

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091621\
 Data File : VX024297.D
 Acq On : 16 Sep 2021 18:50
 Operator : JC/MD
 Sample : M3774-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-CB-03-(1.0)

Manual Integrations
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Quant Time: Sep 17 04:42:36 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	136419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	235443	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	209344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	101052	51.947	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.900%			
35) Dibromofluoromethane	5.397	113	78064	49.439	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.880%			
50) Toluene-d8	8.653	98	295581	51.386	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.780%			
62) 4-Bromofluorobenzene	11.085	95	97505	43.557	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.120%			
Target Compounds						
8) Diethyl Ether	2.142	74	1249	1.579	ug/l	79
16) Acetone	2.386	43	4224	5.092	ug/l #	87
30) Chloroform	5.111	83	998	0.356	ug/l #	75
40) Benzene	6.050	78	125943	20.286	ug/l	98
65) Chlorobenzene	10.086	112	80592	18.712	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	1384	0.486	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	4033m	1.388	ug/l	
91) 1,2-Dichlorobenzene	12.335	146	4141	1.483	ug/l	98

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

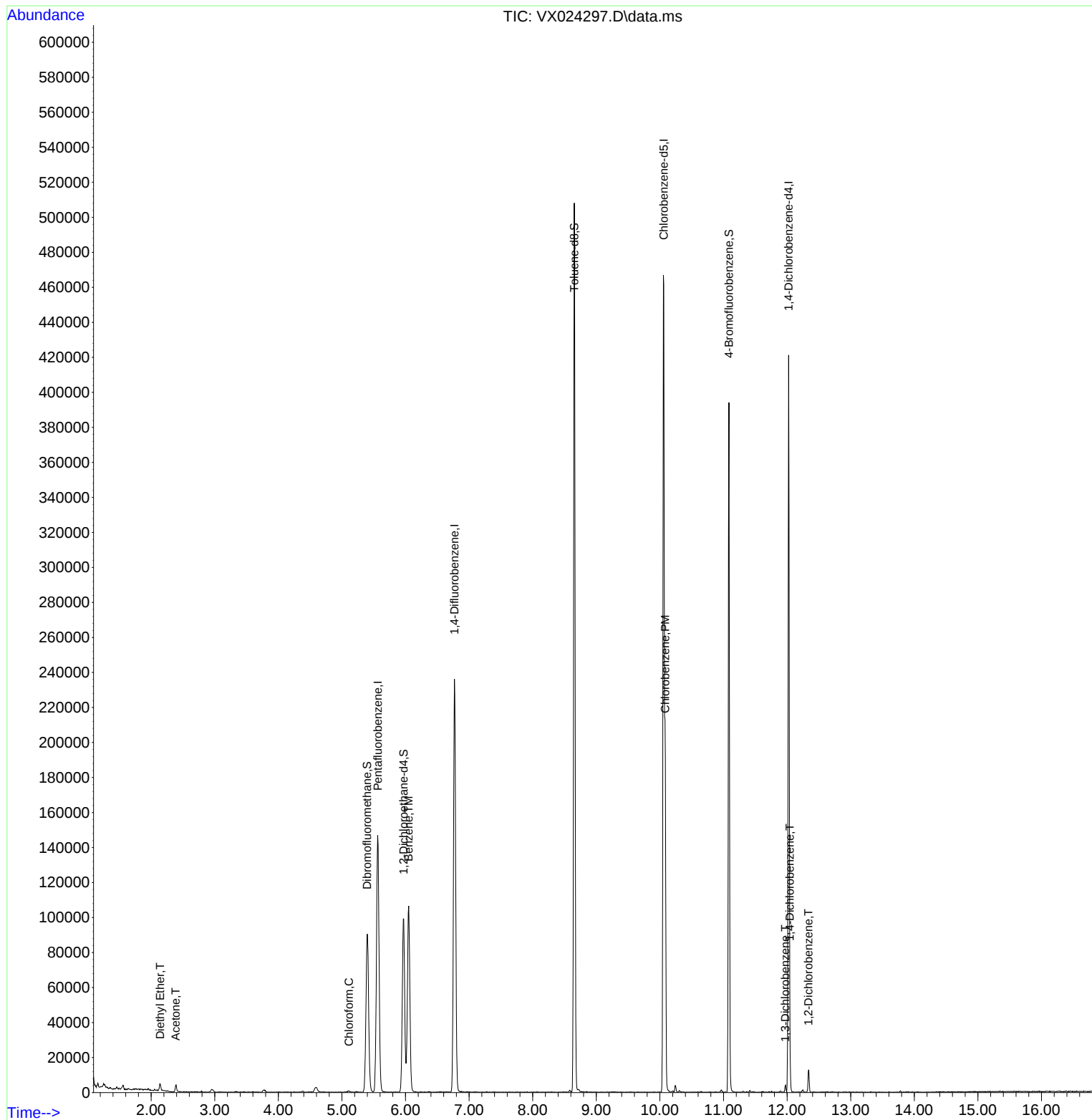
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Data File : VX024297.D
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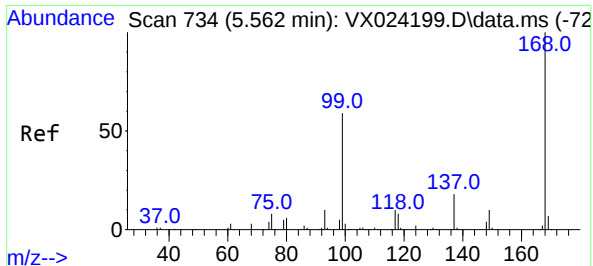
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)

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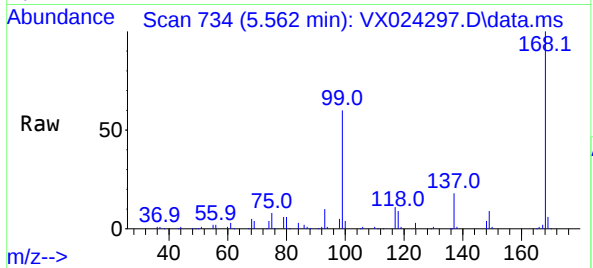
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 14 12:18:04 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024297.D
Acq: 16 Sep 2021 18:50

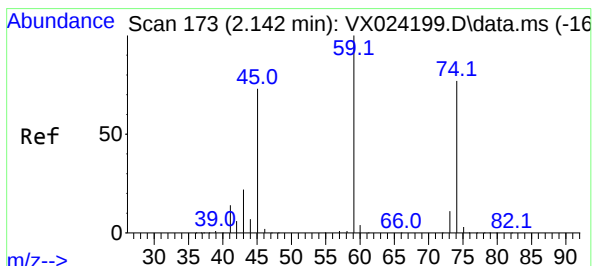
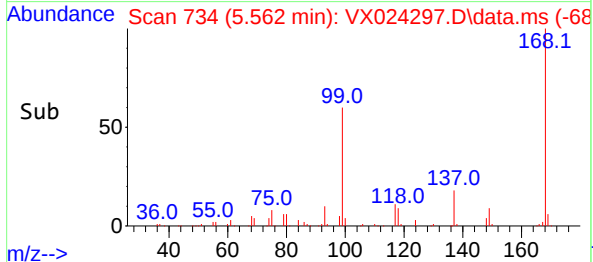
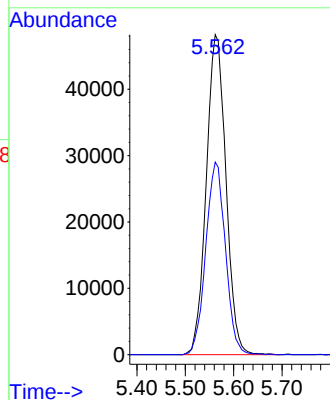
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)



Tgt Ion:168 Resp: 136419
Ion Ratio Lower Upper
168 100
99 60.2 45.8 68.6

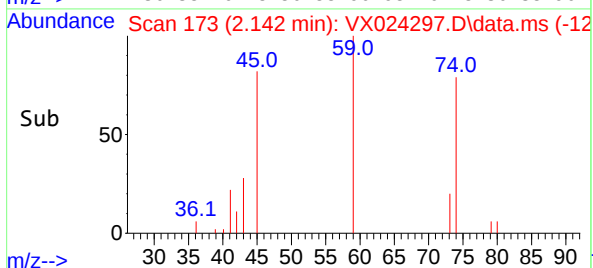
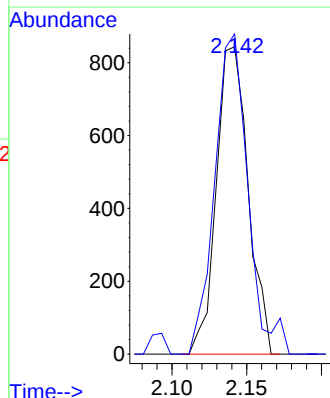
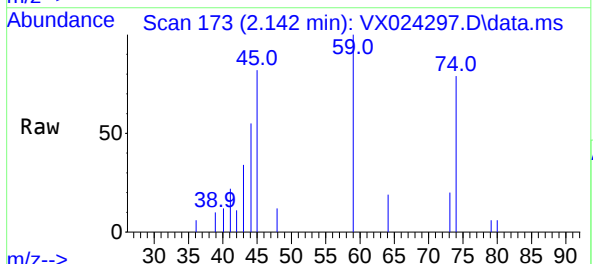
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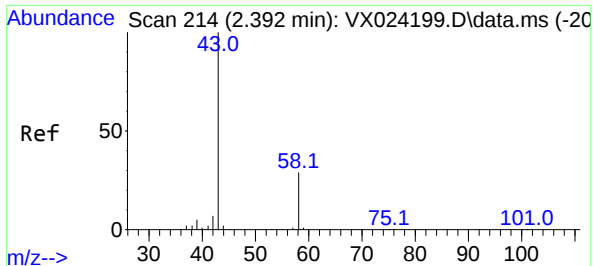
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#8
Diethyl Ether
Concen: 1.579 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.000 min
Lab File: VX024297.D
Acq: 16 Sep 2021 18:50

Tgt Ion: 74 Resp: 1249
Ion Ratio Lower Upper
74 100
45 108.2 44.5 133.5





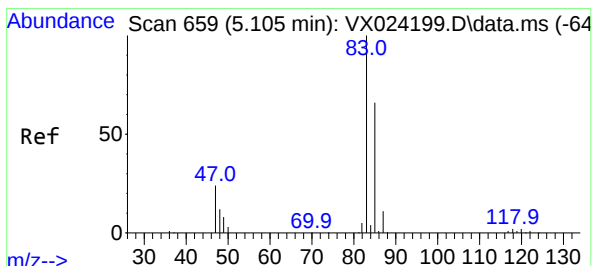
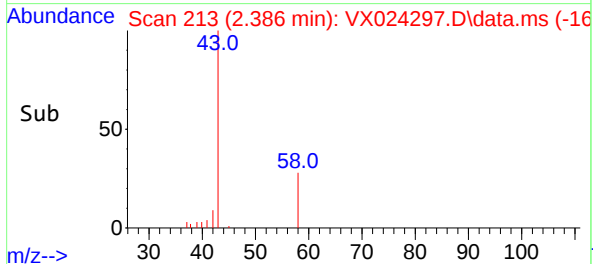
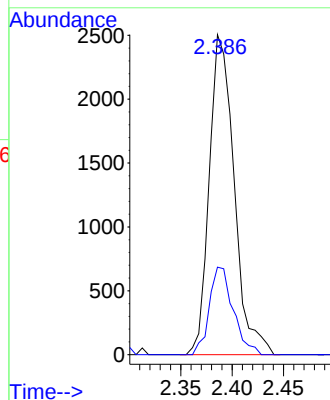
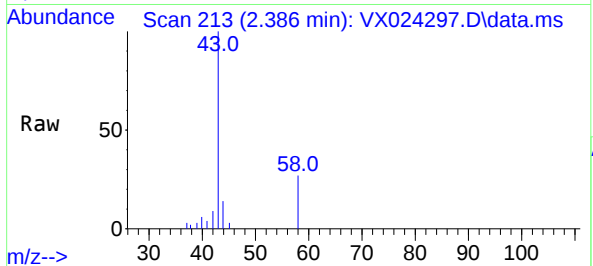
#16
Acetone
Concen: 5.092 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024297.D
Acq: 16 Sep 2021 18:50

Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)

Tgt Ion: 43 Resp: 4224
Ion Ratio Lower Upper
43 100
58 27.3 27.8 41.8#

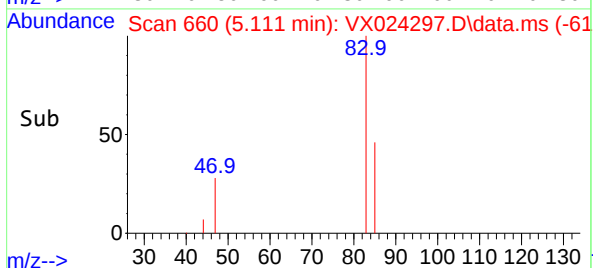
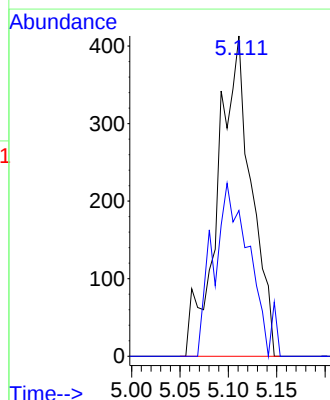
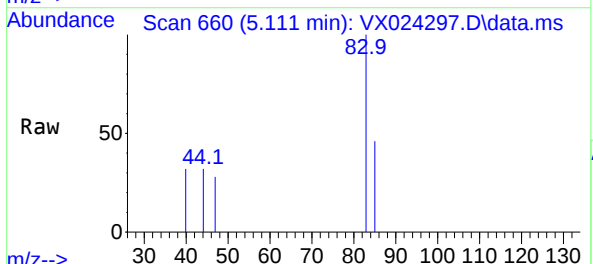
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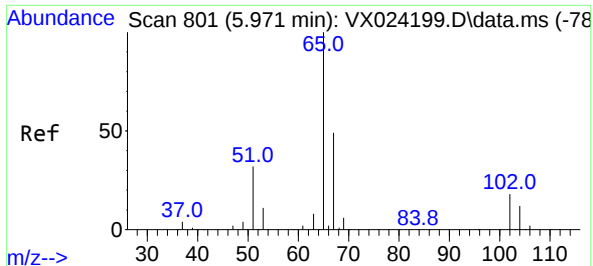
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#30
Chloroform
Concen: 0.356 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.006 min
Lab File: VX024297.D
Acq: 16 Sep 2021 18:50

Tgt Ion: 83 Resp: 998
Ion Ratio Lower Upper
83 100
85 45.5 52.0 78.0#





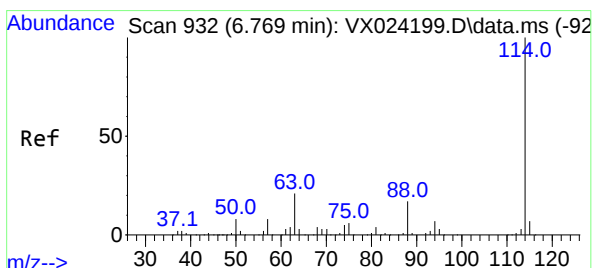
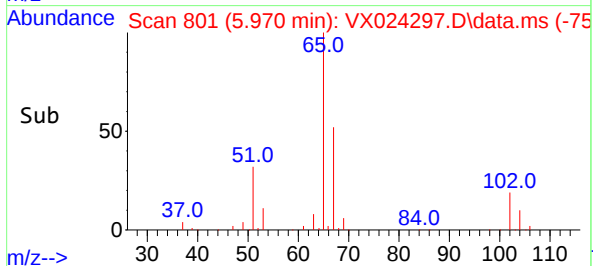
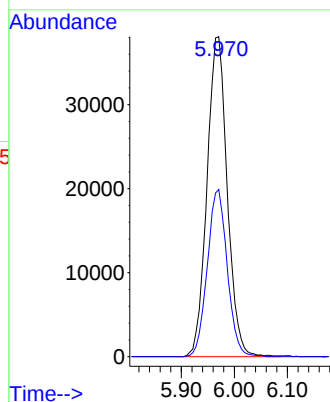
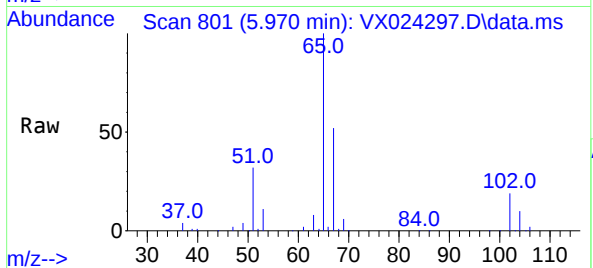
#33
1,2-Dichloroethane-d4
Concen: 51.947 ug/l
RT: 5.970 min Scan# 801
Delta R.T. -0.001 min
Lab File: VX024297.D
Acq: 16 Sep 2021 18:50

Tgt Ion: 65 Resp: 101052
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)

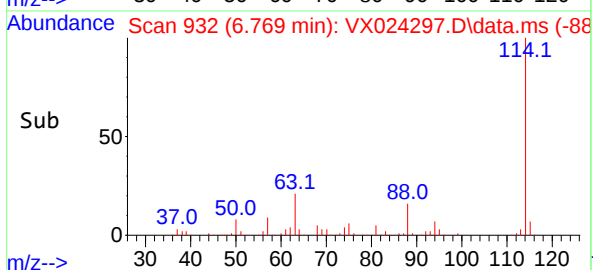
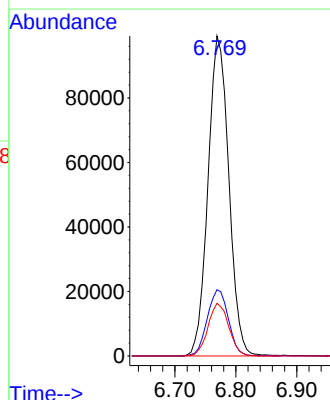
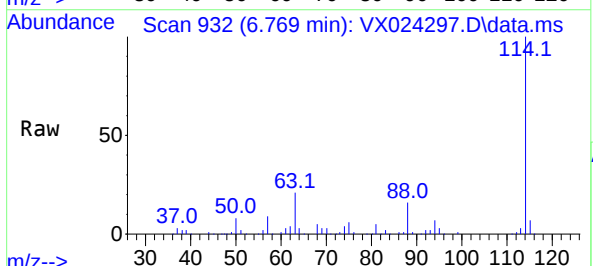
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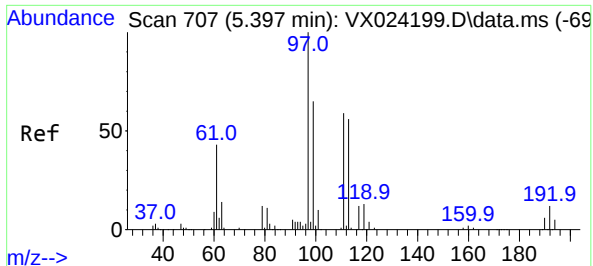
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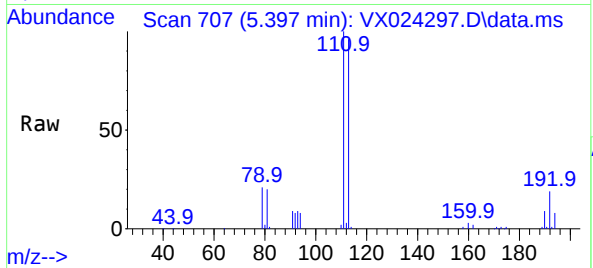
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024297.D
Acq: 16 Sep 2021 18:50

Tgt Ion: 114 Resp: 235443
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.4 0.0 32.8

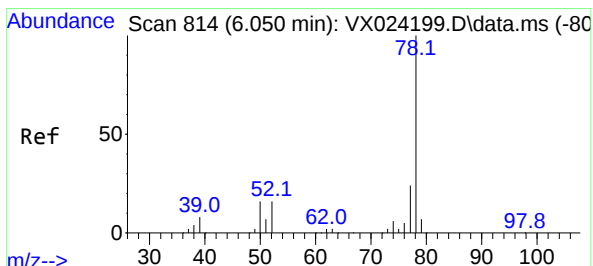
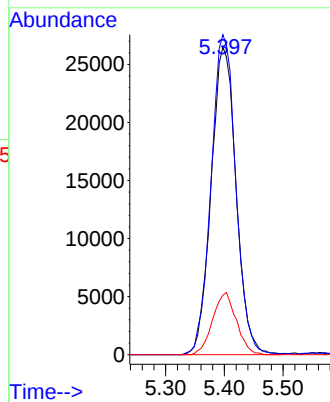
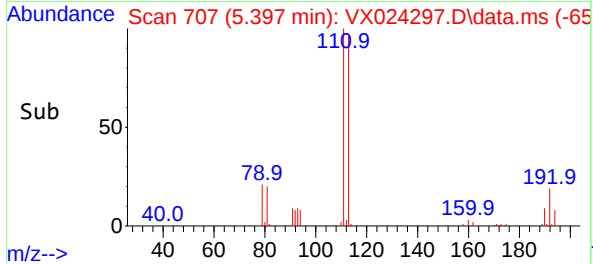




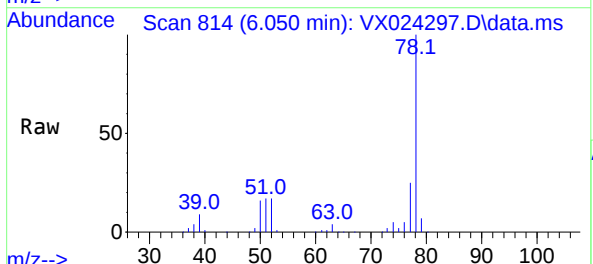
#35
Dibromofluoromethane
Concen: 49.439 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024297.D
Acq: 16 Sep 2021 18:50



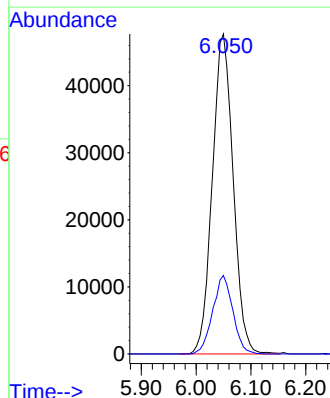
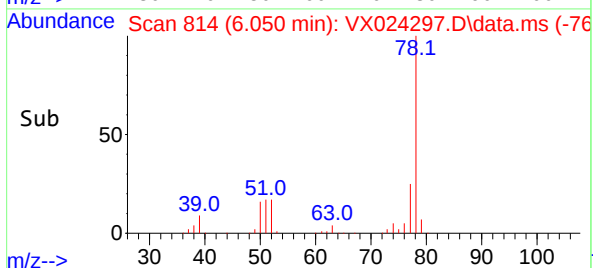
Tgt Ion: 113 Resp: 78064
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 19.2 16.7 25.1



#40
Benzene
Concen: 20.286 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX024297.D
Acq: 16 Sep 2021 18:50



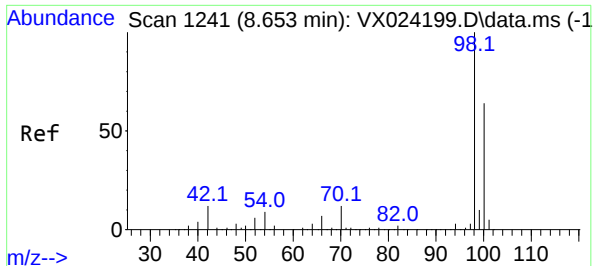
Tgt Ion: 78 Resp: 125943
Ion Ratio Lower Upper
78 100
77 24.5 18.9 28.3



Instrument :
MSVOA_X
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SW-CB-03-(1.0)

Manual Integrations
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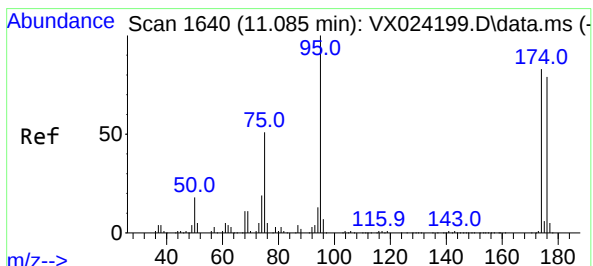
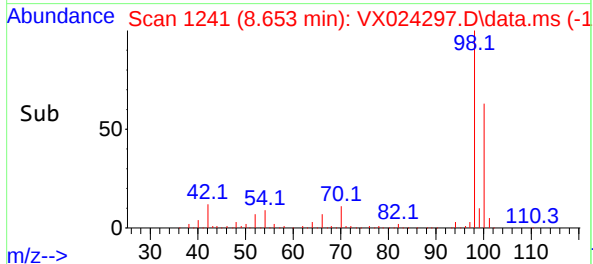
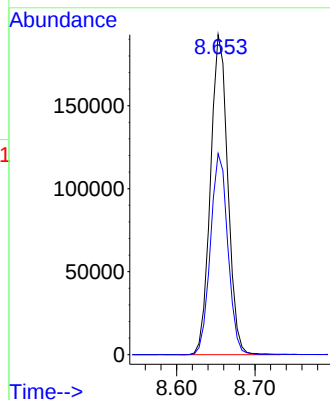
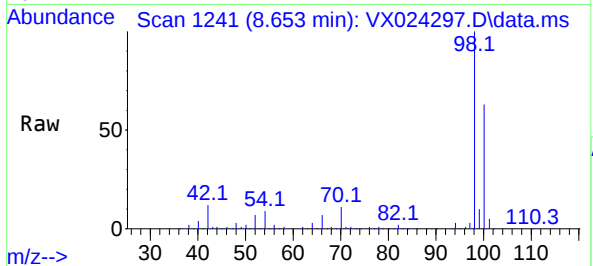
#50
Toluene-d8
Concen: 51.386 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024297.D
Acq: 16 Sep 2021 18:50

Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)

Tgt Ion: 98 Resp: 295581
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9

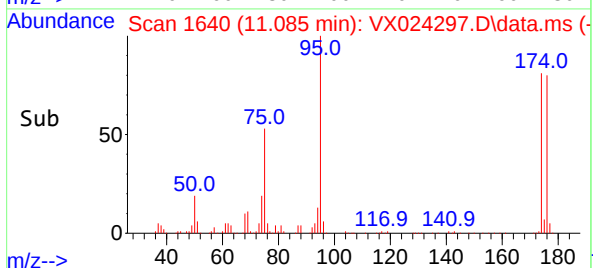
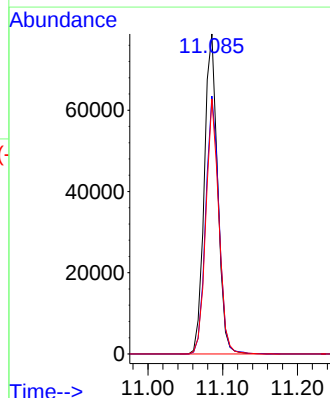
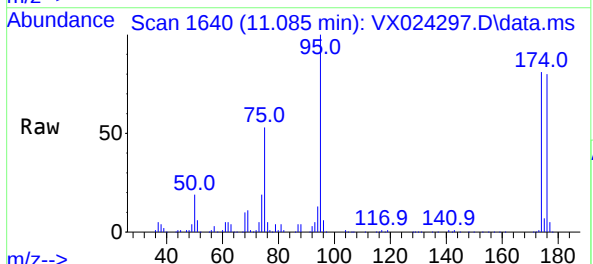
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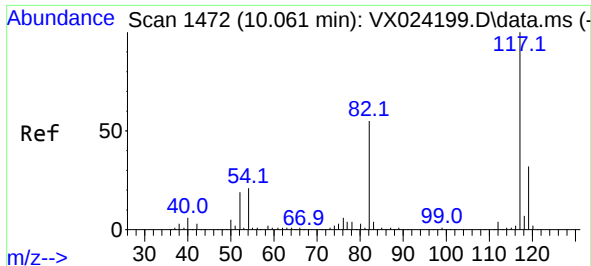
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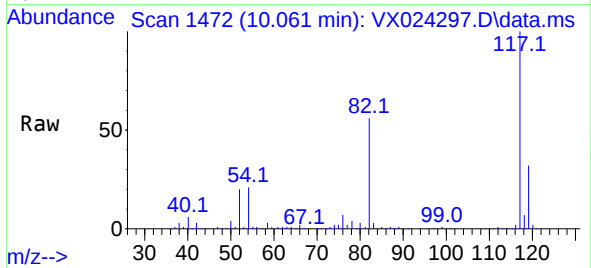
#62
4-Bromofluorobenzene
Concen: 43.557 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024297.D
Acq: 16 Sep 2021 18:50

Tgt Ion: 95 Resp: 97505
Ion Ratio Lower Upper
95 100
174 79.8 0.0 154.6
176 77.1 0.0 155.8

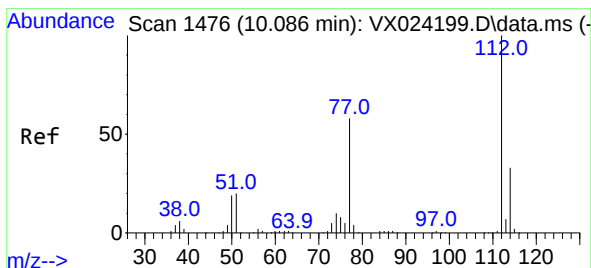
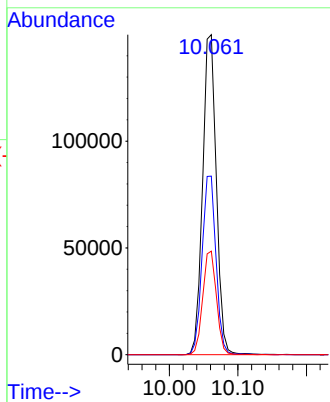
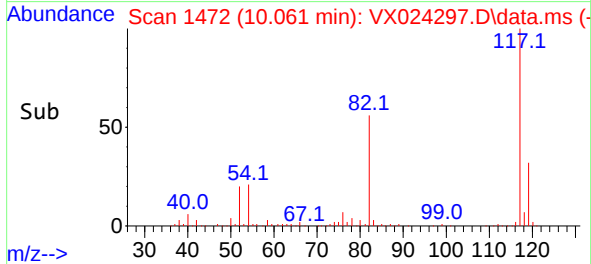




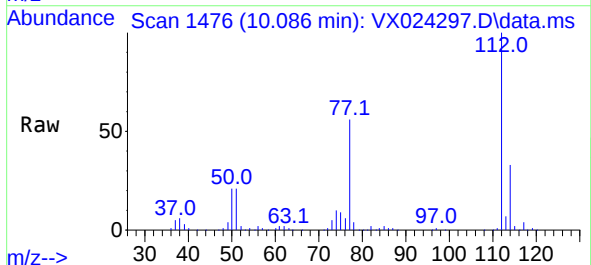
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Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024297.D
Acq: 16 Sep 2021 18:50



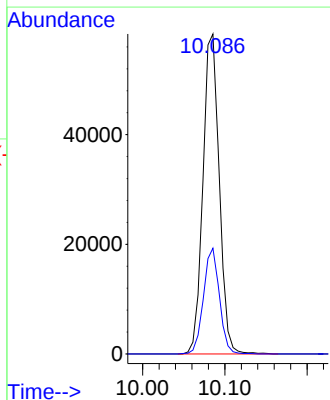
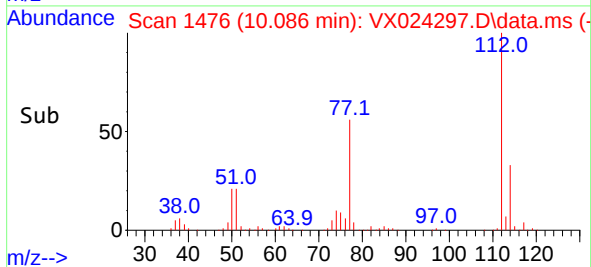
Tgt Ion:117 Resp: 209344
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 32.4 26.6 39.8



#65
Chlorobenzene
Concen: 18.712 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VX024297.D
Acq: 16 Sep 2021 18:50



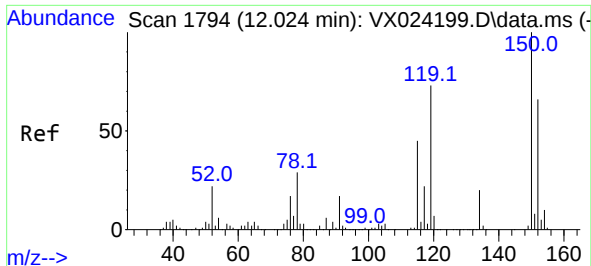
Tgt Ion:112 Resp: 80592
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.6



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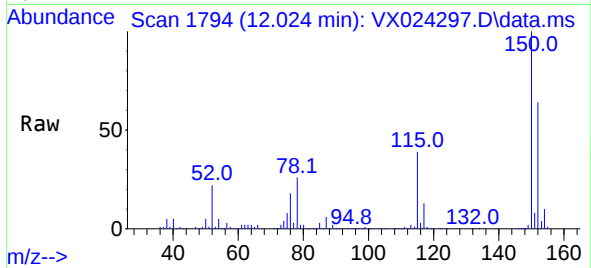
Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024297.D
Acq: 16 Sep 2021 18:50

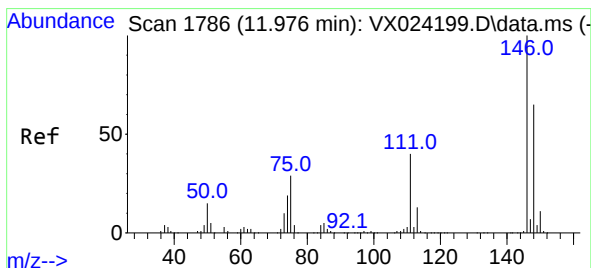
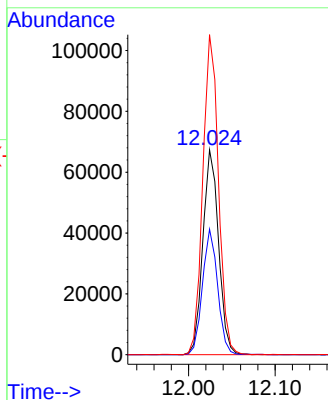
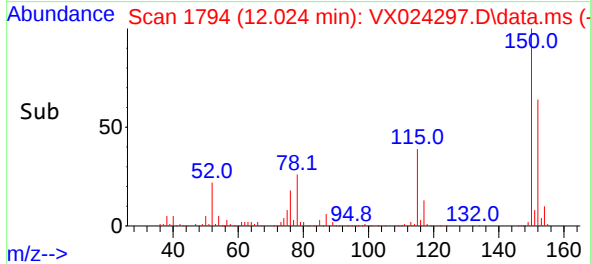
Instrument :
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SW-CB-03-(1.0)



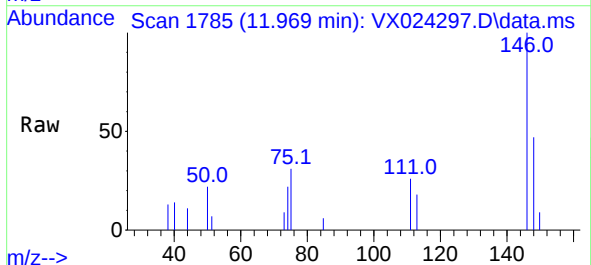
Tgt Ion:152 Resp: 84919
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 155.5 0.0 349.0

Manual Integrations
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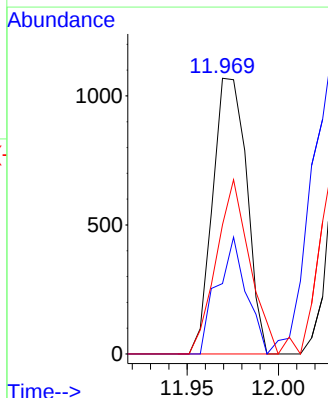
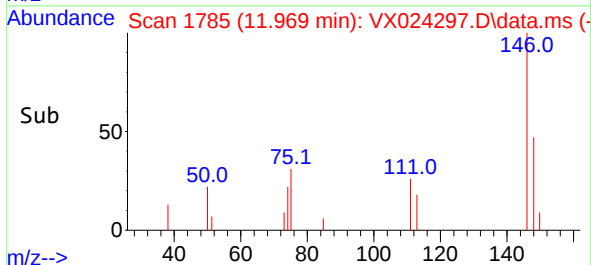
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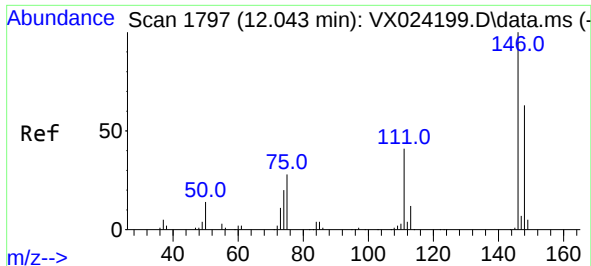


#87
1,3-Dichlorobenzene
Concen: 0.486 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.007 min
Lab File: VX024297.D
Acq: 16 Sep 2021 18:50



Tgt Ion:146 Resp: 1384
Ion Ratio Lower Upper
146 100
111 36.4 20.2 60.5
148 62.2 31.9 95.7





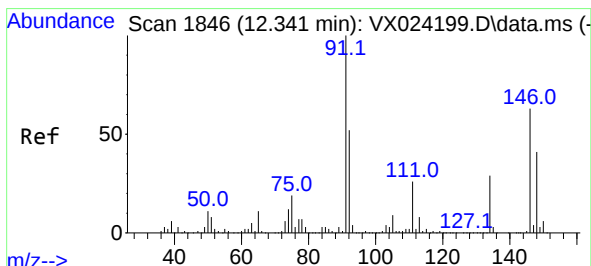
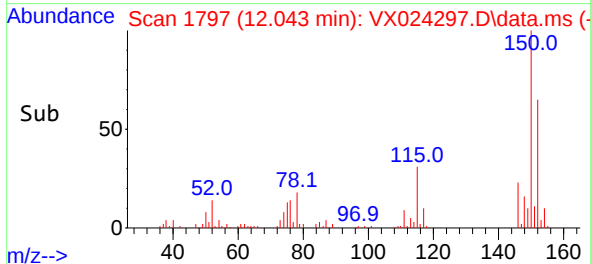
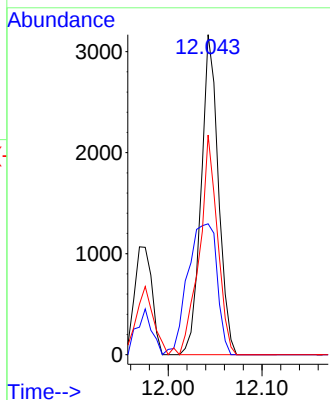
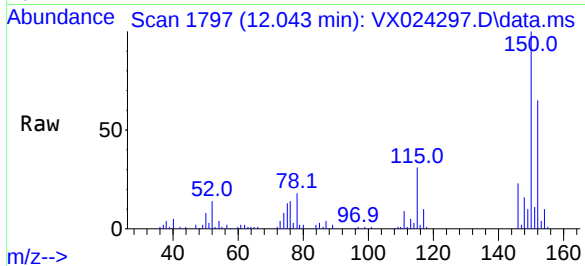
#88
1,4-Dichlorobenzene
Concen: 1.388 ug/l m
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX024297.D
Acq: 16 Sep 2021 18:50

Tgt Ion:146 Resp: 4033
Ion Ratio Lower Upper
146 100
111 12.5 19.6 58.8#
148 21.3 31.6 95.0#

Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)

Manual Integrations
APPROVED

MMDadoda
9/17/2021 2:32:18 PM



#91
1,2-Dichlorobenzene
Concen: 1.483 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX024297.D
Acq: 16 Sep 2021 18:50

Tgt Ion:146 Resp: 4141
Ion Ratio Lower Upper
146 100
111 39.5 20.8 62.2
148 63.1 31.9 95.5

