

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071421\
 Data File : VX023289.D
 Acq On : 14 Jul 2021 19:07
 Operator : JC/MD
 Sample : M3027-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-1572

Manual Integrations
 APPROVED

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 7/15/2021 5:51:58 PM

Quant Time: Jul 15 04:30:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	217118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	354593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	324585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	147378	50.505	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.020%			
35) Dibromofluoromethane	5.397	113	111371	48.638	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.280%			
50) Toluene-d8	8.653	98	426527	49.936	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.880%			
62) 4-Bromofluorobenzene	11.085	95	159339	48.321	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.640%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.971	59	17269	28.131	ug/l	96
16) Acetone	2.392	43	14313087	12397.930	ug/l #	82
20) Methylene Chloride	2.794	84	23622	9.504	ug/l	90
25) 2-Butanone	4.568	43	37374	21.468	ug/l	93
43) Isopropyl Acetate	6.355	43	47878	8.347	ug/l	93
51) 4-Methyl-2-Pentanone	8.580	43	136205m	38.321	ug/l	
52) Toluene	8.726	92	4217821	710.111	ug/l	94
67) Ethyl Benzene	10.195	91	87806	7.741	ug/l	97
68) m/p-Xylenes	10.305	106	86377	19.946	ug/l	99
69) o-Xylene	10.647	106	61831	14.167	ug/l	99
73) Isopropylbenzene	10.964	105	14095	1.351	ug/l	98
78) n-propylbenzene	11.305	91	38601	3.199	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	55453	6.172	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	253971	28.603	ug/l	99
85) sec-Butylbenzene	11.896	105	11777	1.073	ug/l	92
95) Naphthalene	13.780	128	76509	8.018	ug/l	97

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

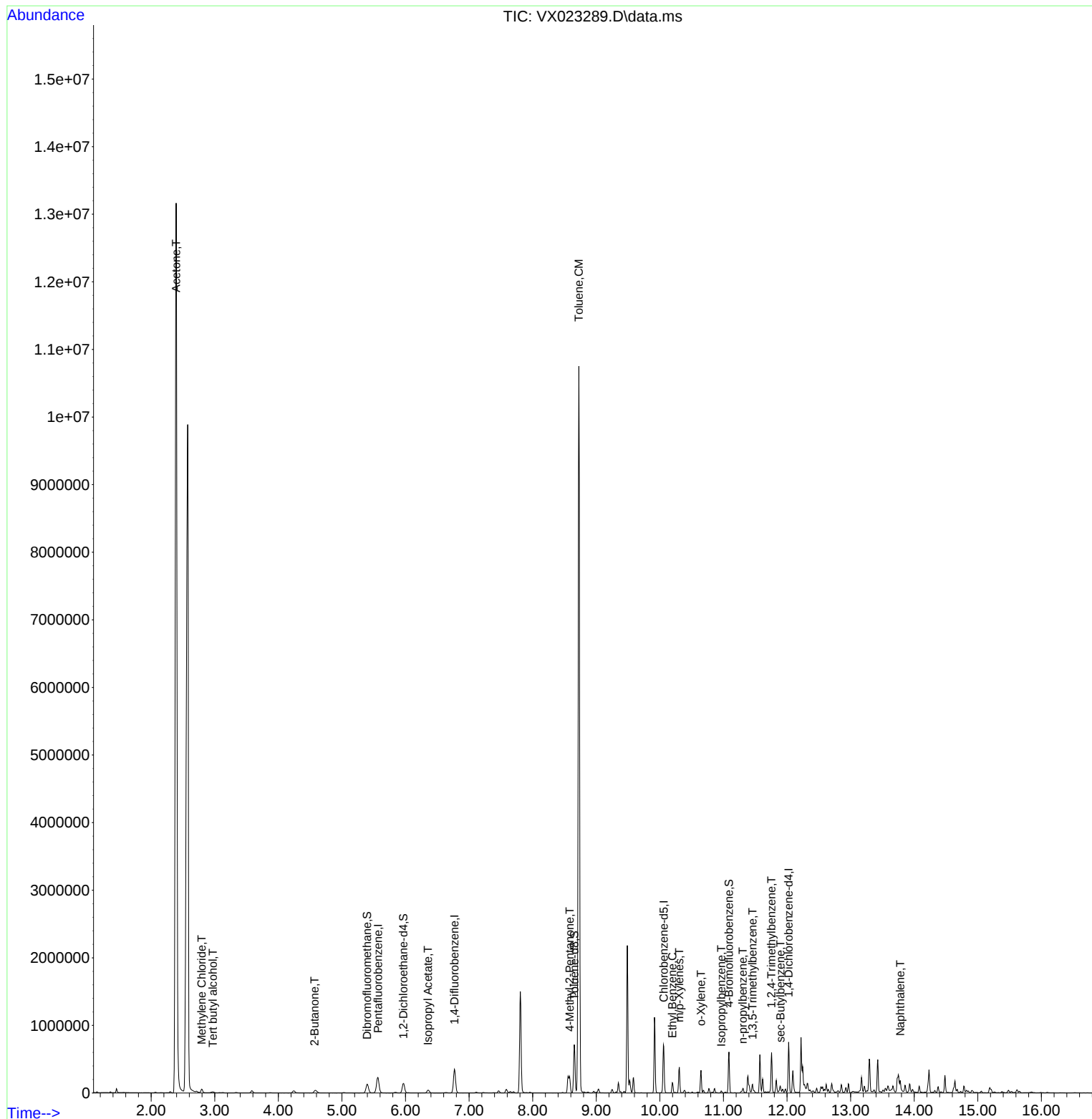
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Data File : VX023289.D
Acq On : 14 Jul 2021 19:07
Operator : JC/MD
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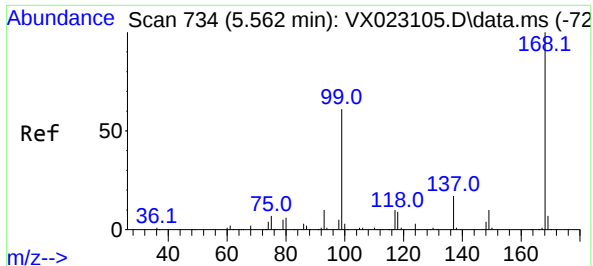
Instrument :
MSVOA_X
ClientSampleId :
NWB-1572

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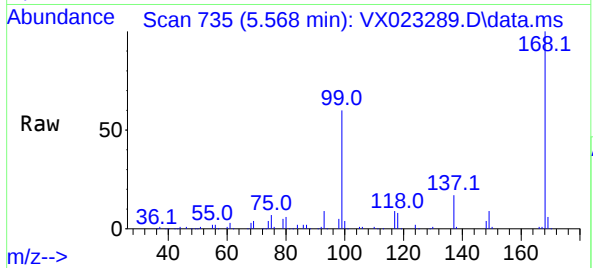
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Quant Time: Jul 15 04:30:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

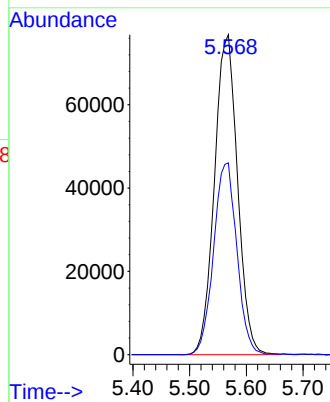
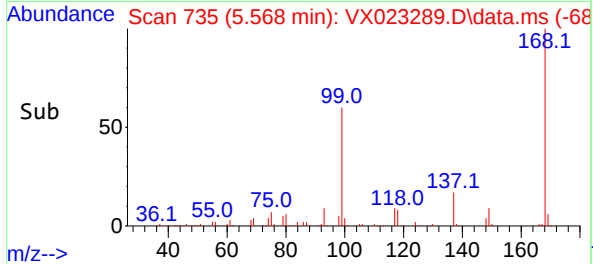




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07



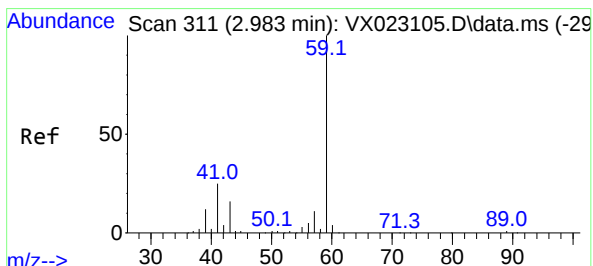
Tgt Ion:168 Resp: 217118
Ion Ratio Lower Upper
168 100
99 59.9 45.8 68.6



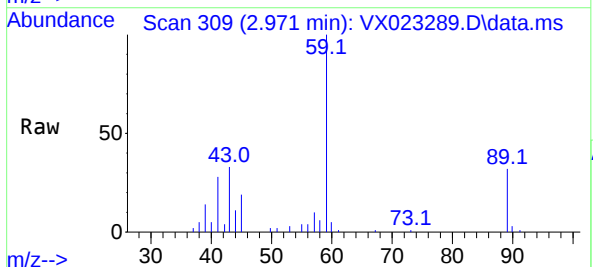
Instrument :
MSVOA_X
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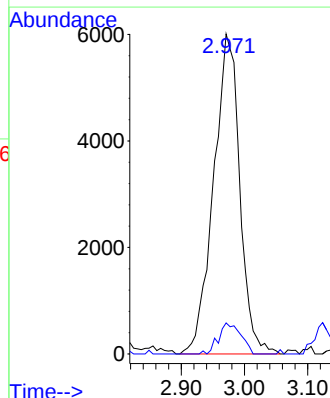
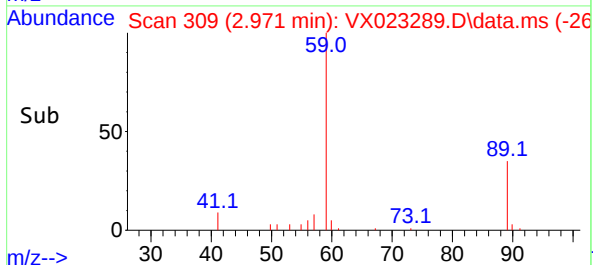
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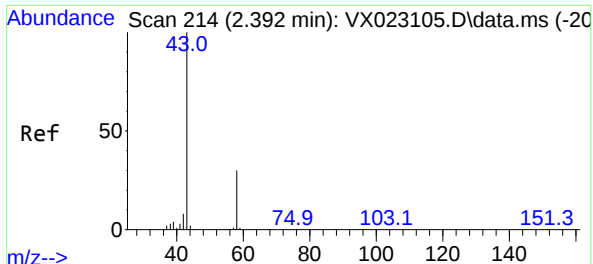


#11
Tert butyl alcohol
Concen: 28.131 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07



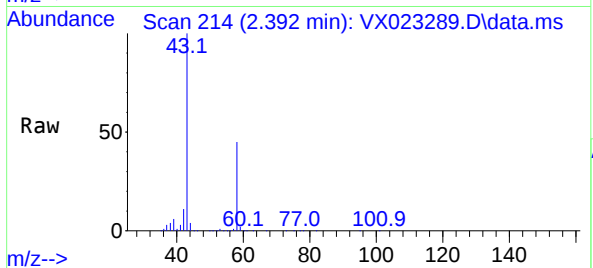
Tgt Ion: 59 Resp: 17269
Ion Ratio Lower Upper
59 100
57 8.2 7.8 11.8





#16
Acetone
Concen: 12397.930 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07

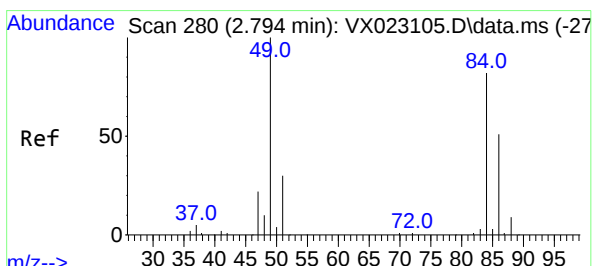
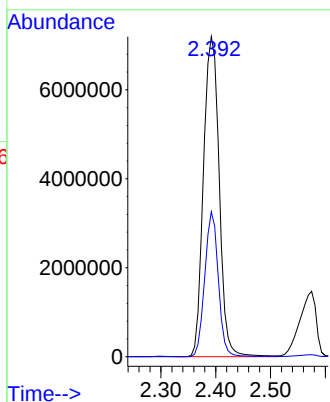
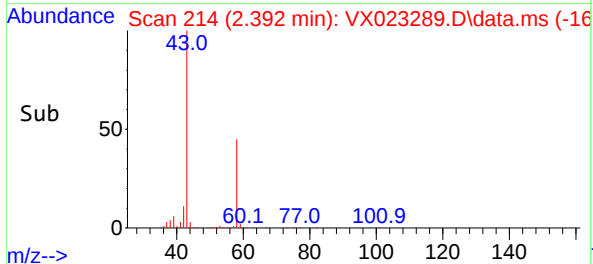
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MSVOA_X
ClientSampleId :
NWB-1572



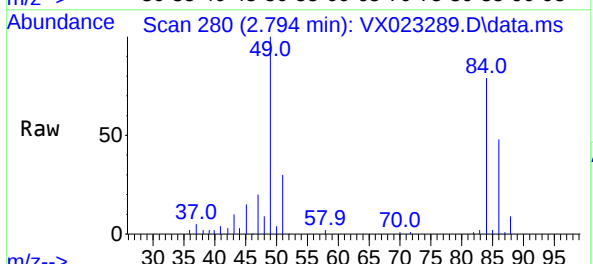
Tgt Ion: 43 Resp:14313087
Ion Ratio Lower Upper
43 100
58 45.3 27.8 41.8#

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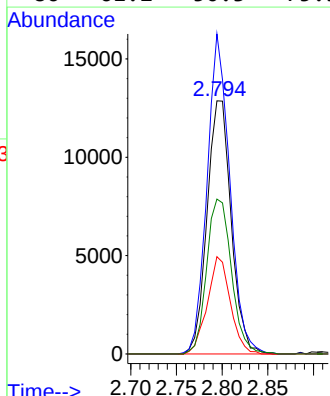
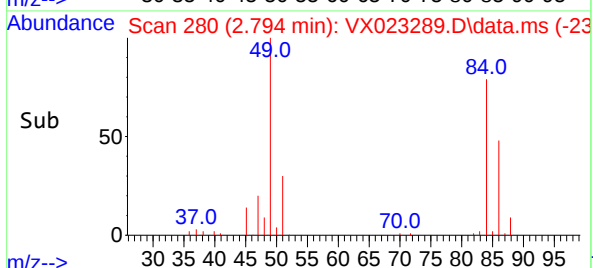
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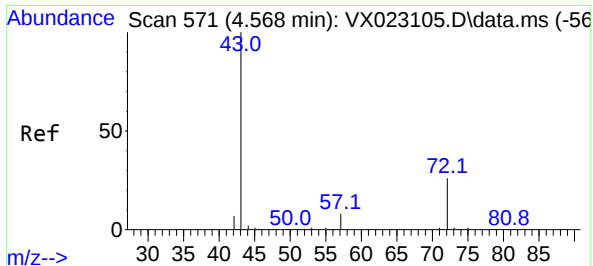


#20
Methylene Chloride
Concen: 9.504 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07



Tgt Ion: 84 Resp: 23622
Ion Ratio Lower Upper
84 100
49 126.4 88.6 132.8
51 38.5 27.0 40.6
86 61.2 50.3 75.5





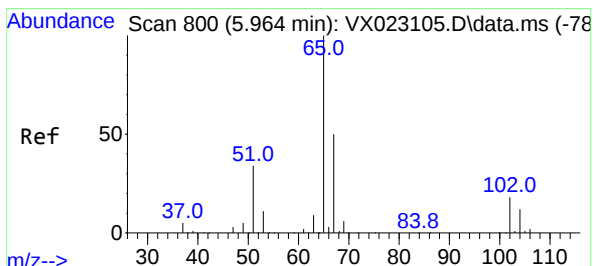
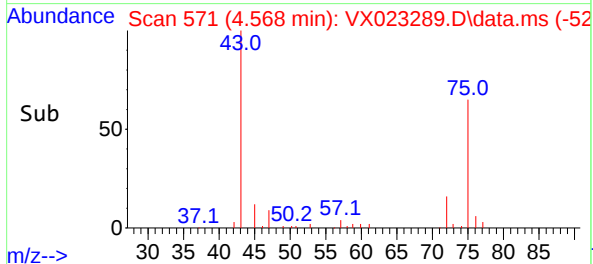
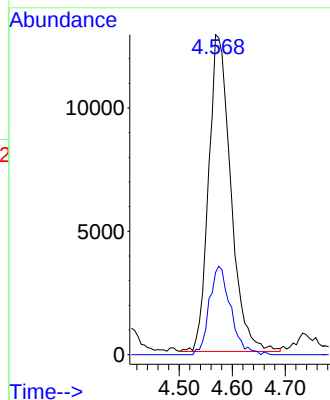
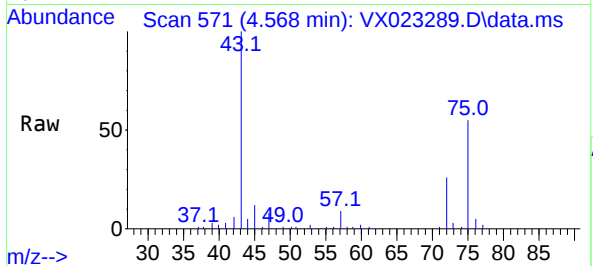
#25
2-Butanone
Concen: 21.468 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07

Tgt Ion: 43 Resp: 37374
Ion Ratio Lower Upper
43 100
72 26.0 23.7 35.5

Instrument :
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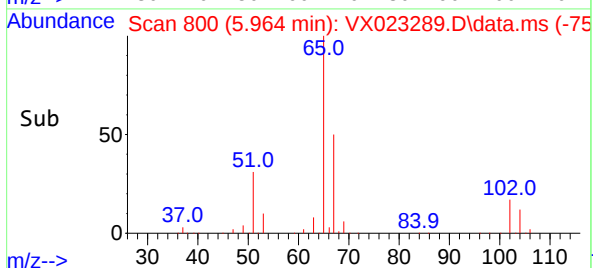
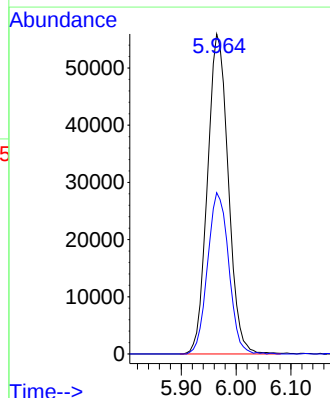
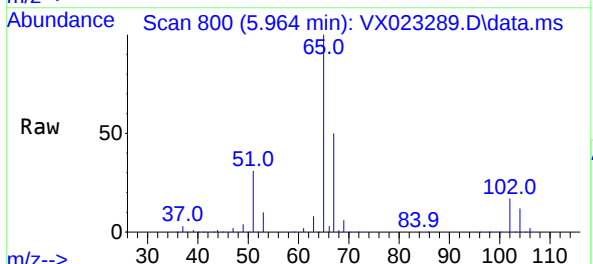
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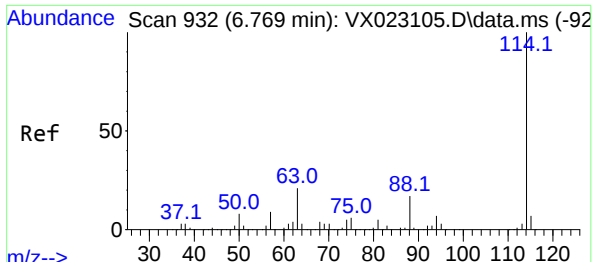
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#33
1,2-Dichloroethane-d4
Concen: 50.505 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07

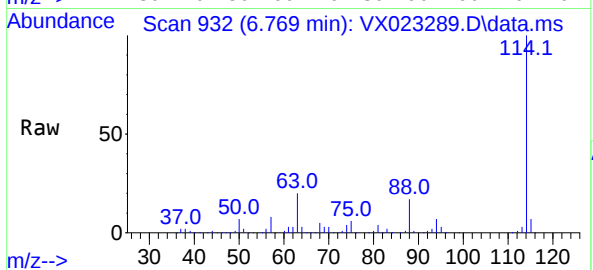
Tgt Ion: 65 Resp: 147378
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07

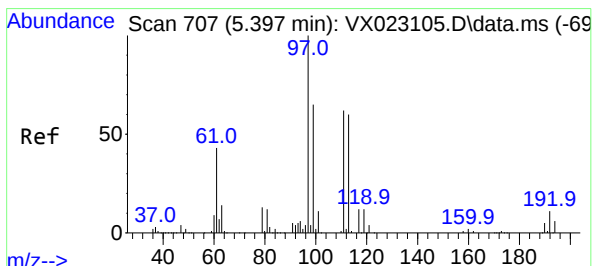
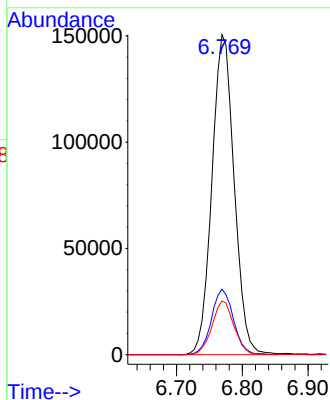
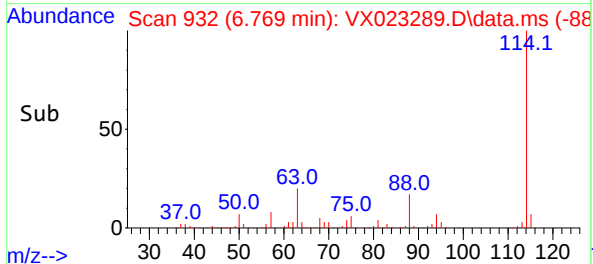
Instrument :
MSVOA_X
ClientSampled :
NWB-1572



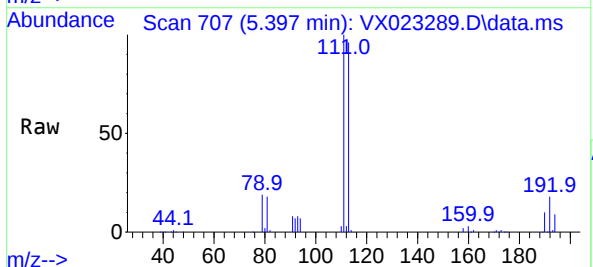
Tgt Ion:114 Resp: 354593
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.8 0.0 32.8

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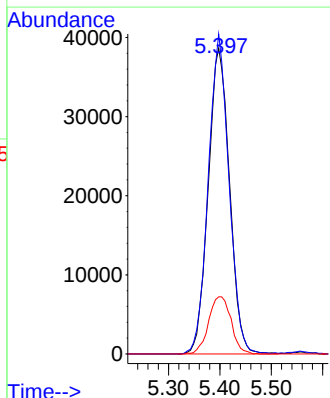
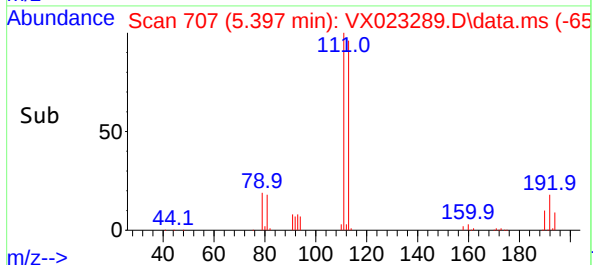
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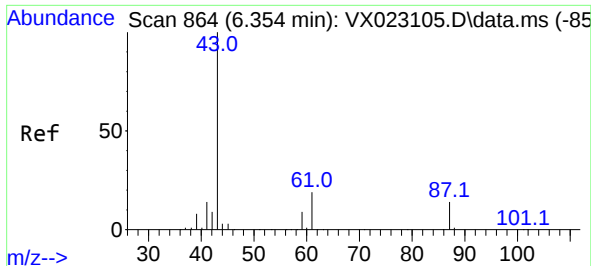


#35
Dibromofluoromethane
Concen: 48.638 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07

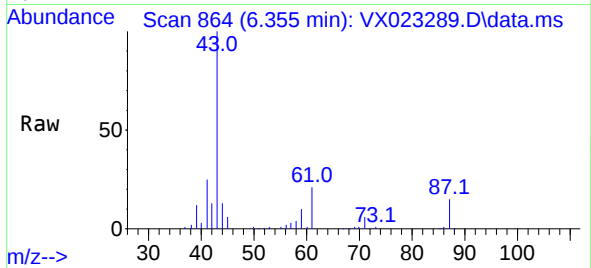


Tgt Ion:113 Resp: 111371
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 19.7 16.7 25.1

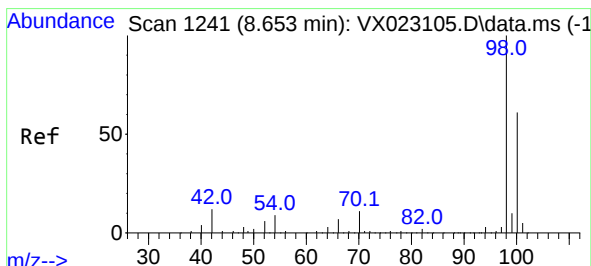
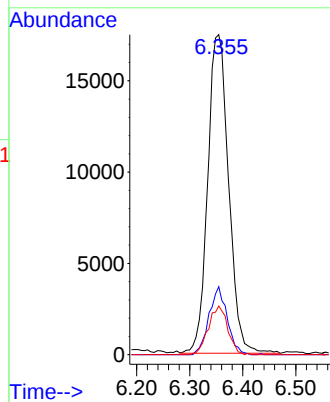
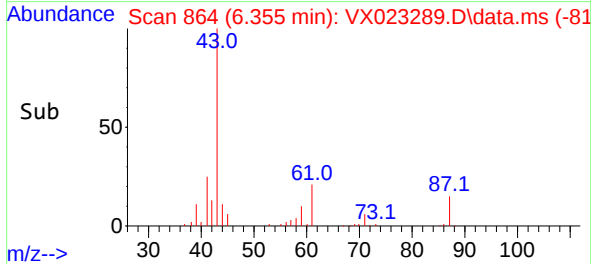




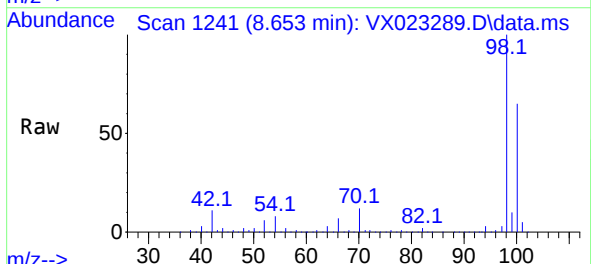
#43
Isopropyl Acetate
Concen: 8.347 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.001 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07



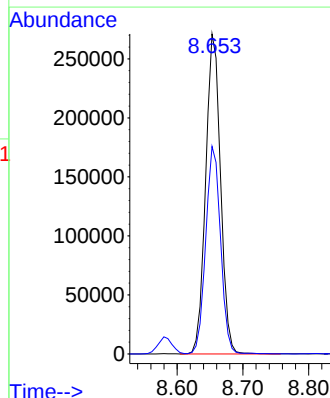
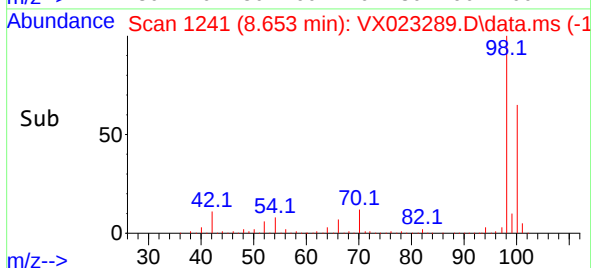
Tgt Ion: 43 Resp: 47878
Ion Ratio Lower Upper
43 100
61 18.5 18.2 27.4
87 14.1 12.5 18.7



#50
Toluene-d8
Concen: 49.936 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07



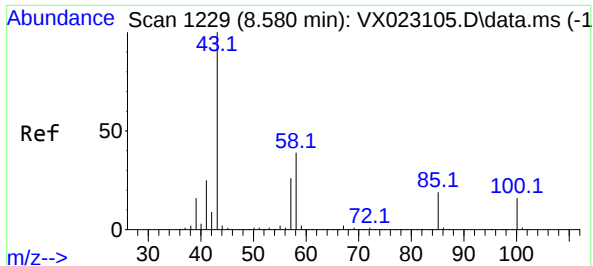
Tgt Ion: 98 Resp: 426527
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



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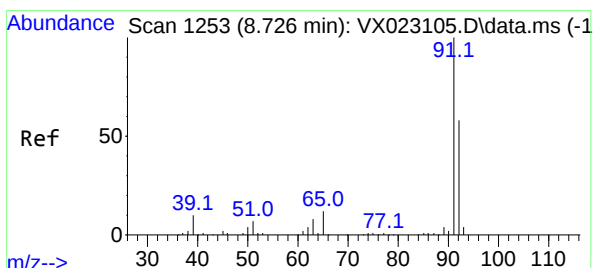
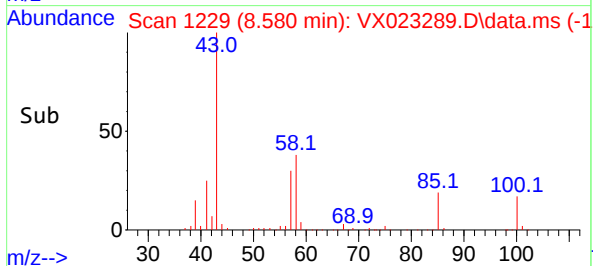
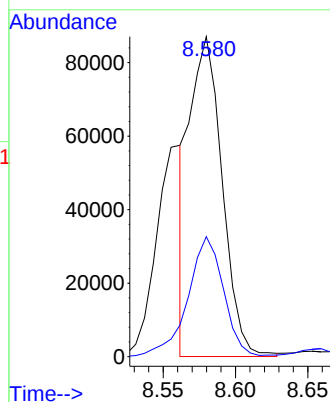
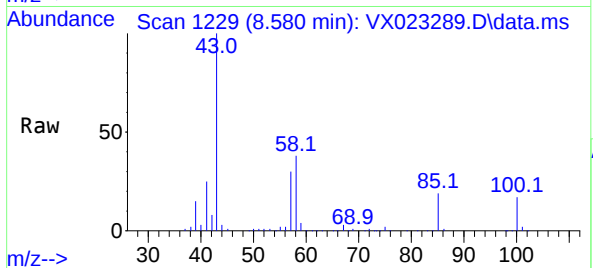
#51
4-Methyl-2-Pentanone
Concen: 38.321 ug/l m
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07

Tgt Ion: 43 Resp: 136205
Ion Ratio Lower Upper
43 100
58 41.6 35.4 53.0

Instrument :
MSVOA_X
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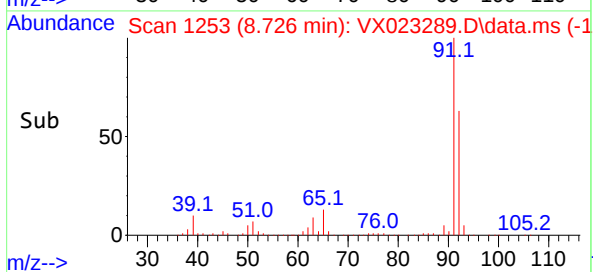
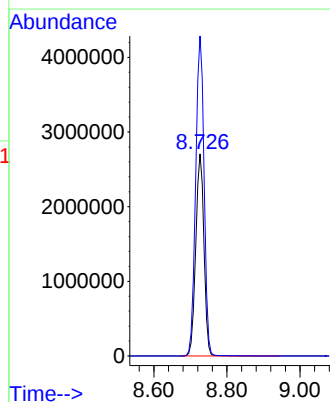
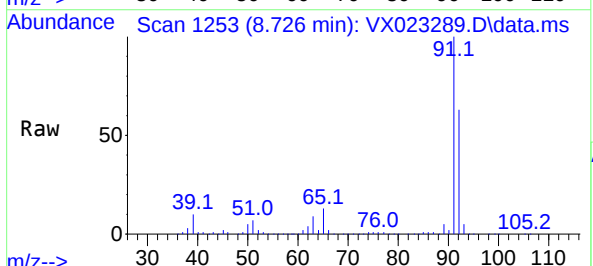
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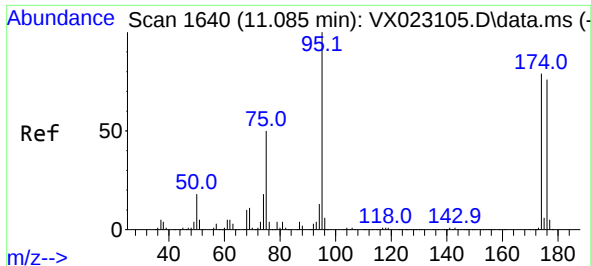
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#52
Toluene
Concen: 710.111 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07

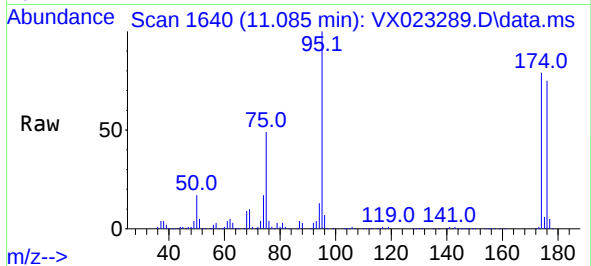
Tgt Ion: 92 Resp: 4217821
Ion Ratio Lower Upper
92 100
91 162.9 137.1 205.7





#62
4-Bromofluorobenzene
Concen: 48.321 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07

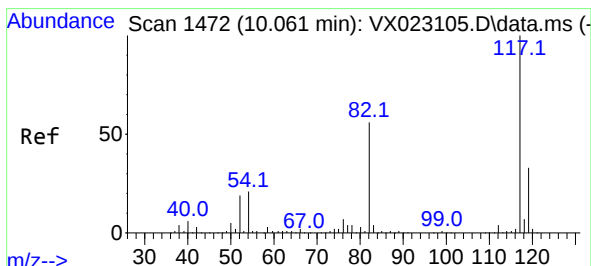
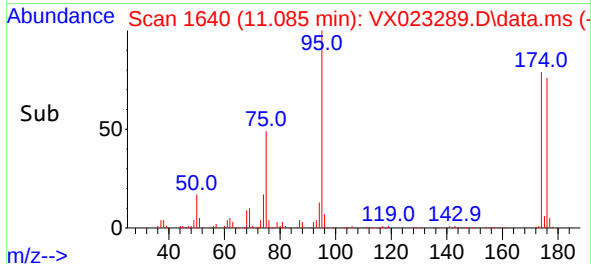
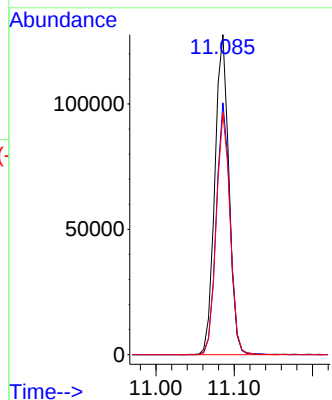
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MSVOA_X
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NWB-1572



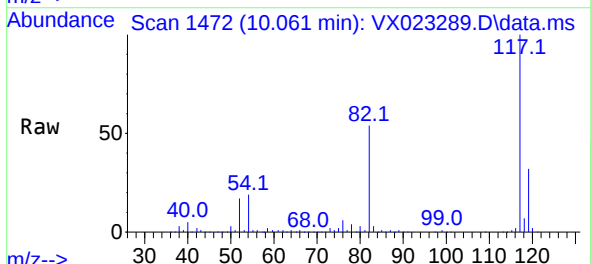
Tgt Ion: 95 Resp: 159339
Ion Ratio Lower Upper
95 100
174 76.8 0.0 154.6
176 74.3 0.0 155.8

Manual Integrations
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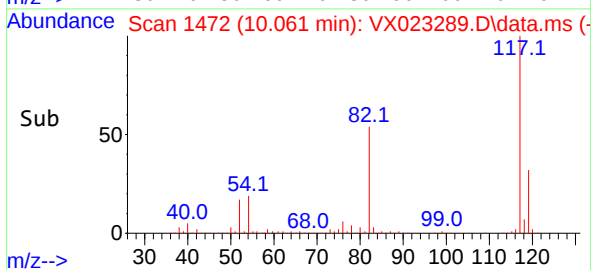
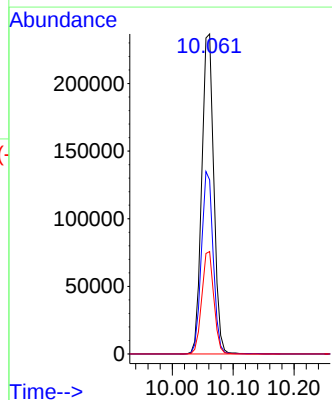
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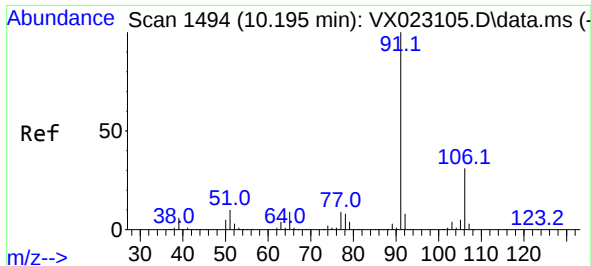


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07



Tgt Ion: 117 Resp: 324585
Ion Ratio Lower Upper
117 100
82 54.4 47.4 71.2
119 32.0 26.6 39.8





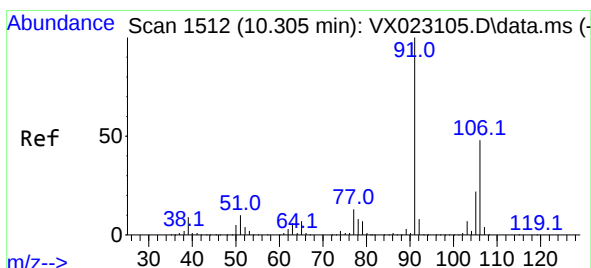
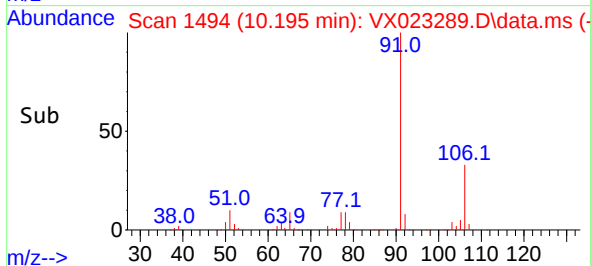
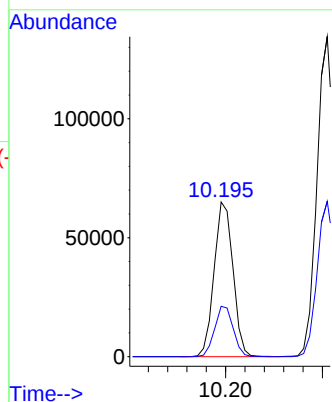
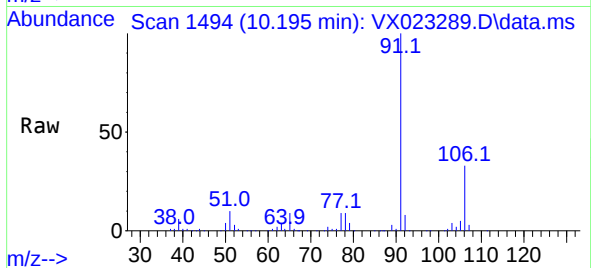
#67
Ethyl Benzene
Concen: 7.741 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07

Instrument :
MSVOA_X
ClientSampleId :
NWB-1572

Tgt Ion: 91 Resp: 87806
Ion Ratio Lower Upper
91 100
106 32.6 24.6 37.0

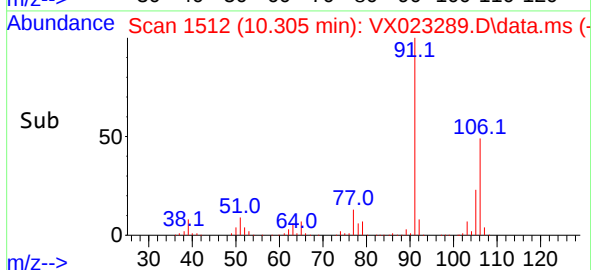
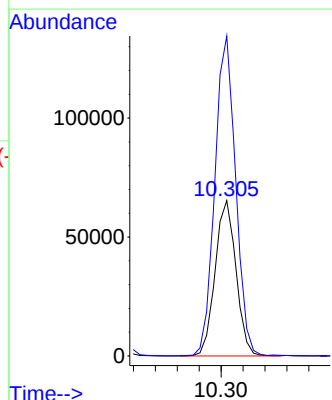
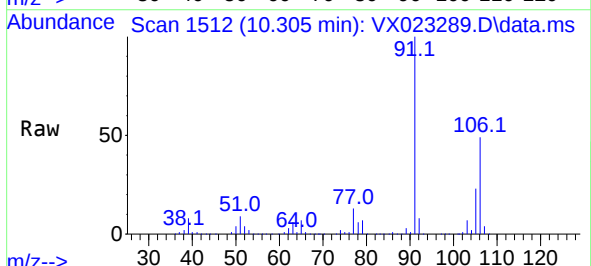
Manual Integrations
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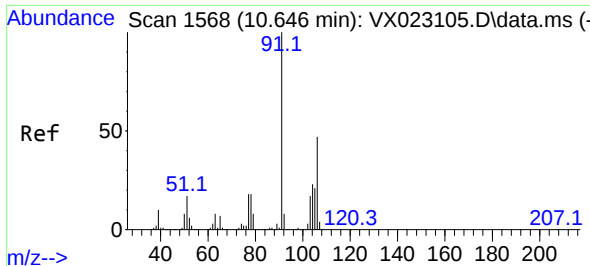
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#68
m/p-Xylenes
Concen: 19.946 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07

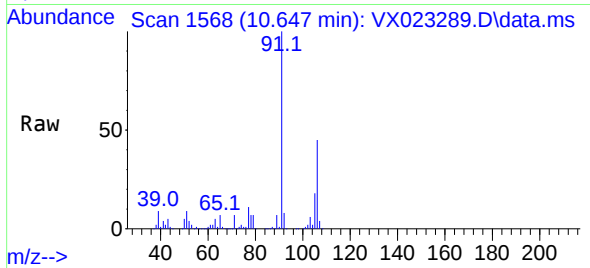
Tgt Ion: 106 Resp: 86377
Ion Ratio Lower Upper
106 100
91 205.5 162.8 244.2





#69
o-Xylene
Concen: 14.167 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07

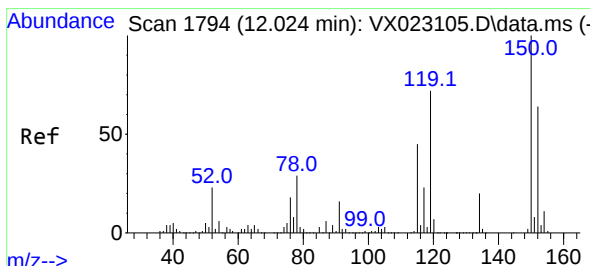
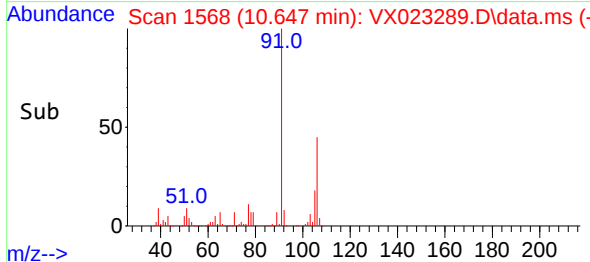
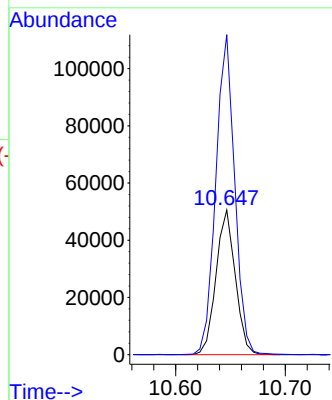
Instrument :
MSVOA_X
ClientSampled :
NWB-1572



Tgt Ion:106 Resp: 61831
Ion Ratio Lower Upper
106 100
91 217.0 108.1 324.2

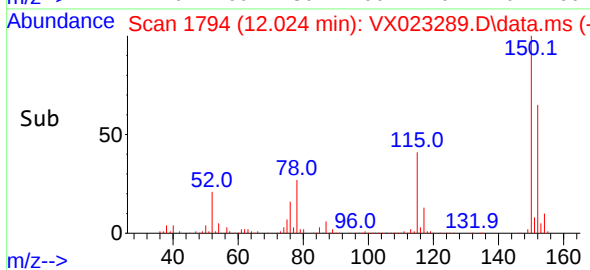
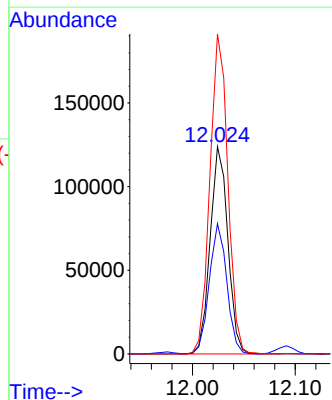
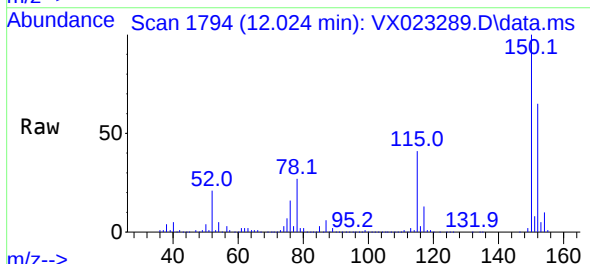
Manual Integrations
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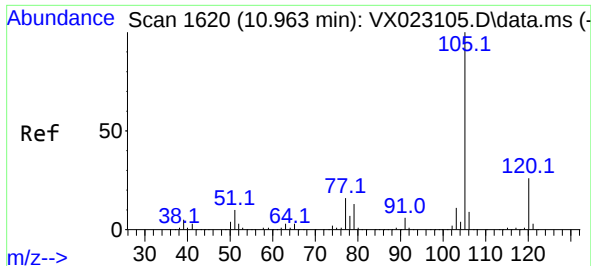
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07

Tgt Ion:152 Resp: 148126
Ion Ratio Lower Upper
152 100
115 62.1 41.1 123.3
150 156.0 0.0 349.0





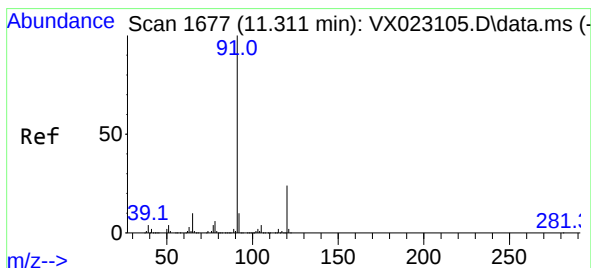
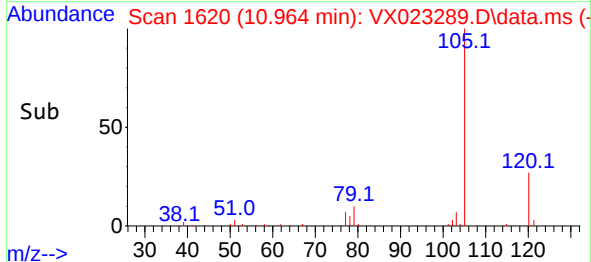
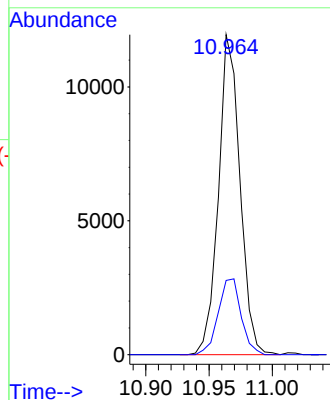
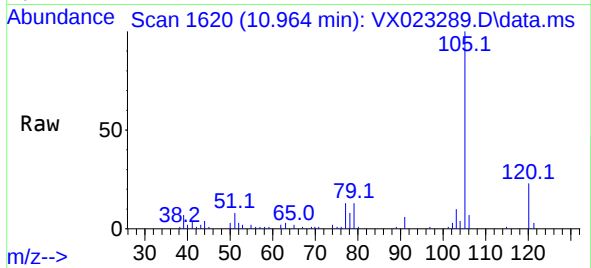
#73
Isopropylbenzene
Concen: 1.351 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07

Tgt Ion: 105 Resp: 14095
Ion Ratio Lower Upper
105 100
120 25.3 13.2 39.6

Instrument :
MSVOA_X
ClientSampleId :
NWB-1572

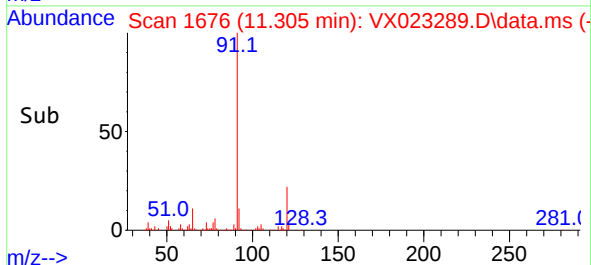
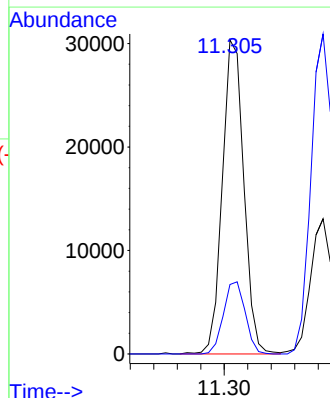
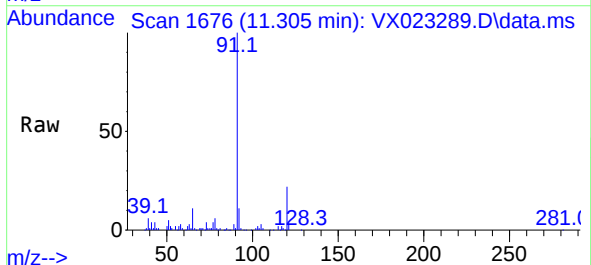
Manual Integrations
APPROVED

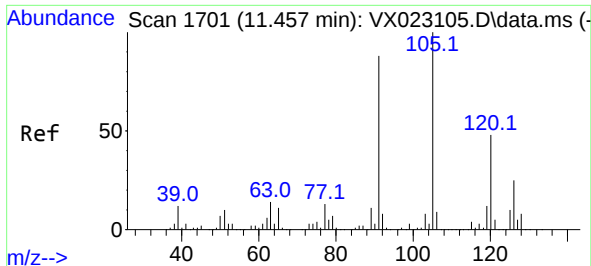
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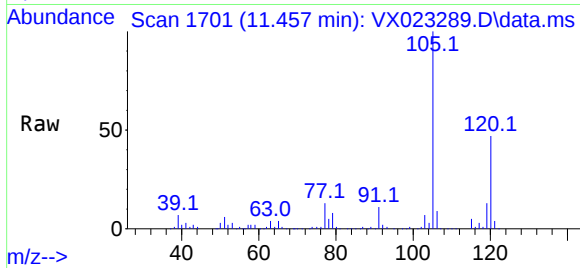
#78
n-propylbenzene
Concen: 3.199 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07

Tgt Ion: 91 Resp: 38601
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.5

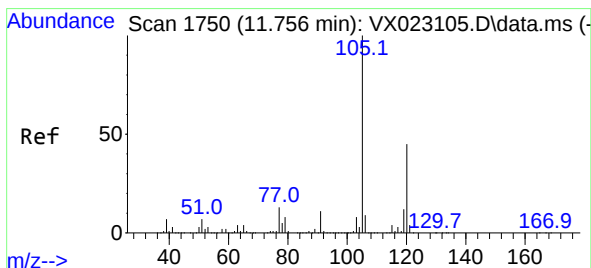
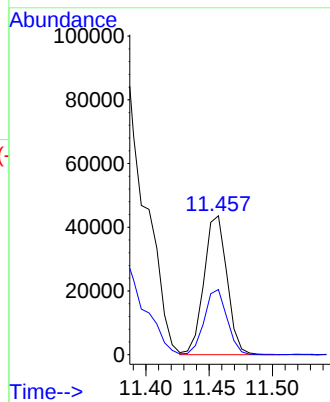
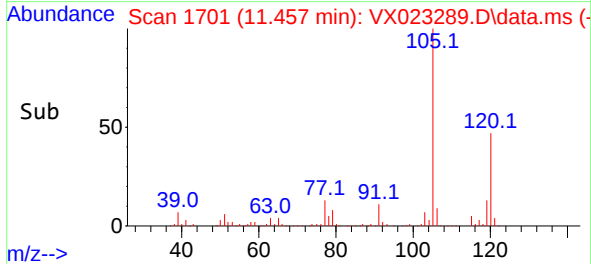




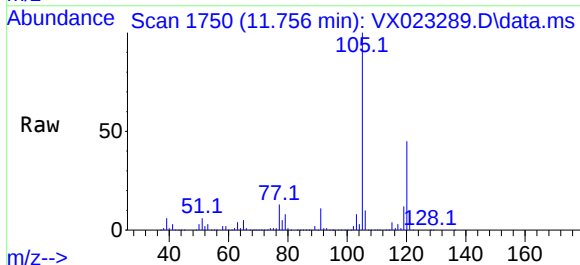
#80
1,3,5-Trimethylbenzene
Concen: 6.172 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07



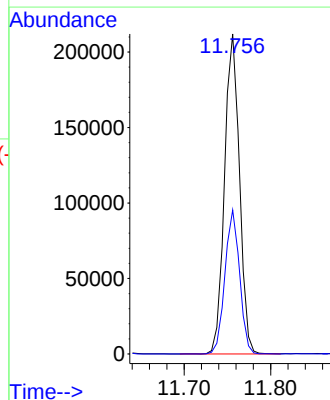
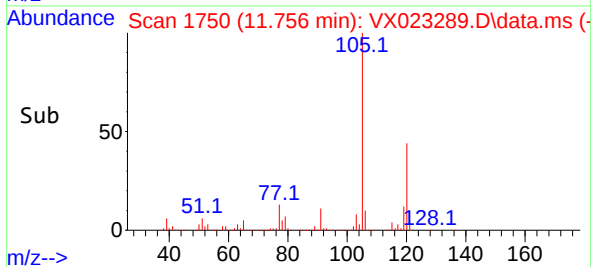
Tgt Ion:105 Resp: 55453
Ion Ratio Lower Upper
105 100
120 46.3 23.8 71.5



#84
1,2,4-Trimethylbenzene
Concen: 28.603 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07



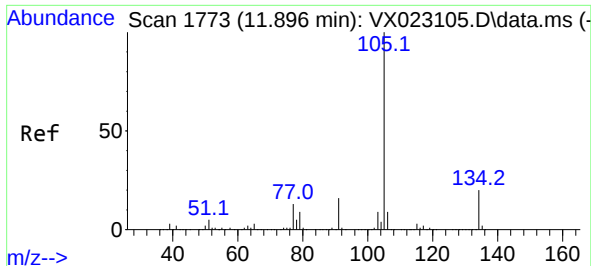
Tgt Ion:105 Resp: 253971
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.3



Instrument :
MSVOA_X
ClientSampleId :
NWB-1572

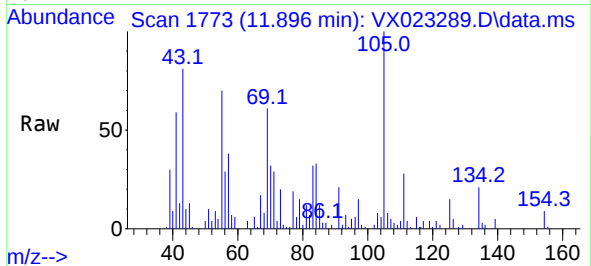
Manual Integrations
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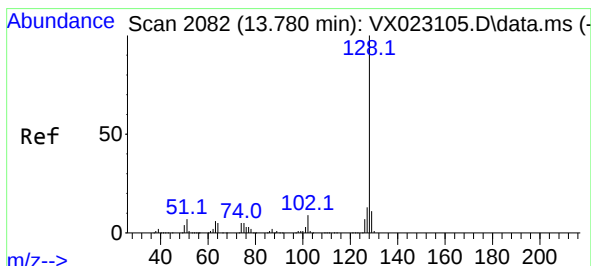
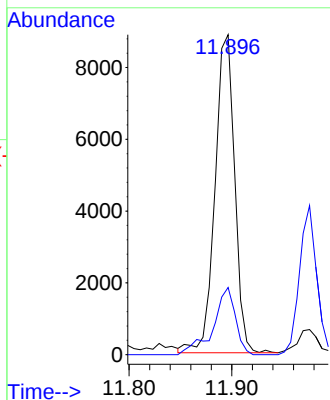
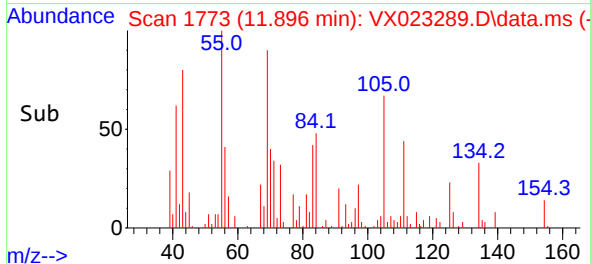


#85
sec-Butylbenzene
Concen: 1.073 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07

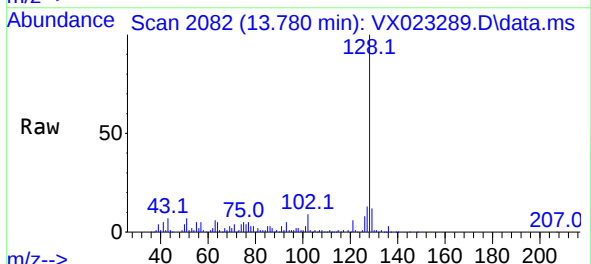
Instrument :
MSVOA_X
ClientSampled :
NWB-1572



Tgt Ion:105 Resp: 11777
Ion Ratio Lower Upper
105 100
134 23.8 10.0 29.8



#95
Naphthalene
Concen: 8.018 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023289.D
Acq: 14 Jul 2021 19:07



Tgt Ion:128 Resp: 76509
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 12.5 8.8 13.2

