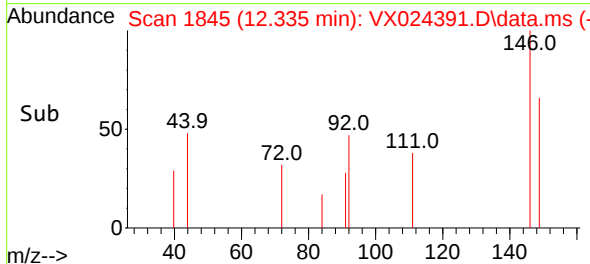
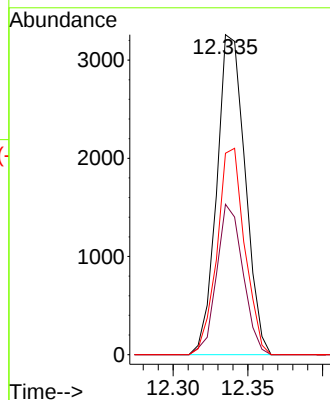
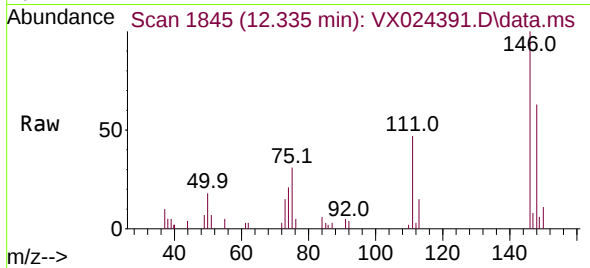
#91
1,2-Dichlorobenzene
Concen: 1.286 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX024391.D
Acq: 21 Sep 2021 17:12

Tgt Ion:146	Resp:	4298
Ion Ratio	Lower	Upper
146	100	
111	43.6	20.8 62.2
148	62.7	31.9 95.5

Instrument :
MSVOA_X
ClientSampleId :
SW-CB-04-(1.0)

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#95
Naphthalene
Concen: 26.122 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024391.D
Acq: 21 Sep 2021 17:12

Tgt Ion:128	Resp:	185196
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.3 15.5
129	11.0	8.8 13.2

