

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082721\
 Data File : VX023997.D
 Acq On : 27 Aug 2021 17:07
 Operator : JC/MD
 Sample : M3561-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VE3-1

Manual Integrations
 APPROVED

SAM
 8/30/2021 9:15:48 AM

Quant Time: Aug 28 04:58:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	138391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234850	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99741	51.639	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.280%			
35) Dibromofluoromethane	5.397	113	78361	50.412	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.820%			
50) Toluene-d8	8.653	98	286833	48.483	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.960%			
62) 4-Bromofluorobenzene	11.085	95	106789	49.033	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.060%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	18664	21.611	ug/l	90
25) 2-Butanone	4.581	43	7302	5.582	ug/l	96
29) Tetrahydrofuran	5.026	42	5464	6.449	ug/l	90
40) Benzene	6.044	78	1631	0.254	ug/l #	86
52) Toluene	8.720	92	2914	0.699	ug/l	98
65) Chlorobenzene	10.080	112	19244	4.195	ug/l	96
67) Ethyl Benzene	10.195	91	3378	0.422	ug/l	91
68) m/p-Xylenes	10.305	106	2445	0.801	ug/l	100
69) o-Xylene	10.647	106	4905	1.636	ug/l	97
73) Isopropylbenzene	10.970	105	3935	0.524	ug/l	94
78) n-propylbenzene	11.305	91	8346	0.971	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	21540	3.488	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	47070	7.644	ug/l	99
85) sec-Butylbenzene	11.890	105	6539	0.861	ug/l	85
86) p-Isopropyltoluene	12.012	119	7454	1.193	ug/l	90
87) 1,3-Dichlorobenzene	11.969	146	2563	0.765	ug/l	91
88) 1,4-Dichlorobenzene	12.043	146	8398m	2.514	ug/l	
91) 1,2-Dichlorobenzene	12.335	146	16711	5.151	ug/l	95

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

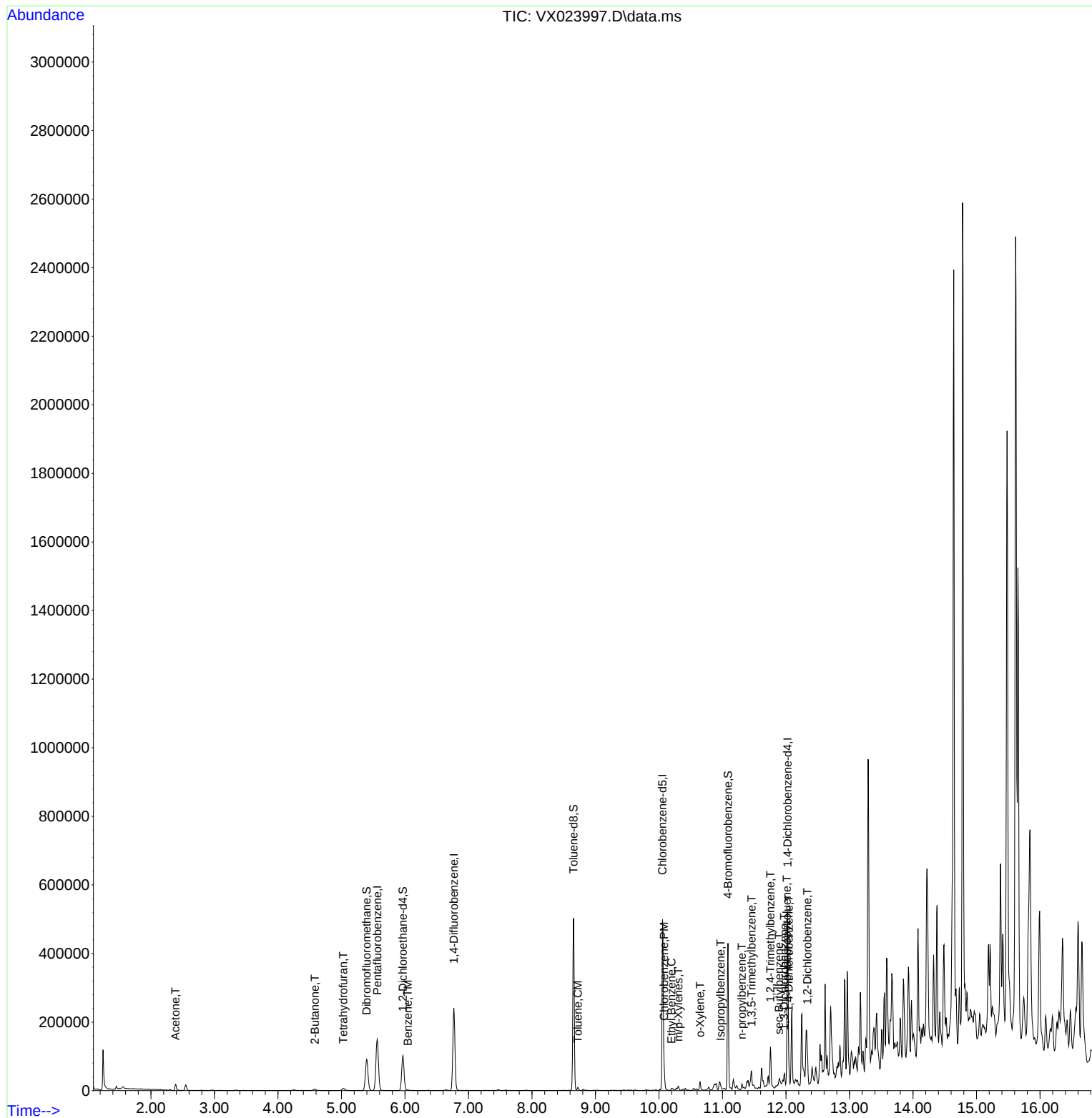
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Data File : VX023997.D
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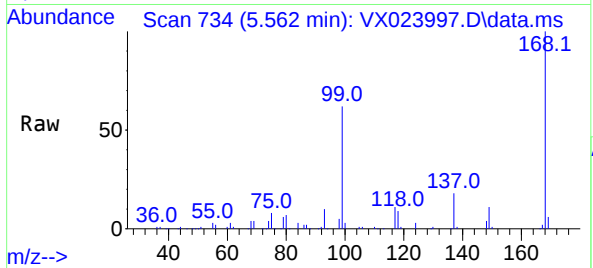
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Quant Time: Aug 28 04:58:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
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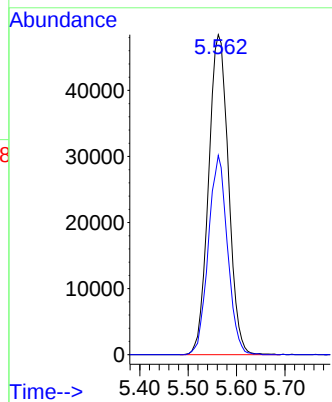
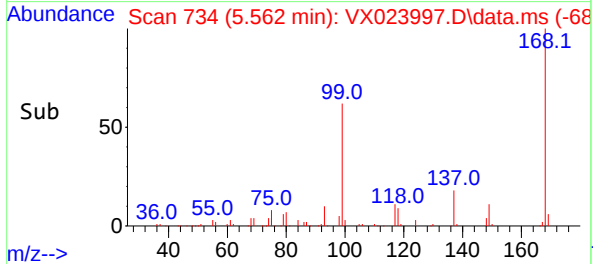




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07



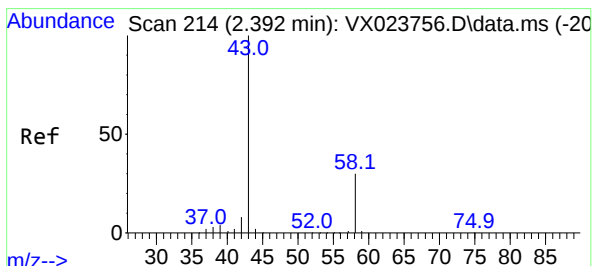
Tgt Ion:168 Resp: 138391
Ion Ratio Lower Upper
168 100
99 62.3 45.8 68.6



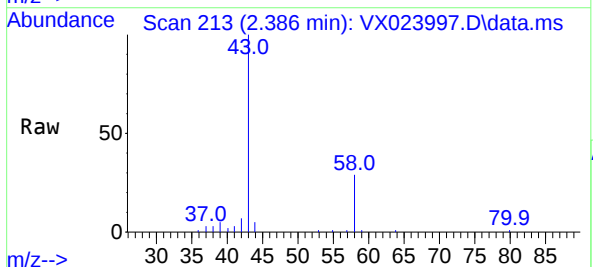
Instrument :
MSVOA_X
ClientSampled :
VE3-1

Manual Integrations
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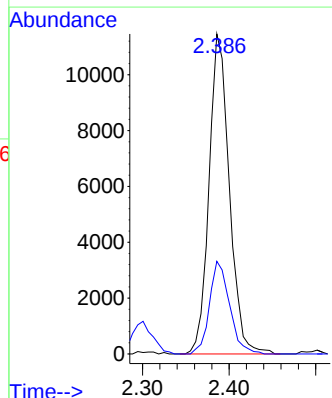
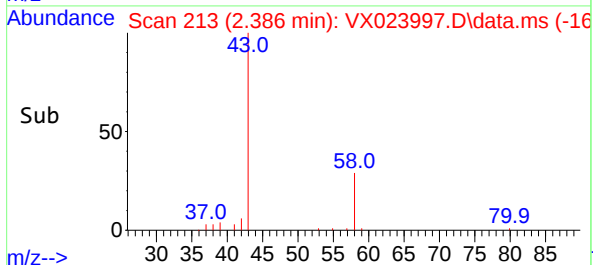
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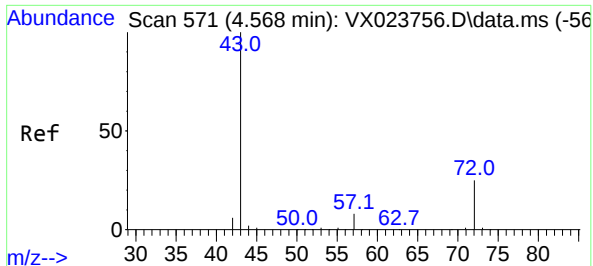


#16
Acetone
Concen: 21.611 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07



Tgt Ion: 43 Resp: 18664
Ion Ratio Lower Upper
43 100
58 28.9 27.8 41.8





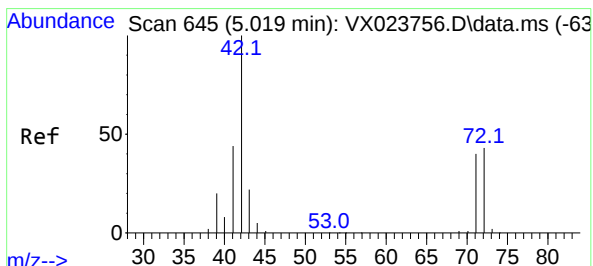
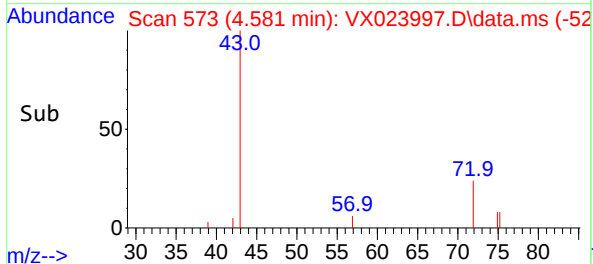
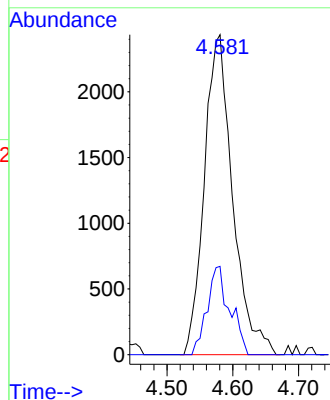
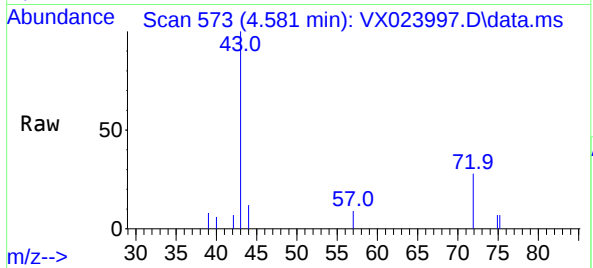
#25
2-Butanone
Concen: 5.582 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07

Tgt Ion: 43 Resp: 7302
Ion Ratio Lower Upper
43 100
72 27.6 23.7 35.5

Instrument :
MSVOA_X
ClientSampled :
VE3-1

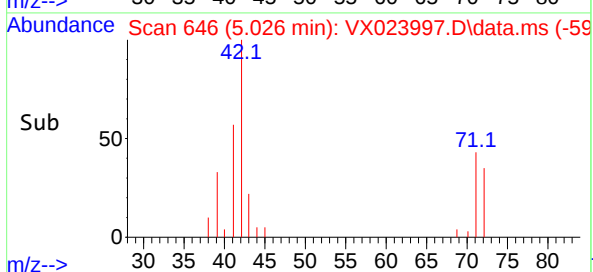
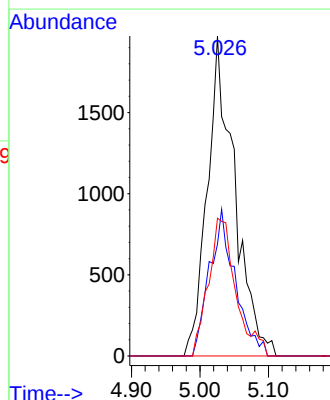
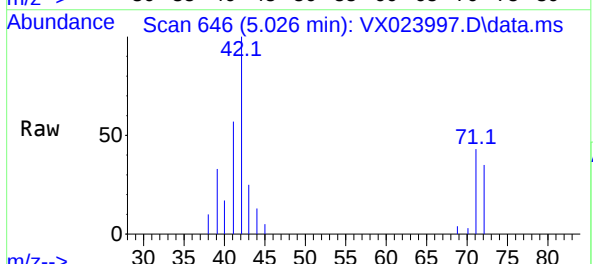
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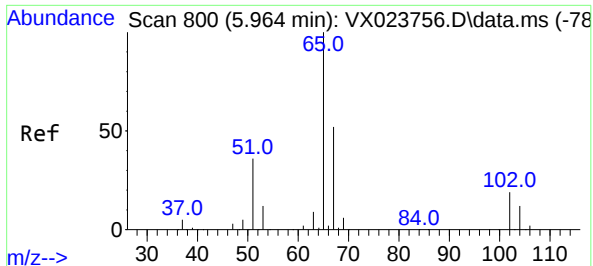
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#29
Tetrahydrofuran
Concen: 6.449 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.007 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07

Tgt Ion: 42 Resp: 5464
Ion Ratio Lower Upper
42 100
72 43.2 41.7 62.5
71 43.2 38.4 57.6





#33

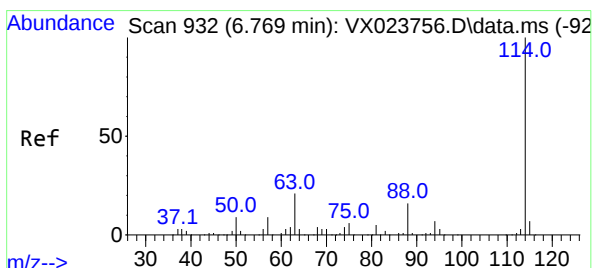
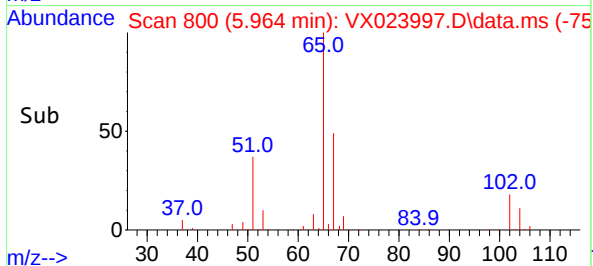
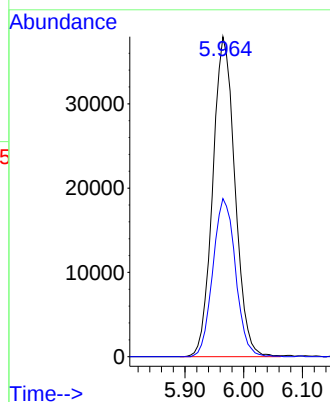
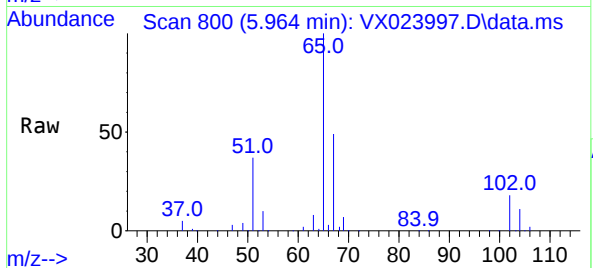
1,2-Dichloroethane-d4
Concen: 51.639 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07

Tgt Ion: 65 Resp: 99741
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

Instrument :
MSVOA_X
ClientSampled :
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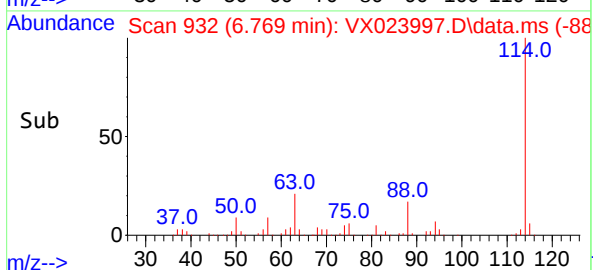
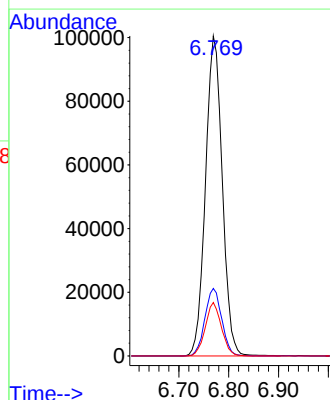
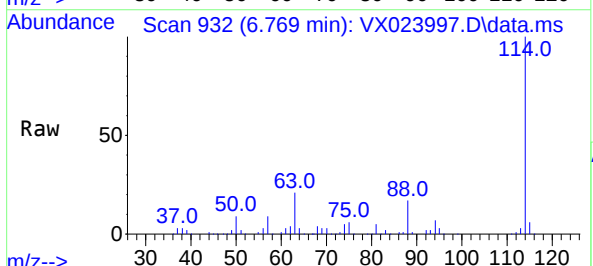
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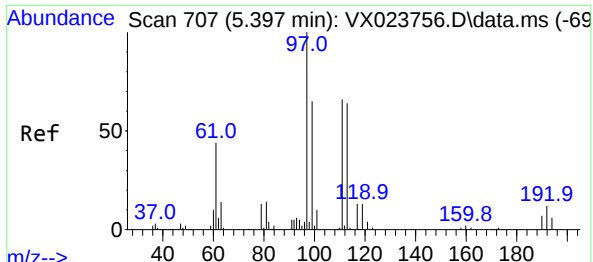


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07

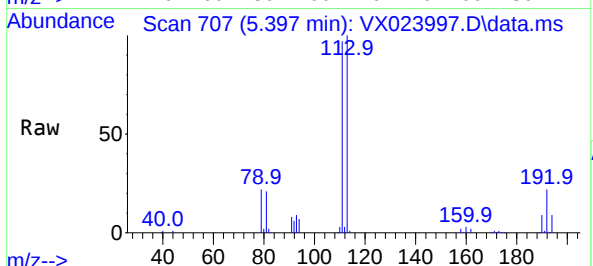
Tgt Ion: 114 Resp: 234850
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 16.7 0.0 32.8





#35
Dibromofluoromethane
Concen: 50.412 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07

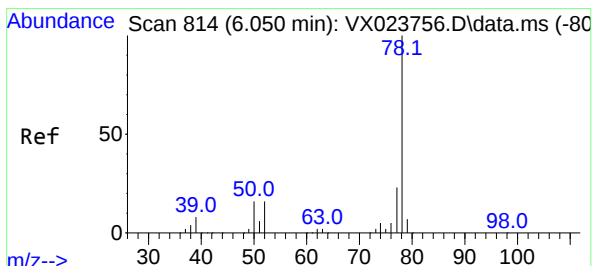
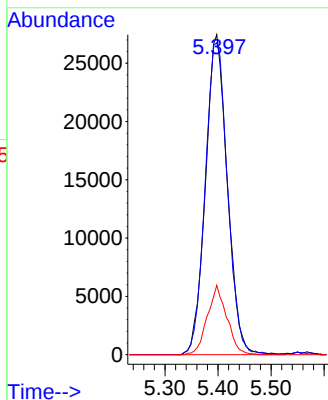
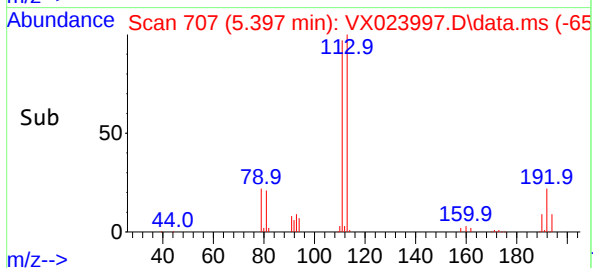
Instrument :
MSVOA_X
ClientSampled :
VE3-1



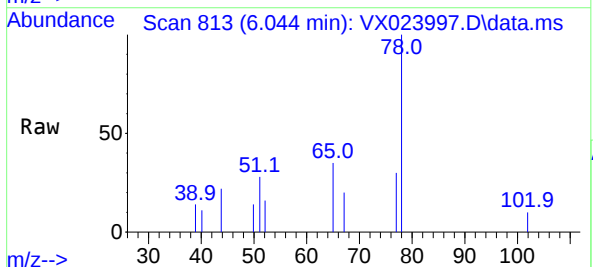
Tgt Ion:113 Resp: 78361
Ion Ratio Lower Upper
113 100
111 100.2 81.9 122.9
192 19.4 16.7 25.1

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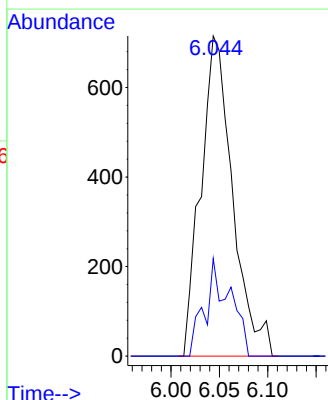
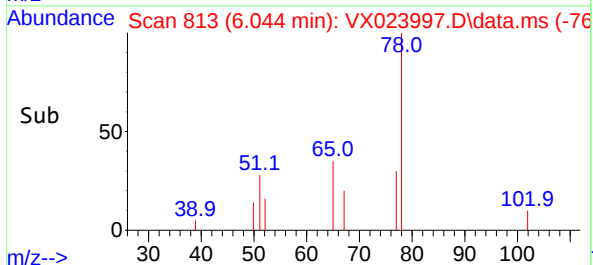
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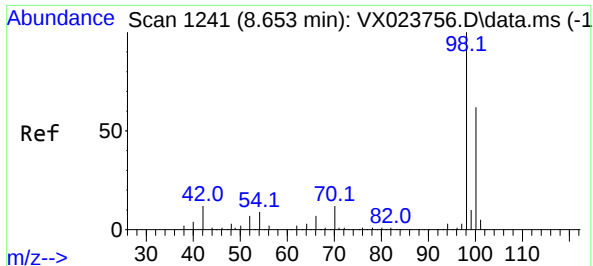


#40
Benzene
Concen: 0.254 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07



Tgt Ion: 78 Resp: 1631
Ion Ratio Lower Upper
78 100
77 30.5 18.9 28.3#





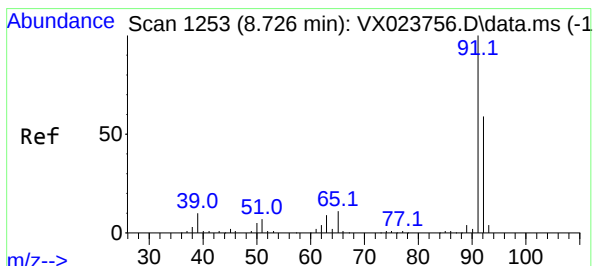
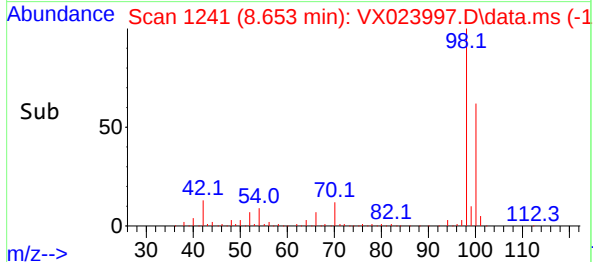
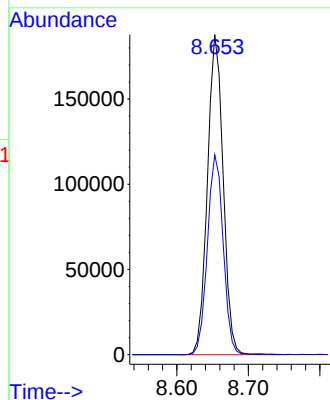
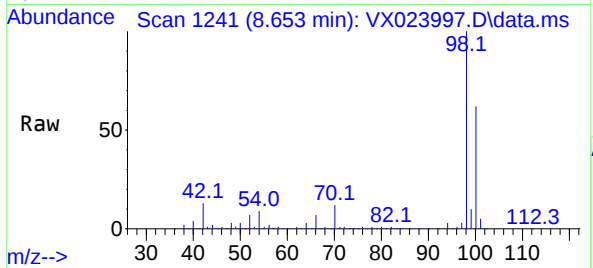
#50
Toluene-d8
Concen: 48.483 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07

Tgt Ion: 98 Resp: 286833
Ion Ratio Lower Upper
98 100
100 62.7 51.9 77.9

Instrument :
MSVOA_X
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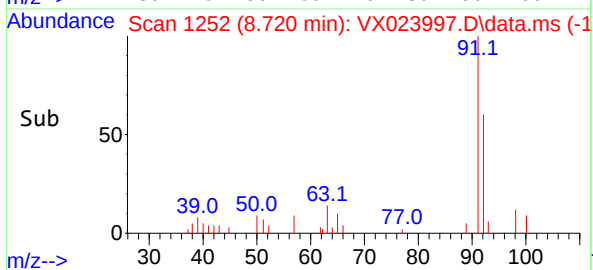
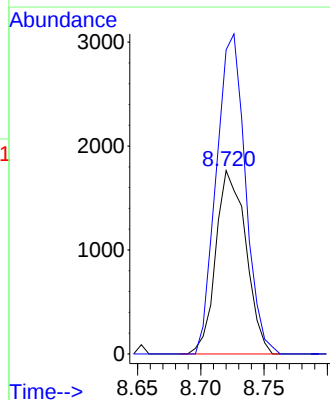
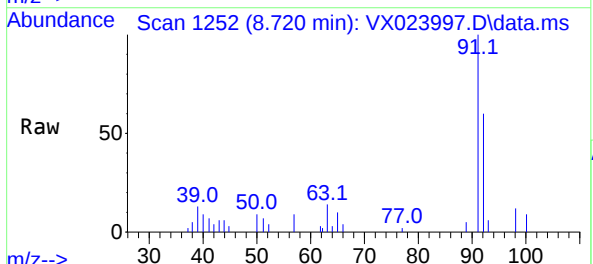
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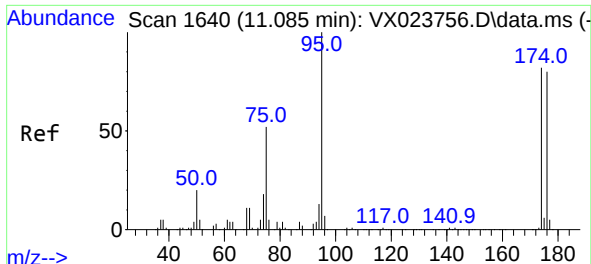
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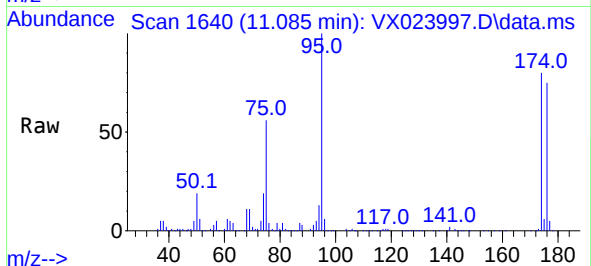
#52
Toluene
Concen: 0.699 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07

Tgt Ion: 92 Resp: 2914
Ion Ratio Lower Upper
92 100
91 168.6 137.1 205.7

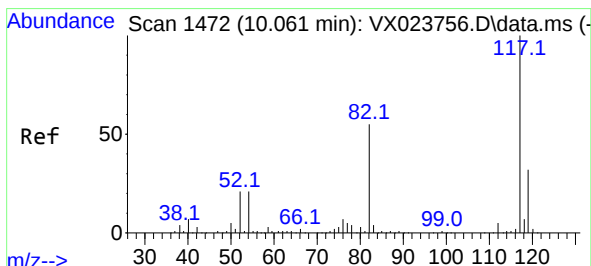
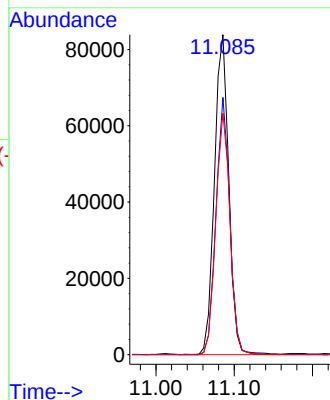
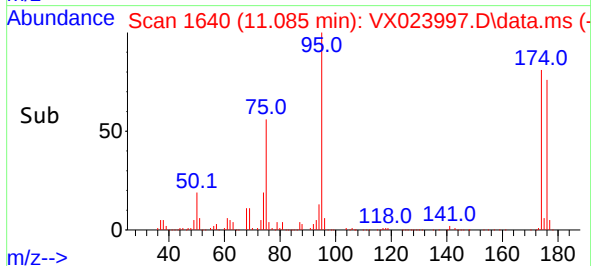




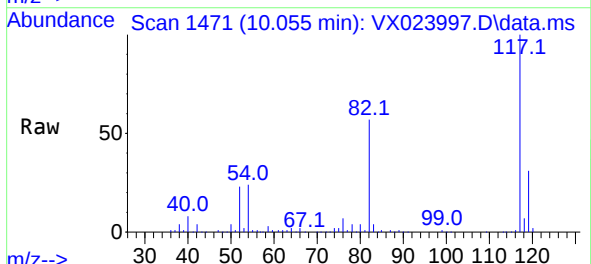
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4-Bromofluorobenzene
Concen: 49.033 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07



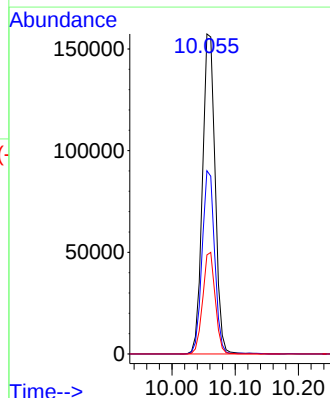
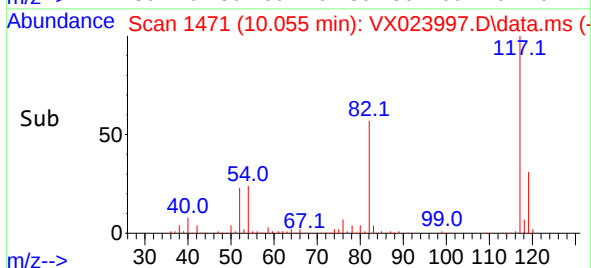
Tgt Ion: 95 Resp: 106789
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 74.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07



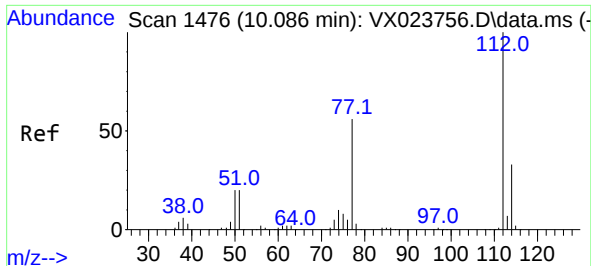
Tgt Ion: 117 Resp: 219859
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 30.9 26.6 39.8



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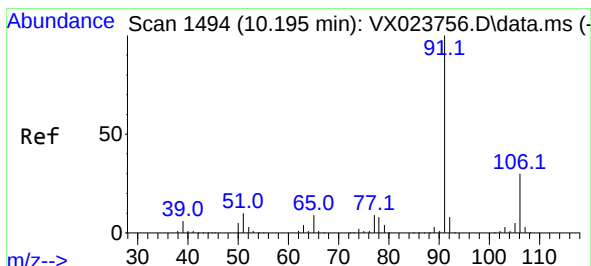
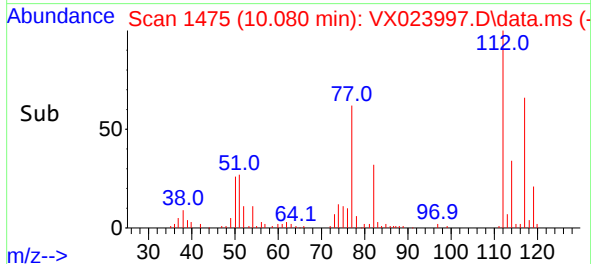
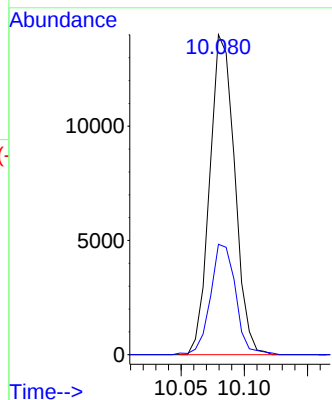
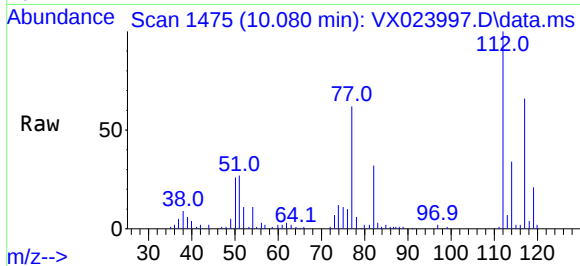
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Chlorobenzene
Concen: 4.195 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07

Instrument :
MSVOA_X
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Tgt Ion:112 Resp: 19244
Ion Ratio Lower Upper
112 100
114 34.5 25.8 38.6

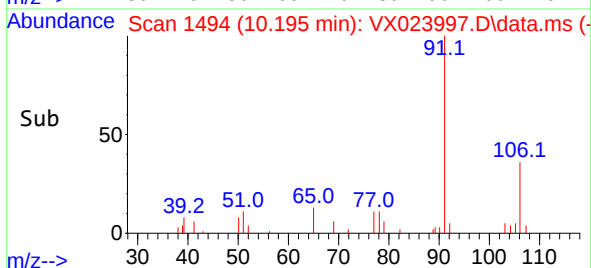
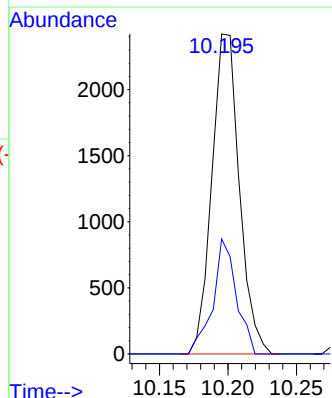
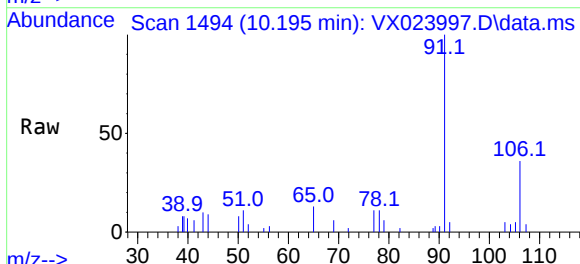
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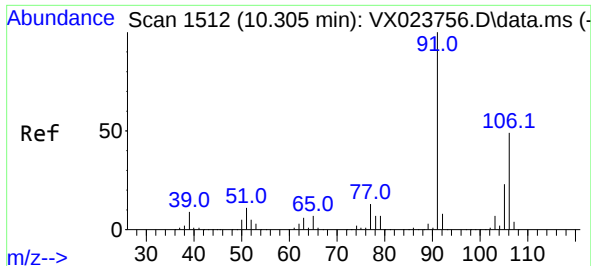
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#67
Ethyl Benzene
Concen: 0.422 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07

Tgt Ion: 91 Resp: 3378
Ion Ratio Lower Upper
91 100
106 35.9 24.6 37.0





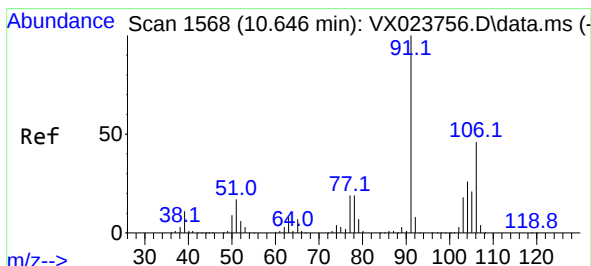
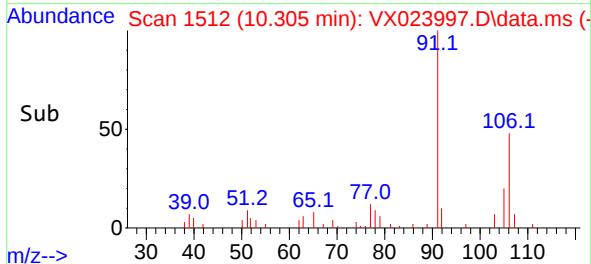
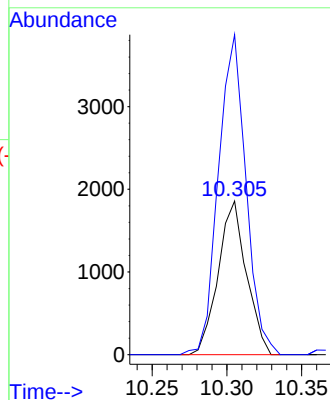
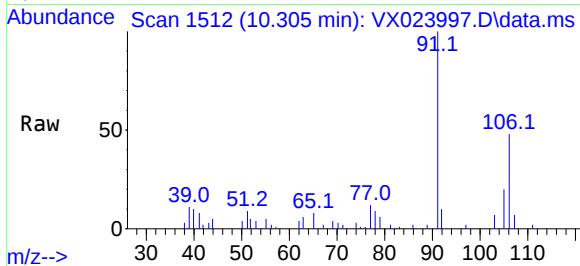
#68
m/p-Xylenes
Concen: 0.801 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07

Tgt Ion:106 Resp: 2445
Ion Ratio Lower Upper
106 100
91 202.7 162.8 244.2

Instrument :
MSVOA_X
ClientSampled :
VE3-1

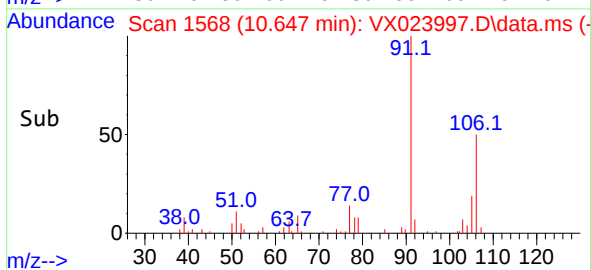
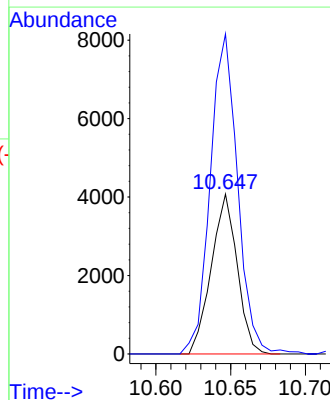
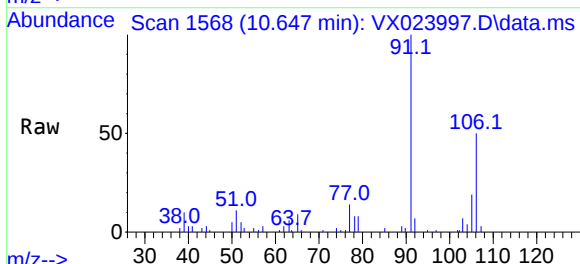
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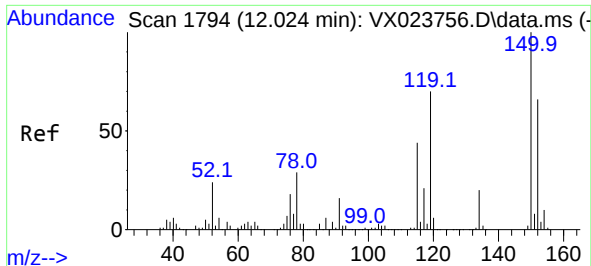
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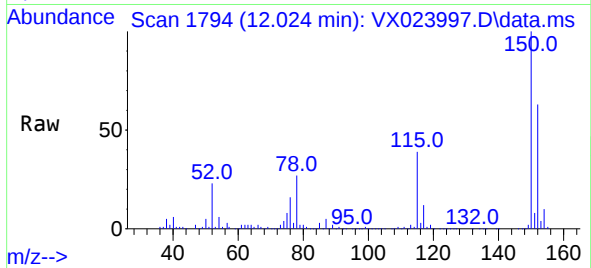
#69
o-Xylene
Concen: 1.636 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07

Tgt Ion:106 Resp: 4905
Ion Ratio Lower Upper
106 100
91 211.8 108.1 324.2

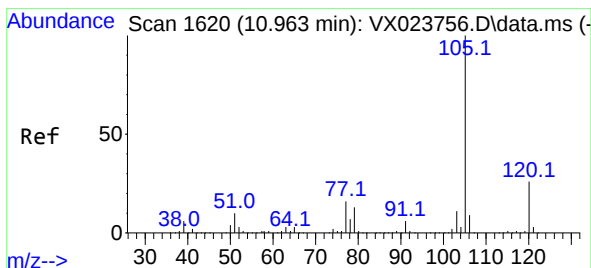
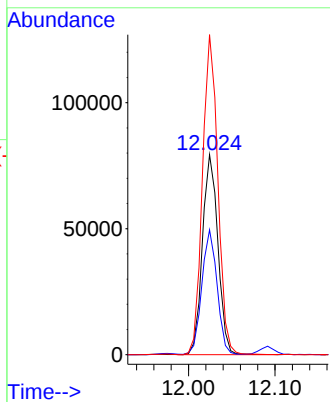
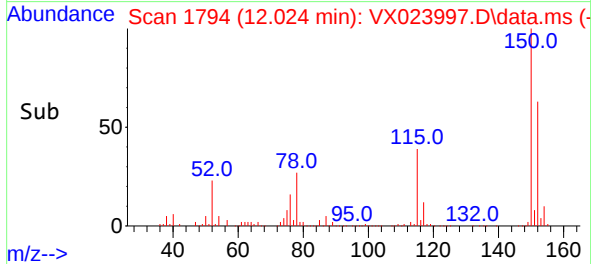




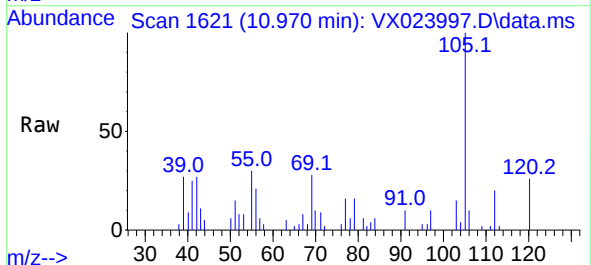
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07



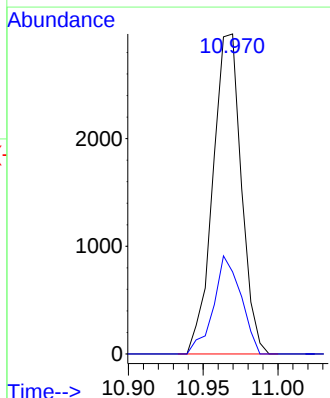
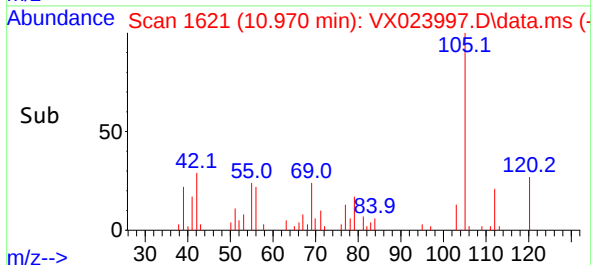
Tgt Ion:152 Resp: 98532
Ion Ratio Lower Upper
152 100
115 61.1 41.1 123.3
150 158.7 0.0 349.0



#73
Isopropylbenzene
Concen: 0.524 ug/l
RT: 10.970 min Scan# 1621
Delta R.T. 0.007 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07



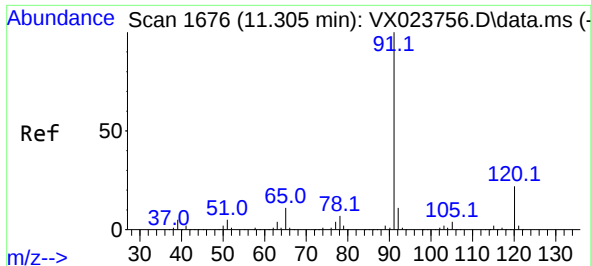
Tgt Ion:105 Resp: 3935
Ion Ratio Lower Upper
105 100
120 29.5 13.2 39.6



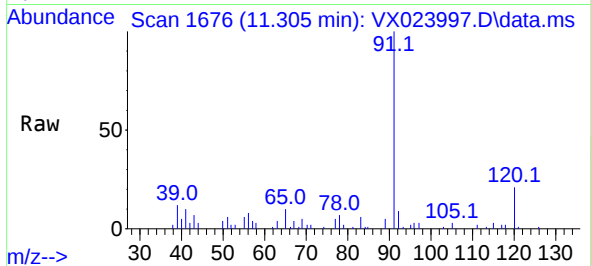
Instrument :
MSVOA_X
ClientSampled :
VE3-1

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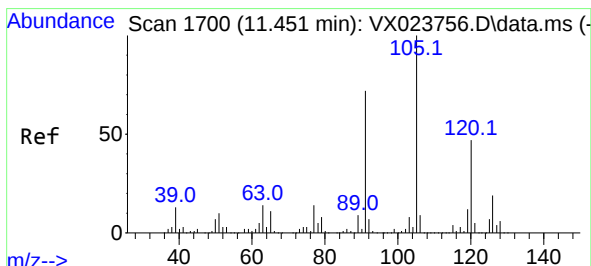
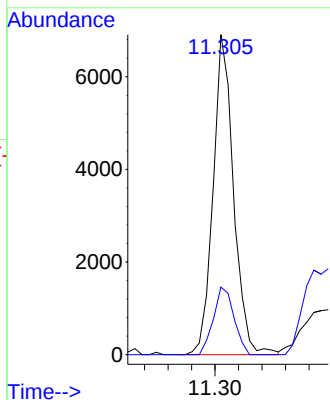
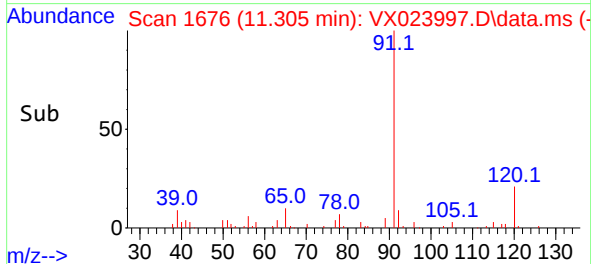
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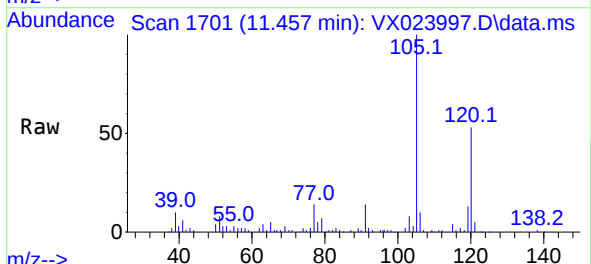
#78
n-propylbenzene
Concen: 0.971 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07



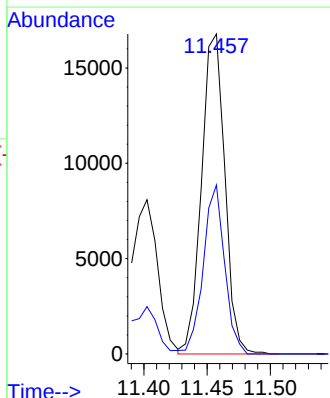
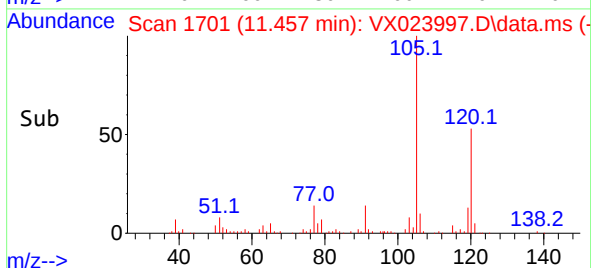
Tgt Ion: 91 Resp: 8346
Ion Ratio Lower Upper
91 100
120 21.2 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 3.488 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07



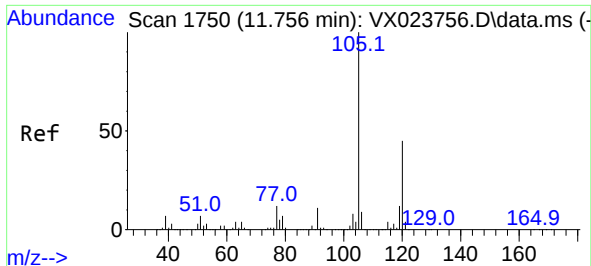
Tgt Ion: 105 Resp: 21540
Ion Ratio Lower Upper
105 100
120 48.5 23.8 71.5



Instrument :
MSVOA_X
ClientSampled :
VE3-1

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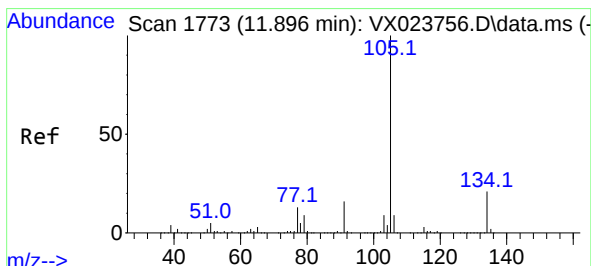
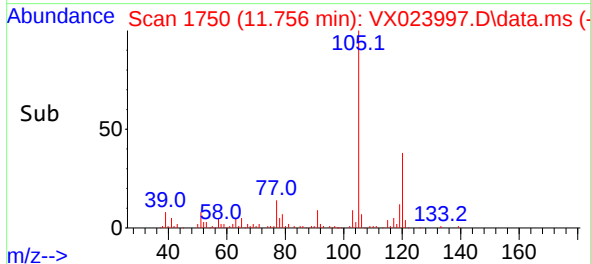
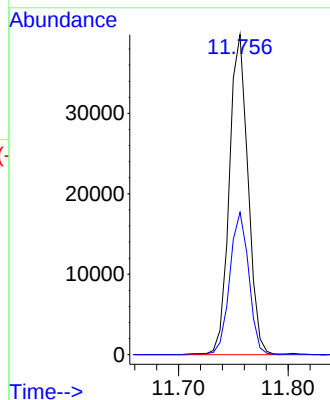
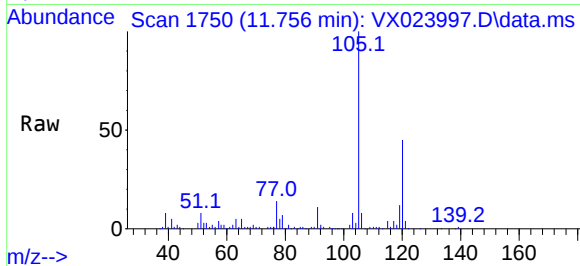
#84
1,2,4-Trimethylbenzene
Concen: 7.644 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07

Tgt Ion:105 Resp: 47070
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.3

Instrument :
MSVOA_X
ClientSampled :
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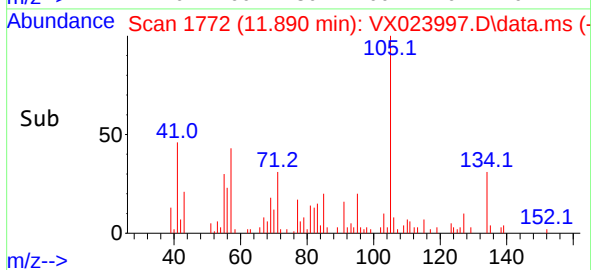
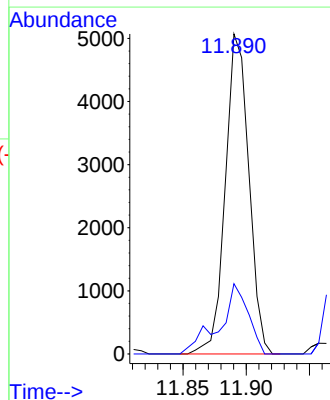
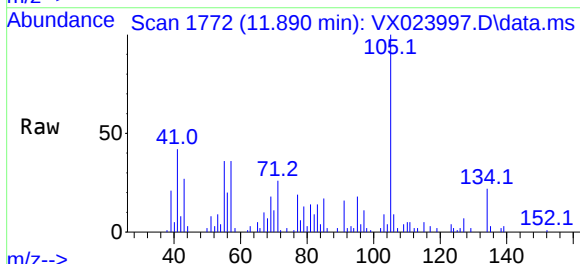
Manual Integrations
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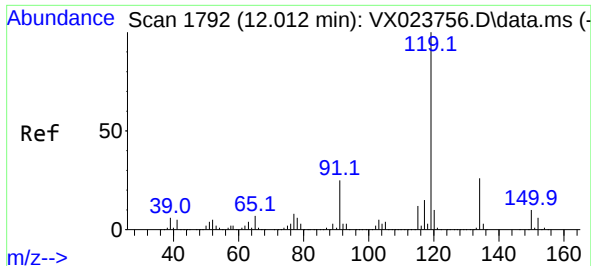
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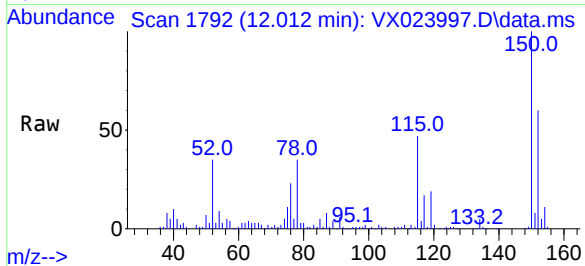
#85
sec-Butylbenzene
Concen: 0.861 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07

Tgt Ion:105 Resp: 6539
Ion Ratio Lower Upper
105 100
134 26.8 10.0 29.8

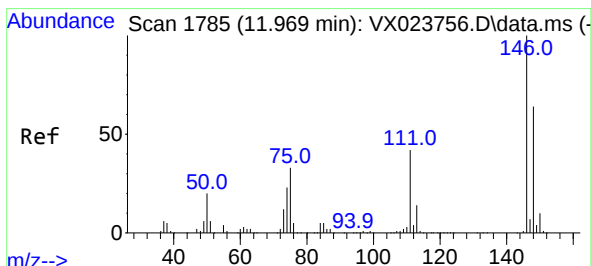
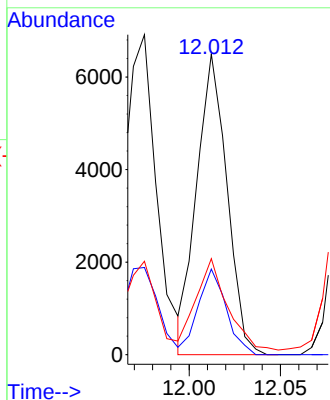
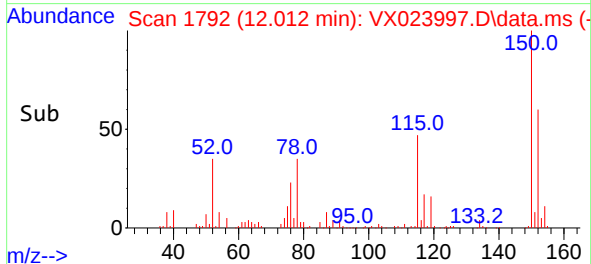




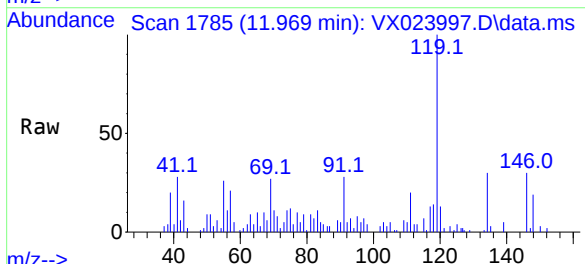
#86
p-Isopropyltoluene
Concen: 1.193 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07



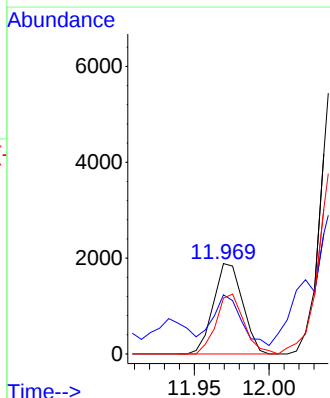
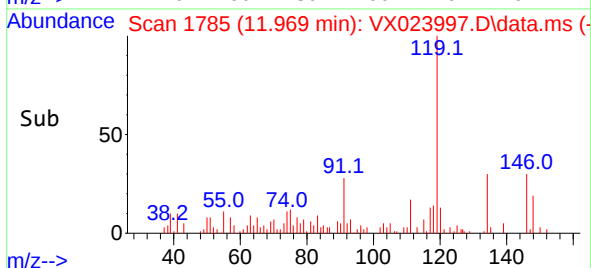
Tgt Ion:119 Resp: 7454
Ion Ratio Lower Upper
119 100
134 26.5 12.9 38.7
91 32.3 11.7 35.0



#87
1,3-Dichlorobenzene
Concen: 0.765 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07



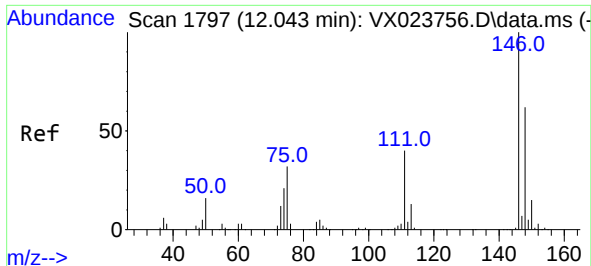
Tgt Ion:146 Resp: 2563
Ion Ratio Lower Upper
146 100
111 53.0 20.2 60.5
148 63.1 31.9 95.7



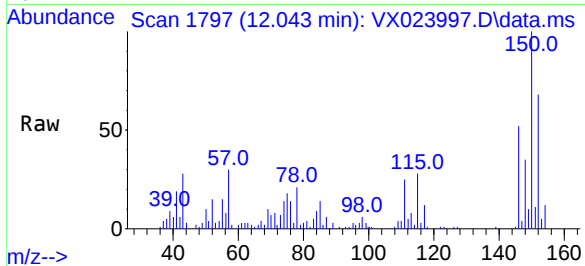
Instrument :
MSVOA_X
ClientSampled :
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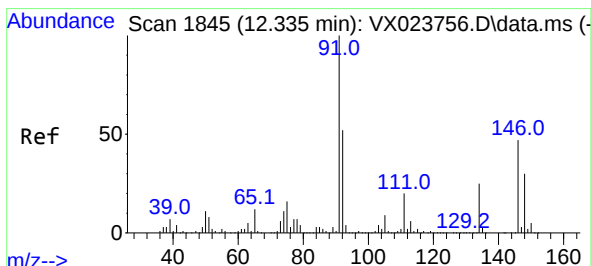
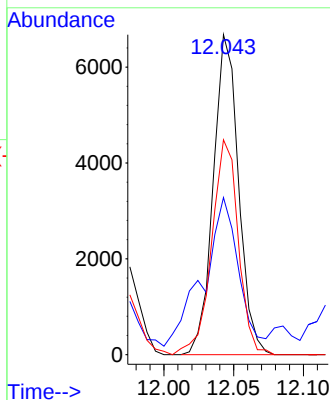
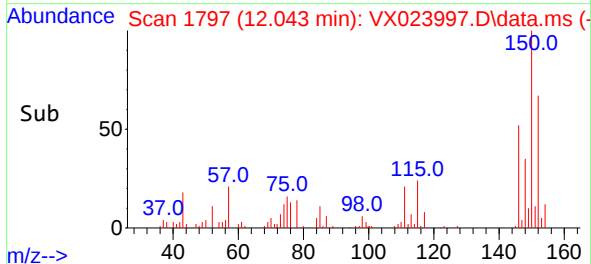
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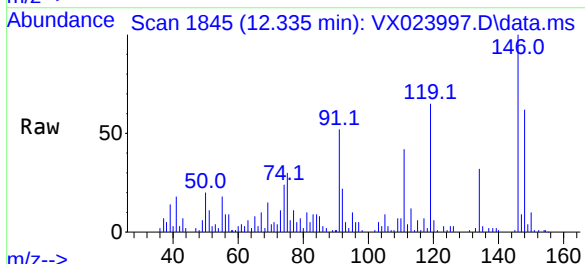
#88
1,4-Dichlorobenzene
Concen: 2.514 ug/l m
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07



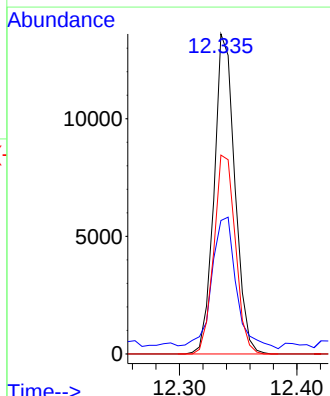
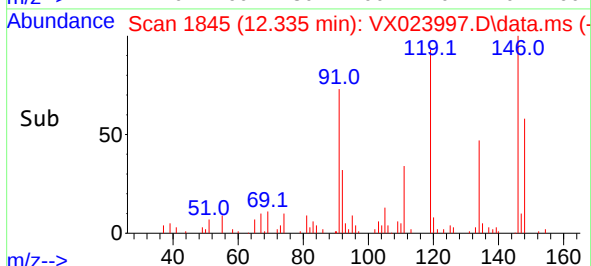
Tgt Ion:146 Resp: 8398
Ion Ratio Lower Upper
146 100
111 16.5 19.6 58.8#
148 19.2 31.6 95.0#



#91
1,2-Dichlorobenzene
Concen: 5.151 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX023997.D
Acq: 27 Aug 2021 17:07



Tgt Ion:146 Resp: 16711
Ion Ratio Lower Upper
146 100
111 48.8 20.8 62.2
148 64.4 31.9 95.5



Instrument :
MSVOA_X
ClientSampled :
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