

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021515.D
 Acq On : 26 Mar 2021 03:15
 Operator : JC/MD
 Sample : M1806-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2R

Manual Integrations
 APPROVED

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 3/26/2021 1:14:35 PM

Quant Time: Mar 26 06:35:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	62463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	109282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	115262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	59530	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	50849	48.93	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.86%		
35) Dibromofluoromethane	5.470	113	39016	50.26	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.52%		
50) Toluene-d8	8.694	98	141987	51.33	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.66%		
62) 4-Bromofluorobenzene	11.118	95	60679	56.42	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.84%		
Target Compounds					Qvalue	
16) Acetone	2.423	43	3557	9.05	ug/l	88
25) 2-Butanone	4.641	43	1486	2.49	ug/l	91
31) Cyclohexane	5.547	56	27646	24.19	ug/l #	89
39) Methylcyclohexane	7.441	83	21053	17.73	ug/l	90
40) Benzene	6.117	78	22761	7.49	ug/l	96
52) Toluene	8.765	92	94554	50.35	ug/l	98
67) Ethyl Benzene	10.235	91	1022281	242.21	ug/l	98
68) m/p-Xylenes	10.347	106	2008593	1335.82	ug/l	96
69) o-Xylene	10.682	106	1008307	692.32	ug/l	96
73) Isopropylbenzene	11.000	105	70159	16.77	ug/l	99
78) n-propylbenzene	11.341	91	221677	44.88	ug/l	98
80) 1,3,5-Trimethylbenzene	11.494	105	1115293	312.10	ug/l	98
84) 1,2,4-Trimethylbenzene	11.794	105	3499495	971.48	ug/l	99
85) sec-Butylbenzene	11.930	105	16524m	4.12	ug/l	
86) p-Isopropyltoluene	12.047	119	13925m	3.81	ug/l	
95) Naphthalene	13.818	128	584331	150.57	ug/l	99

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

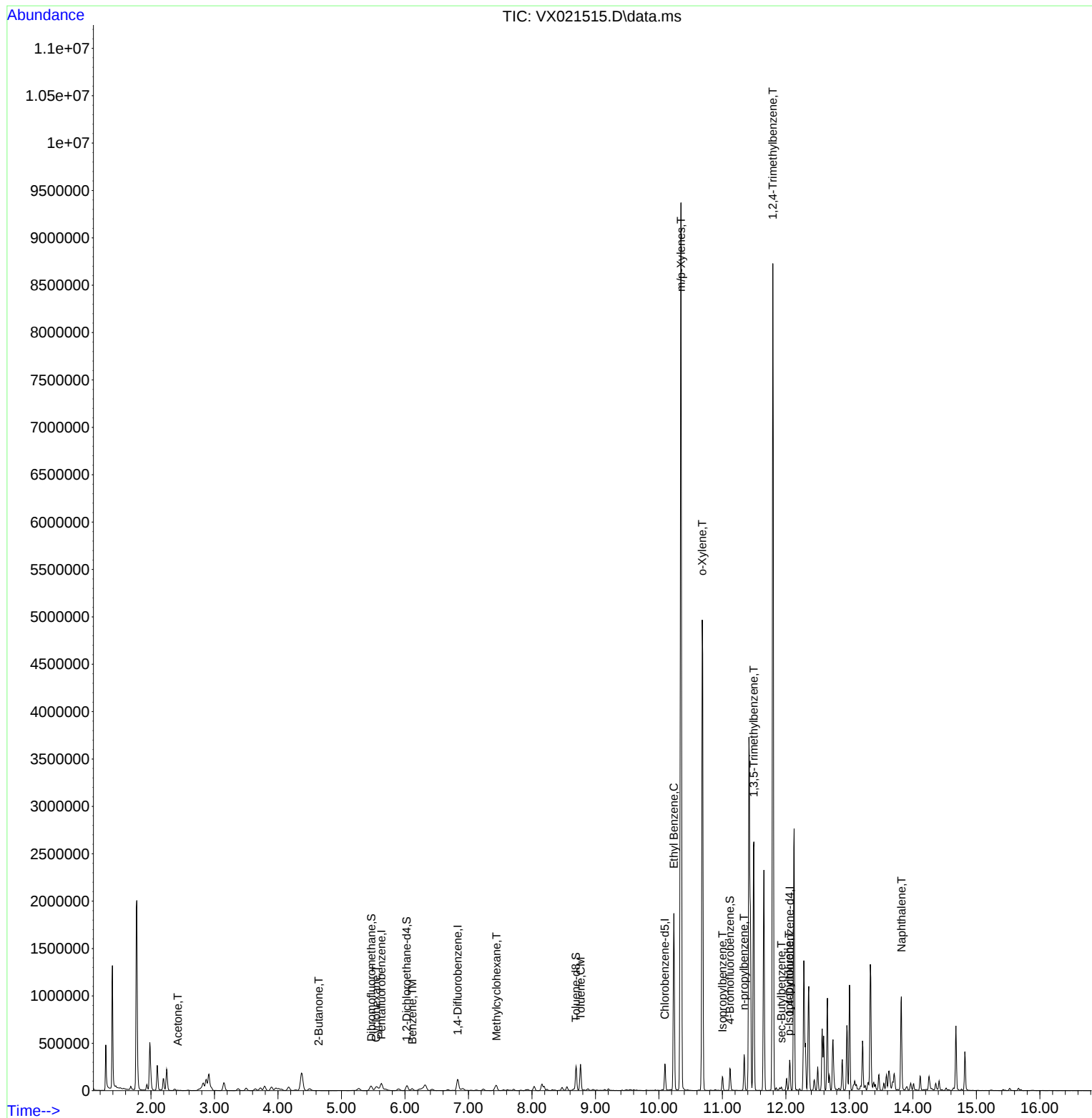
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
Data File : VX021515.D
Acq On : 26 Mar 2021 03:15
Operator : JC/MD
Sample : M1806-02
Misc : 5.0mL/MSVOA_X/WATER
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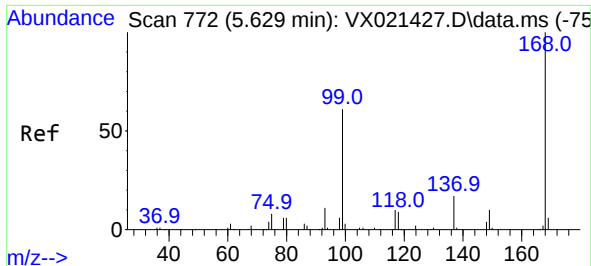
Instrument :
MSVOA_X
ClientSampleId :
MW2R

Quant Time: Mar 26 06:35:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration

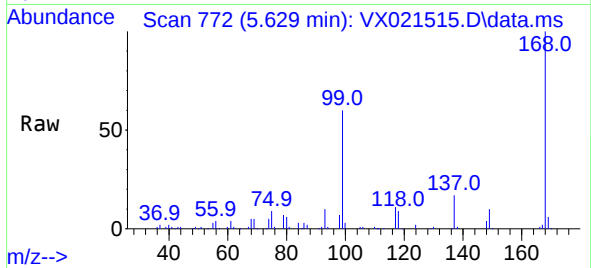
Manual Integrations
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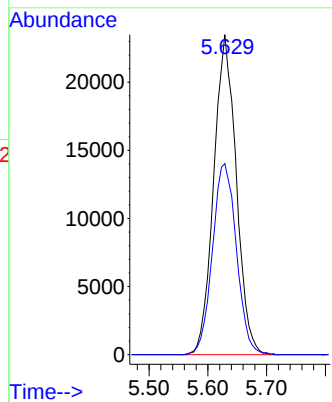
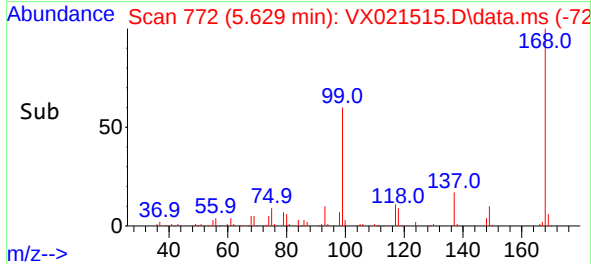




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15



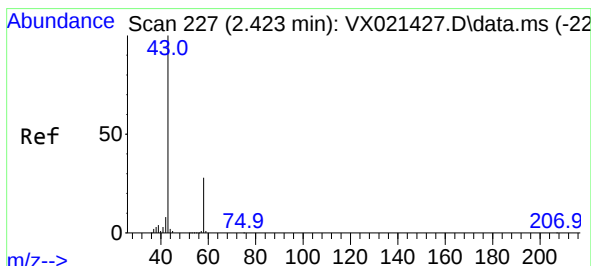
Tgt Ion: 168 Resp: 62463
Ion Ratio Lower Upper
168 100
99 59.7 45.8 68.6



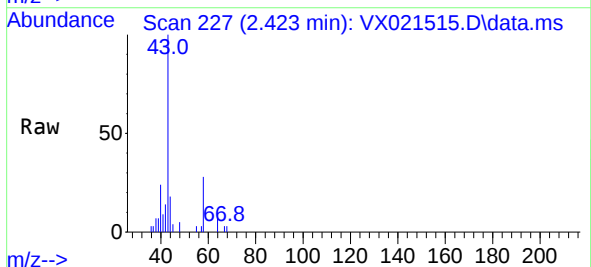
Instrument :
MSVOA_X
ClientSampleId :
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Manual Integrations
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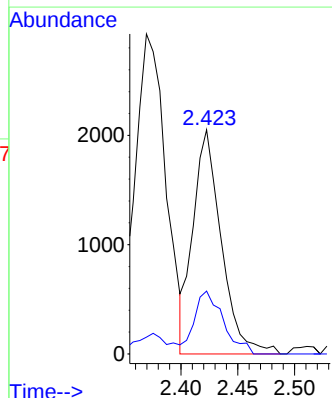
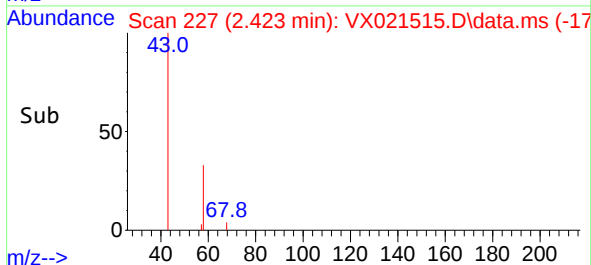
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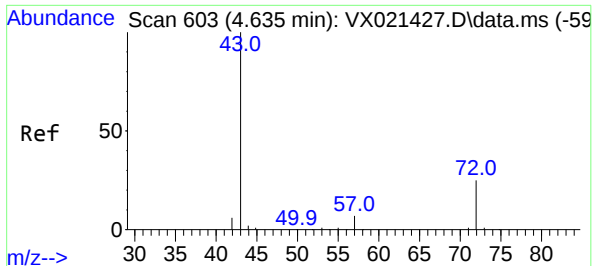


#16
Acetone
Concen: 9.05 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15

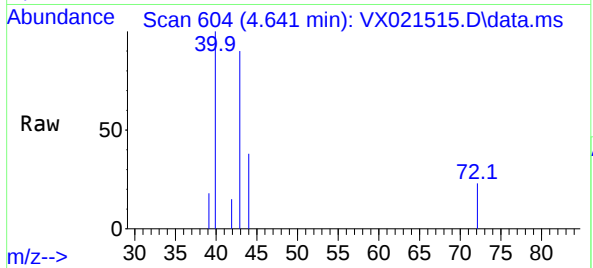


Tgt Ion: 43 Resp: 3557
Ion Ratio Lower Upper
43 100
58 28.0 27.8 41.8

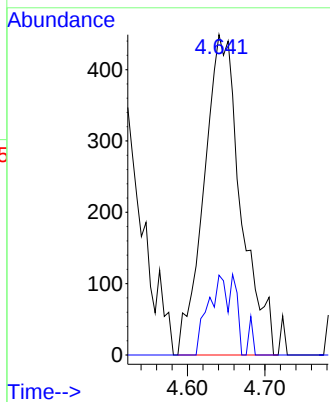
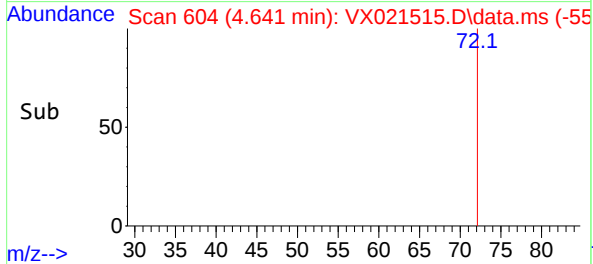




#25
2-Butanone
Concen: 2.49 ug/l
RT: 4.641 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15



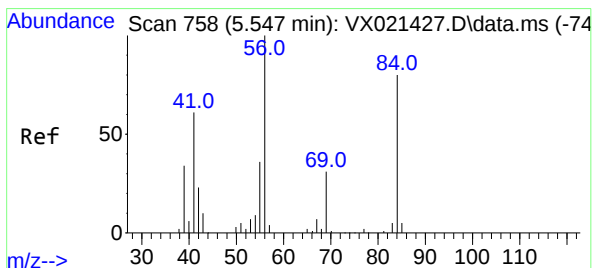
Tgt Ion: 43 Resp: 1486
Ion Ratio Lower Upper
43 100
72 24.9 23.7 35.5



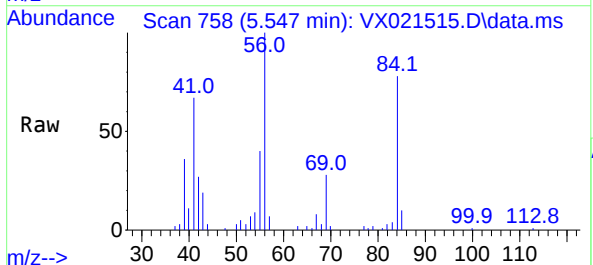
Instrument :
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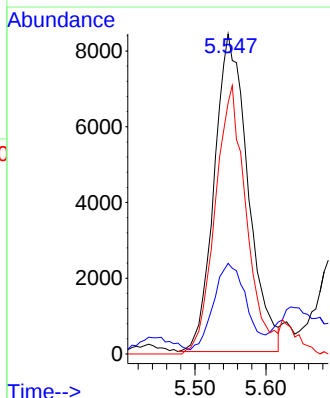
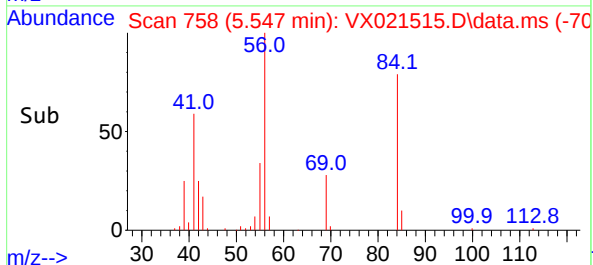
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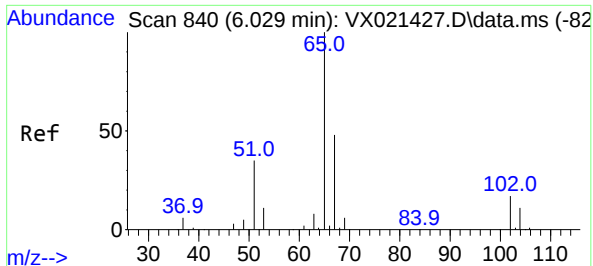


#31
Cyclohexane
Concen: 24.19 ug/l
RT: 5.547 min Scan# 758
Delta R.T. -0.000 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15



Tgt Ion: 56 Resp: 27646
Ion Ratio Lower Upper
56 100
69 25.1 25.3 37.9#
84 79.1 71.4 107.0





#33

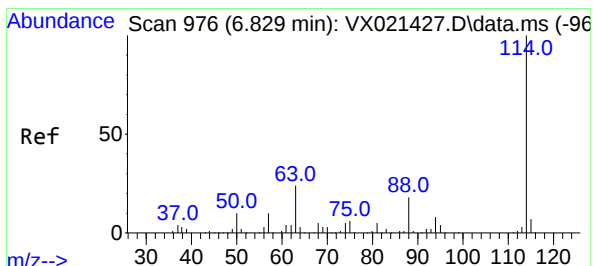
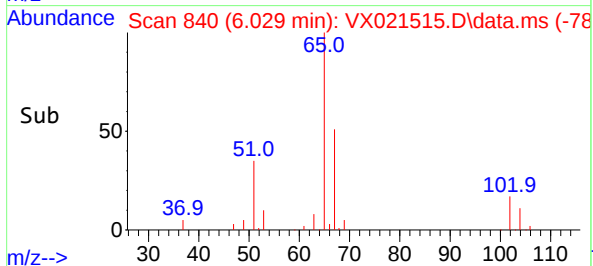
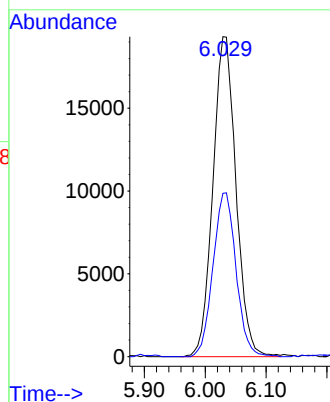
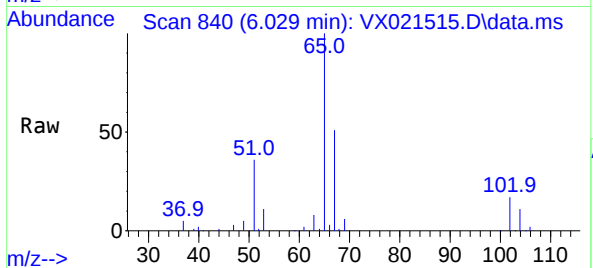
1,2-Dichloroethane-d4
Concen: 48.93 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15

Tgt Ion: 65 Resp: 50849
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.4

Instrument :
MSVOA_X
ClientSampleId :
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Manual Integrations
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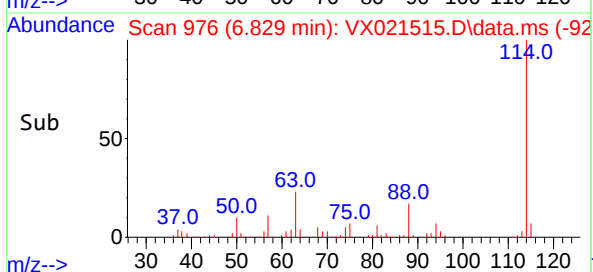
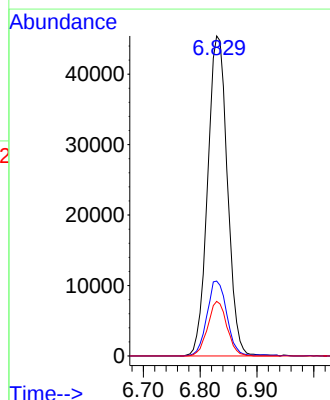
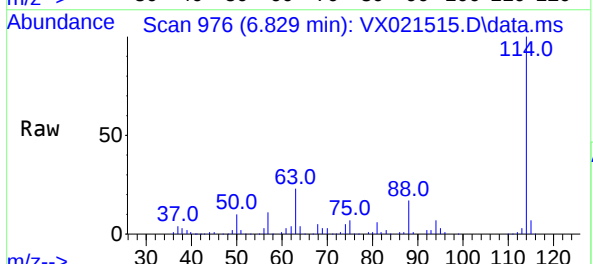
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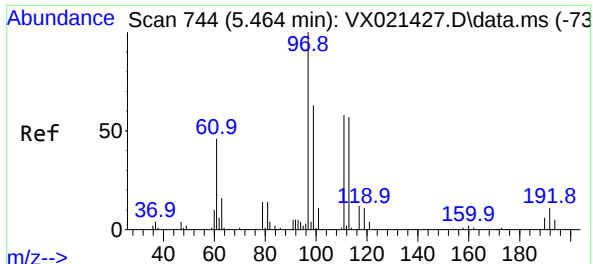


#34

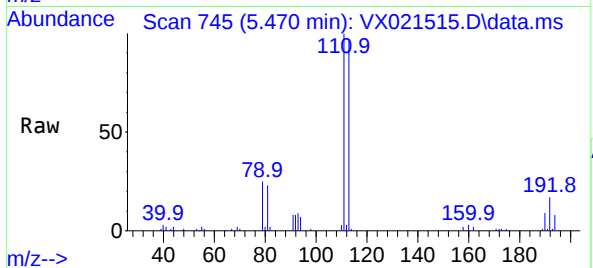
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15

Tgt Ion: 114 Resp: 109282
Ion Ratio Lower Upper
114 100
63 23.4 0.0 40.8
88 17.1 0.0 32.8

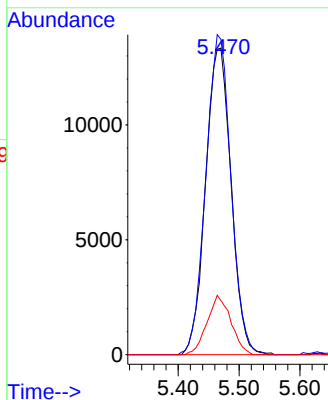
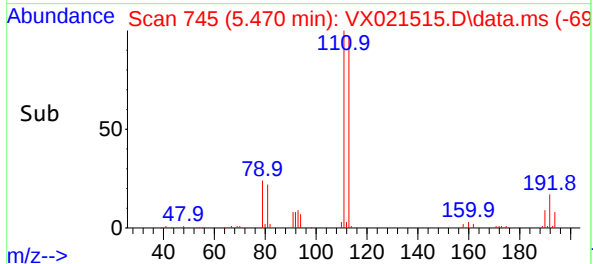




#35
Dibromofluoromethane
Concen: 50.26 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15



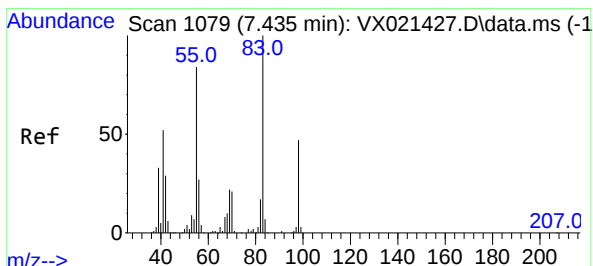
Tgt Ion: 113 Resp: 39016
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 18.0 16.7 25.1



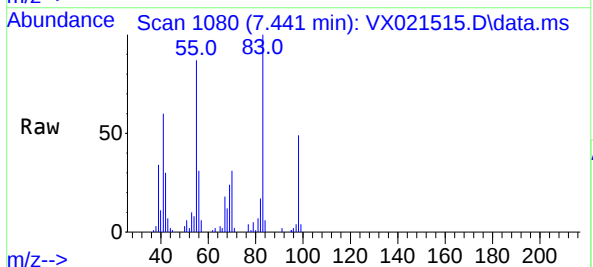
Instrument :
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ClientSampleId :
MW2R

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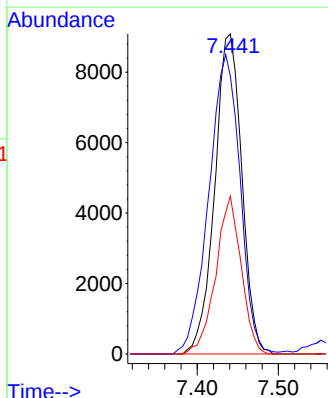
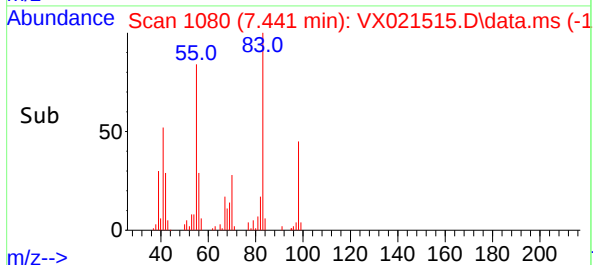
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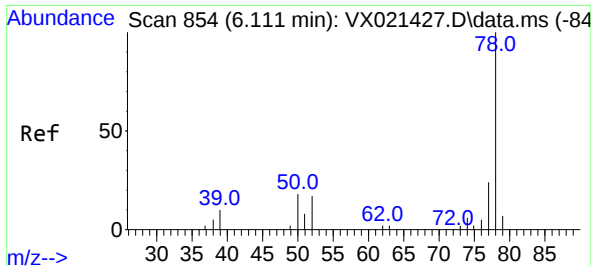


#39
Methylcyclohexane
Concen: 17.73 ug/l
RT: 7.441 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15

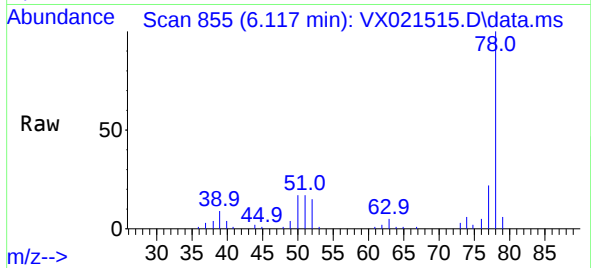


Tgt Ion: 83 Resp: 21053
Ion Ratio Lower Upper
83 100
55 86.3 58.9 88.3
98 49.3 38.1 57.1

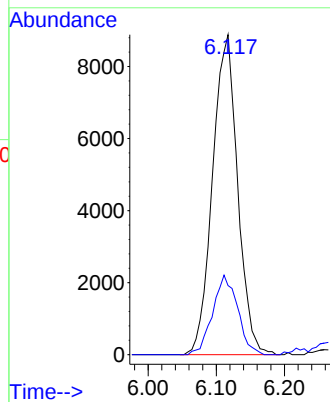
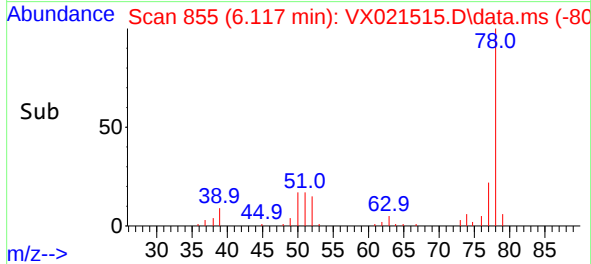




#40
Benzene
Concen: 7.49 ug/l
RT: 6.117 min Scan# 855
Delta R.T. 0.006 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15



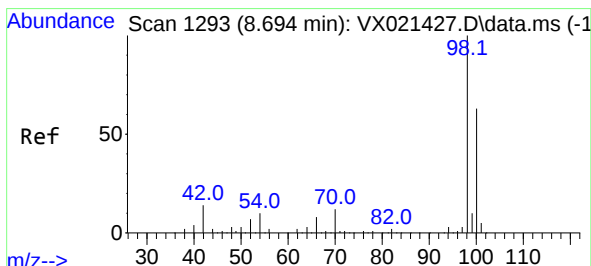
Tgt Ion: 78 Resp: 22761
Ion Ratio Lower Upper
78 100
77 21.6 18.9 28.3



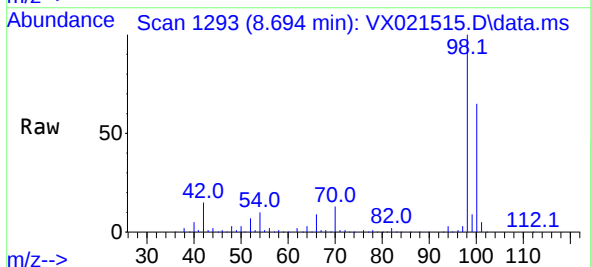
Instrument :
MSVOA_X
ClientSampled :
MW2R

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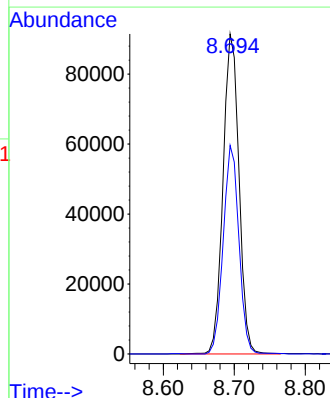
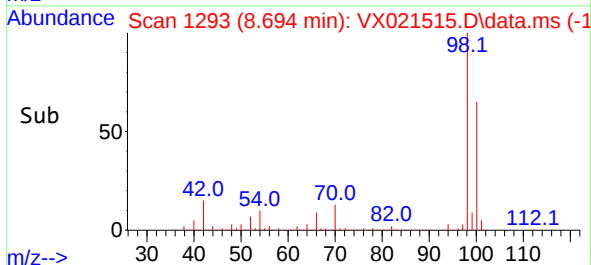
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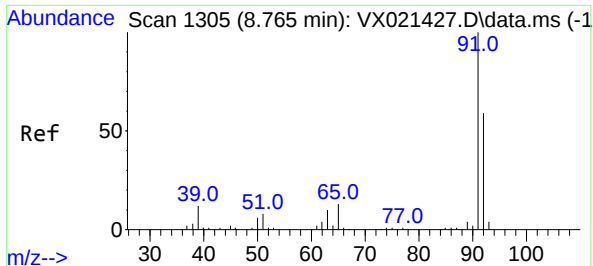


#50
Toluene-d8
Concen: 51.33 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15



Tgt Ion: 98 Resp: 141987
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9





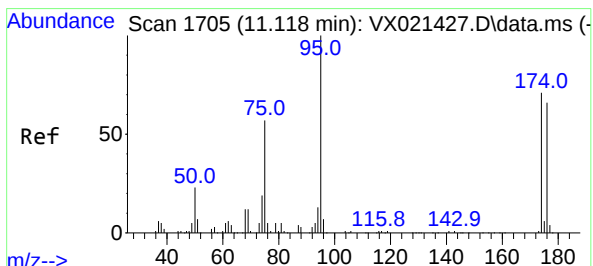
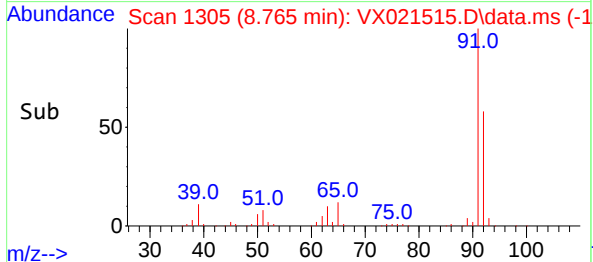
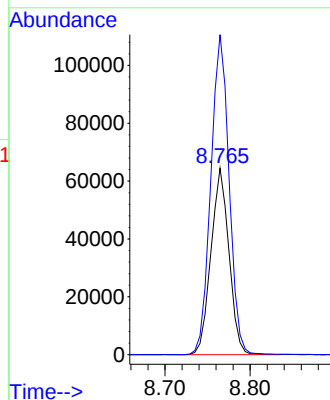
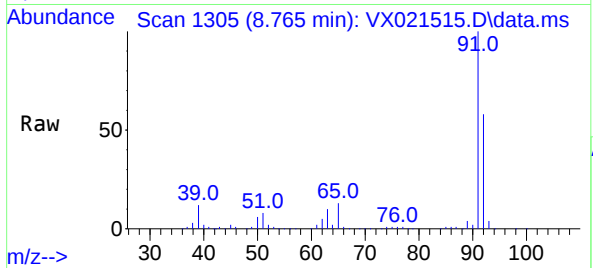
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Toluene
Concen: 50.35 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15

Tgt Ion: 92 Resp: 94554
Ion Ratio Lower Upper
92 100
91 174.3 137.1 205.7

Instrument :
MSVOA_X
ClientSampleId :
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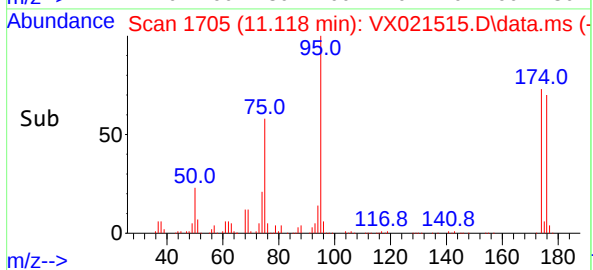
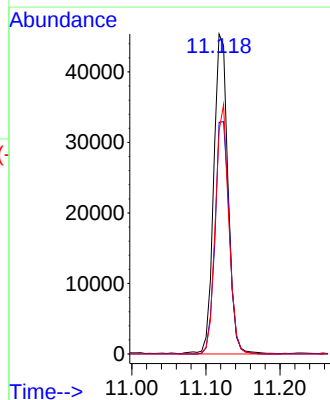
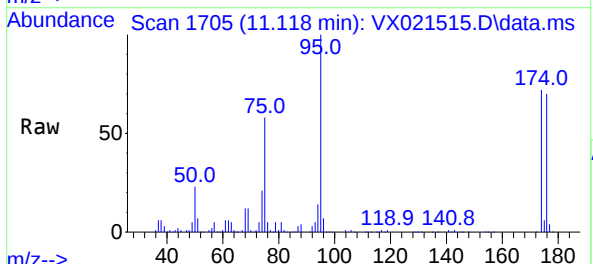
Manual Integrations
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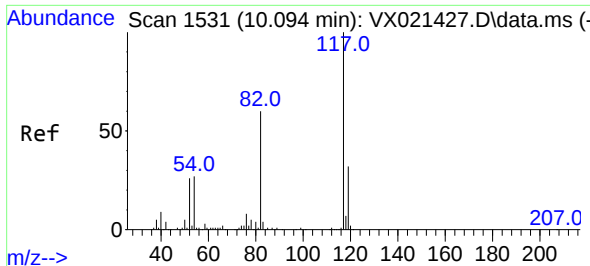
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#62
4-Bromofluorobenzene
Concen: 56.42 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15

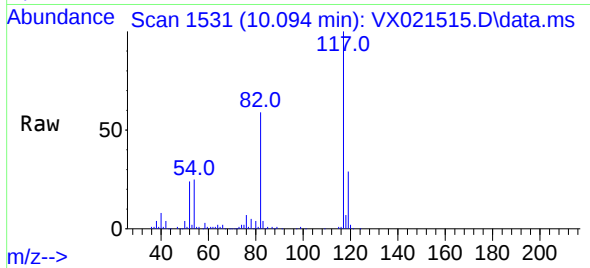
Tgt Ion: 95 Resp: 60679
Ion Ratio Lower Upper
95 100
174 72.1 0.0 154.6
176 72.7 0.0 155.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15

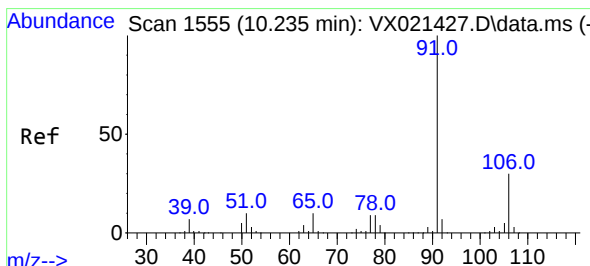
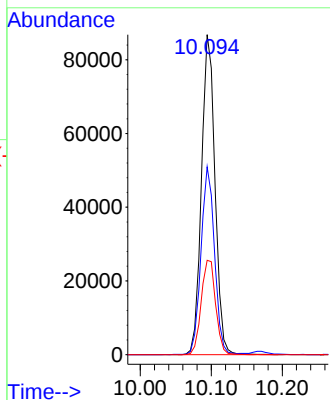
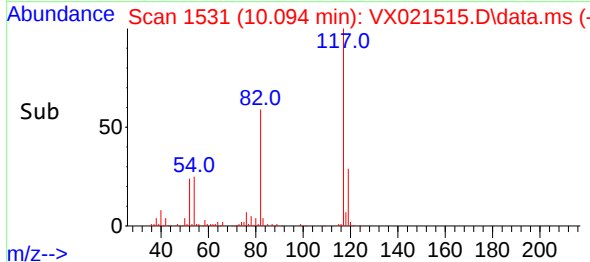
Instrument :
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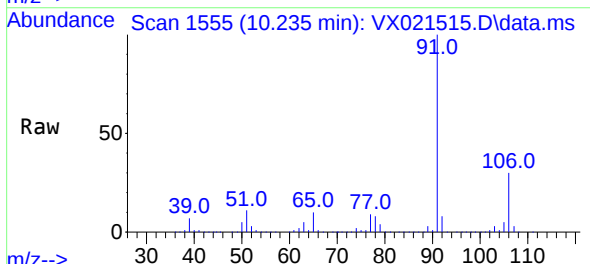
Tgt Ion:117 Resp: 115262
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 29.5 26.6 39.8

Manual Integrations
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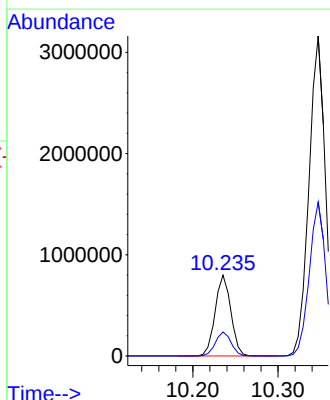
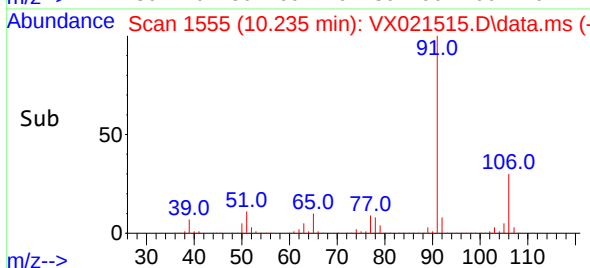
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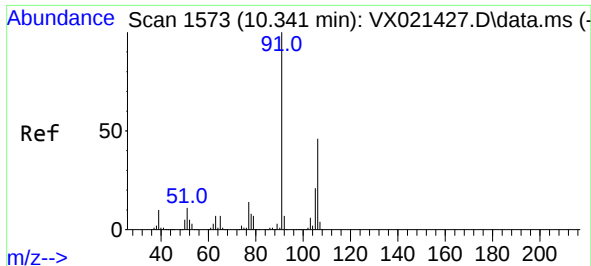


#67
Ethyl Benzene
Concen: 242.21 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15



Tgt Ion: 91 Resp: 1022281
Ion Ratio Lower Upper
91 100
106 29.8 24.6 37.0





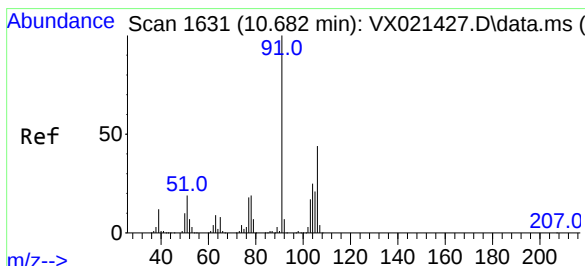
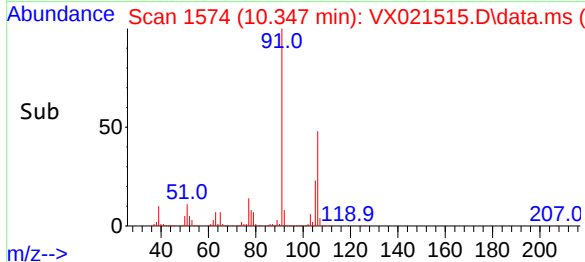
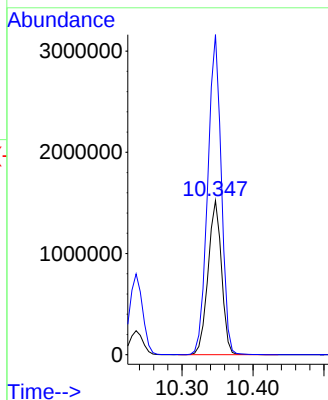
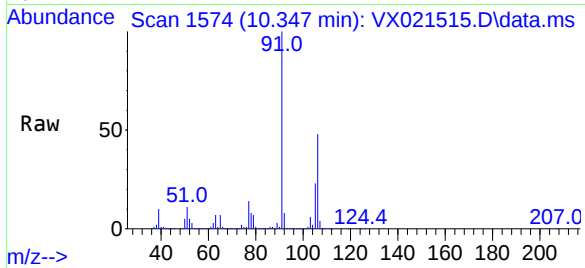
#68
m/p-Xylenes
Concen: 1335.82 ug/l
RT: 10.347 min Scan# 1574
Delta R.T. 0.006 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15

Tgt Ion:106 Resp: 2008593
Ion Ratio Lower Upper
106 100
91 209.1 162.8 244.2

Instrument :
MSVOA_X
ClientSampleId :
MW2R

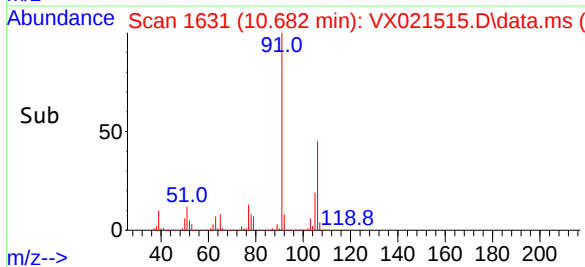
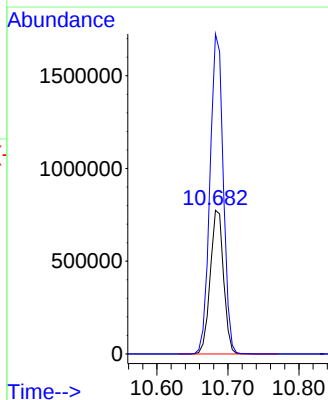
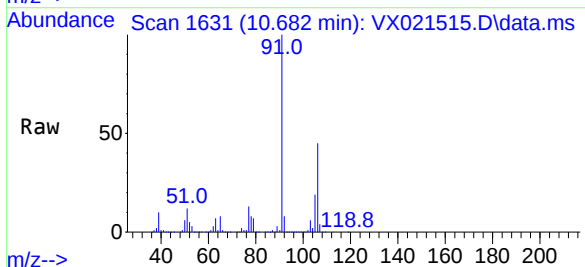
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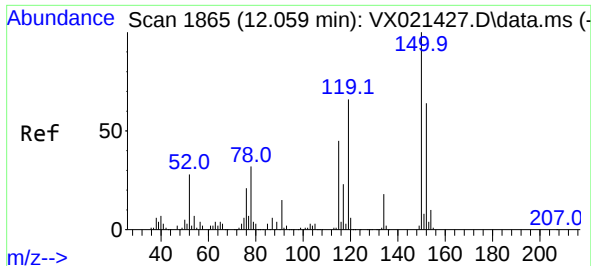
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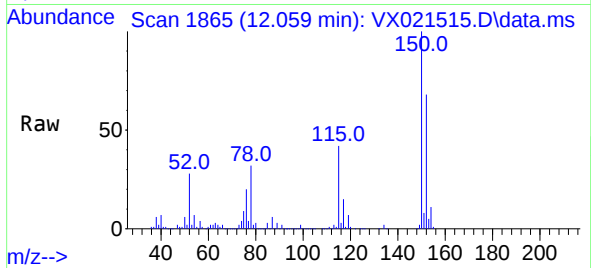
#69
o-Xylene
Concen: 692.32 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15

Tgt Ion:106 Resp: 1008307
Ion Ratio Lower Upper
106 100
91 222.3 108.1 324.2

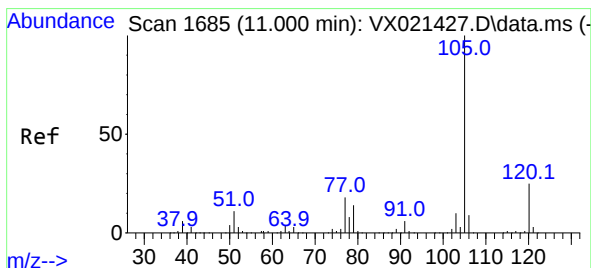
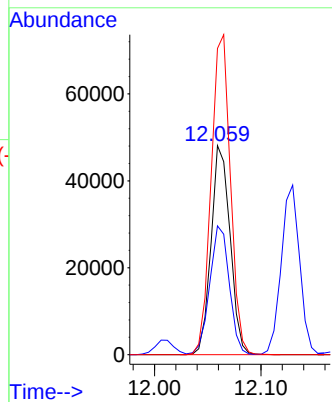
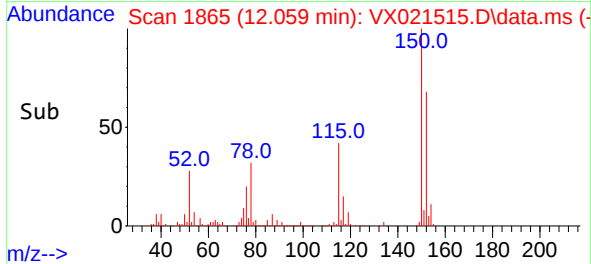




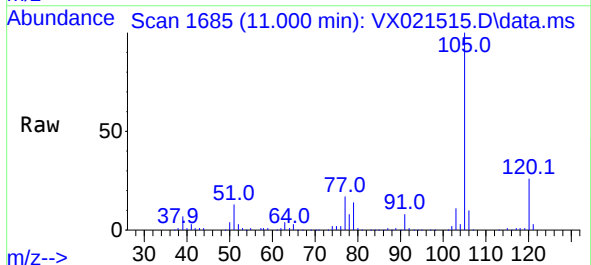
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15



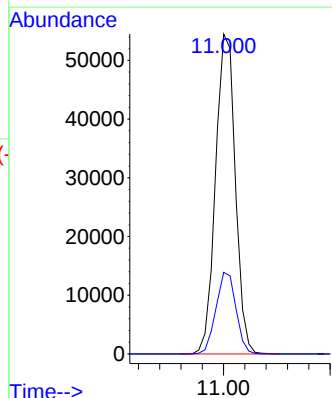
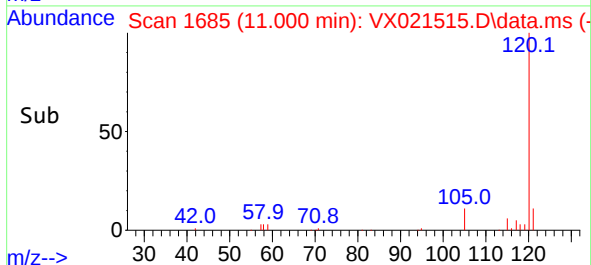
Tgt Ion:152 Resp: 59530
Ion Ratio Lower Upper
152 100
115 63.2 41.1 123.3
150 155.1 0.0 349.0



#73
Isopropylbenzene
Concen: 16.77 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15



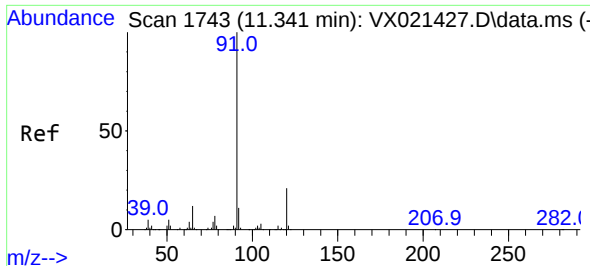
Tgt Ion:105 Resp: 70159
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.6



Instrument :
MSVOA_X
ClientSampleId :
MW2R

Manual Integrations
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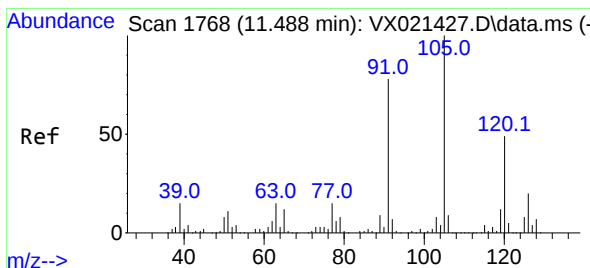
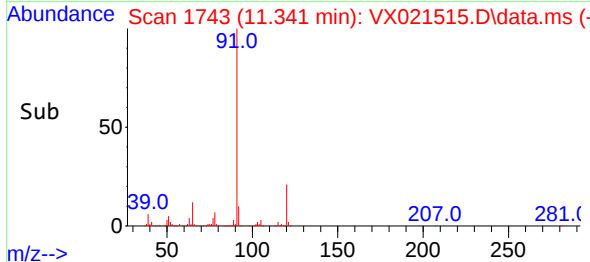
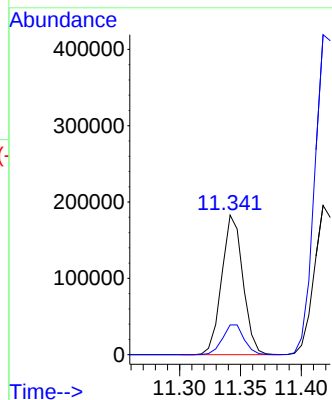
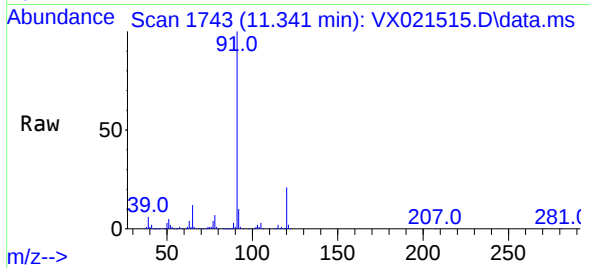
#78
n-propylbenzene
Concen: 44.88 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15

Tgt Ion: 91 Resp: 221677
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.5

Instrument :
MSVOA_X
ClientSampleId :
MW2R

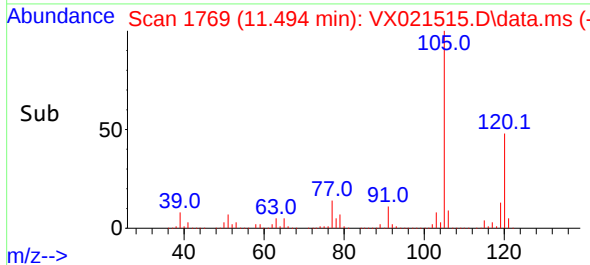
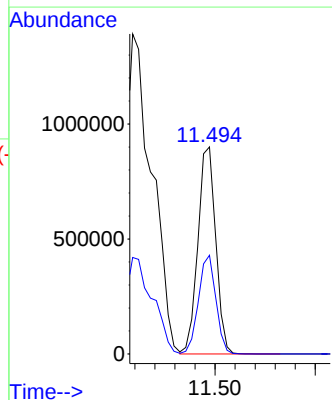
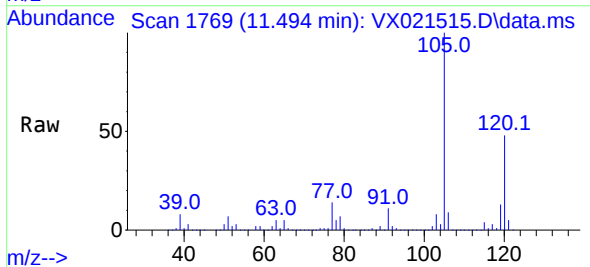
Manual Integrations
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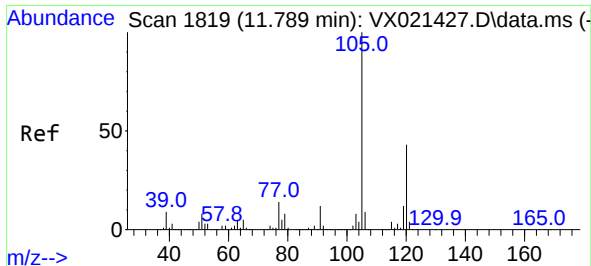
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#80
1,3,5-Trimethylbenzene
Concen: 312.10 ug/l
RT: 11.494 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15

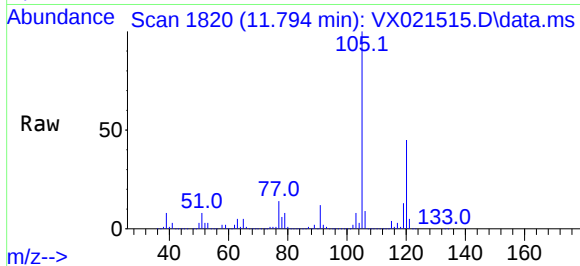
Tgt Ion: 105 Resp: 1115293
Ion Ratio Lower Upper
105 100
120 46.5 23.8 71.5





#84
1,2,4-Trimethylbenzene
Concen: 971.48 ug/l
RT: 11.794 min Scan# 1820
Delta R.T. 0.005 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15

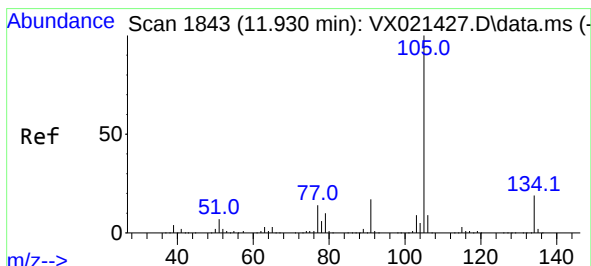
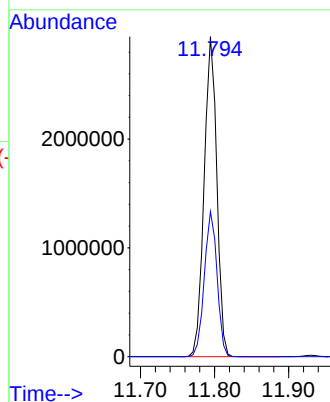
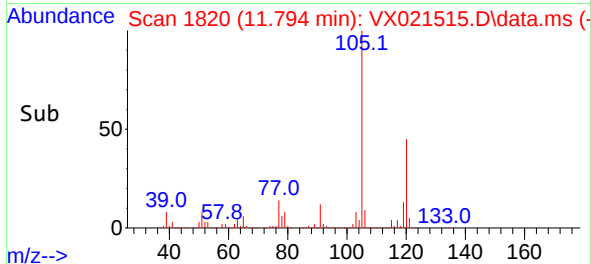
Instrument :
MSVOA_X
ClientSampleId :
MW2R



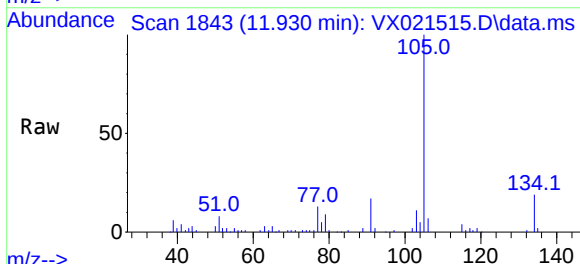
Tgt Ion:105 Resp: 3499495
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.3

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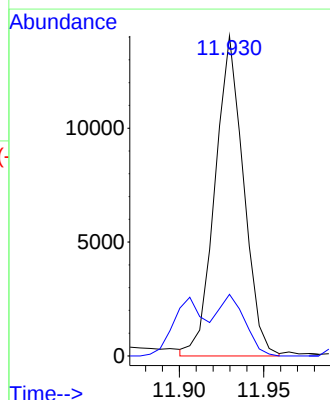
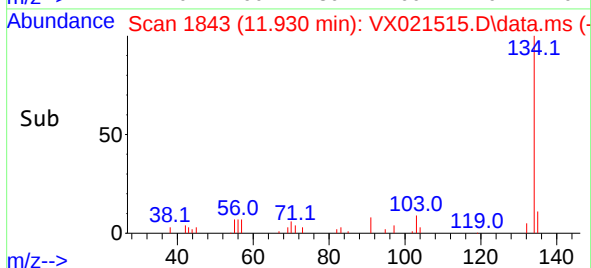
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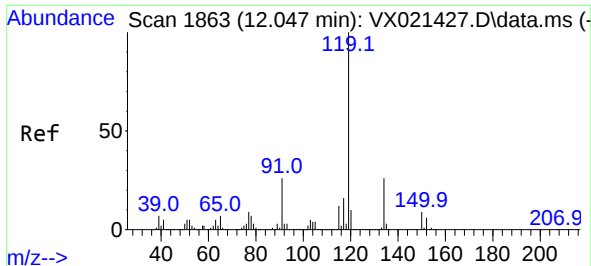


#85
sec-Butylbenzene
Concen: 4.12 ug/l m
RT: 11.930 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15



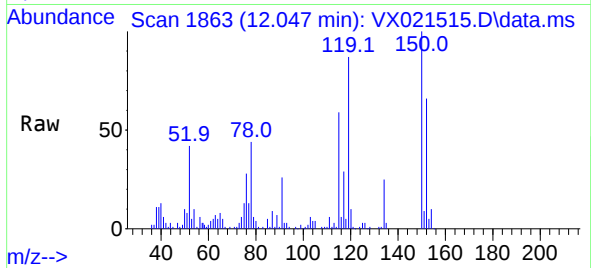
Tgt Ion:105 Resp: 16524
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#





#86
p-Isopropyltoluene
Concen: 3.81 ug/l m
RT: 12.047 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15

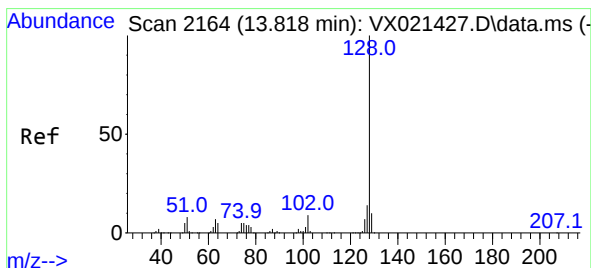
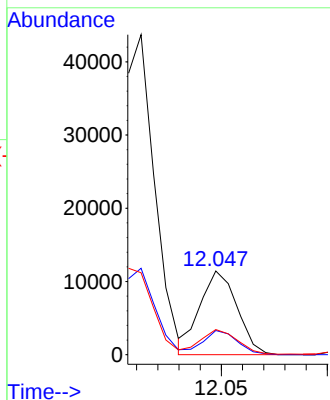
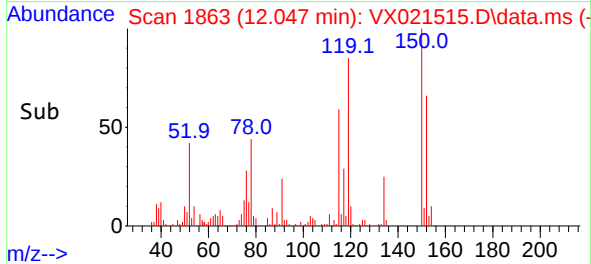
Instrument :
MSVOA_X
ClientSampled :
MW2R



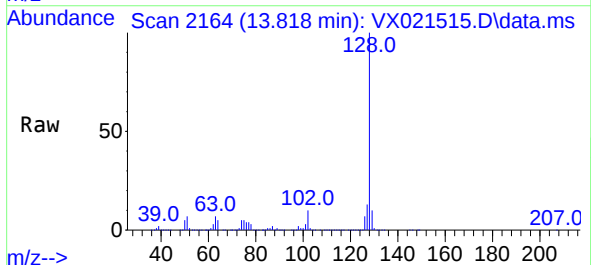
Tgt Ion:119 Resp: 13925
Ion Ratio Lower Upper
119 100
134 101.0 12.9 38.7#
91 102.7 11.7 35.0#

Manual Integrations
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#95
Naphthalene
Concen: 150.57 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021515.D
Acq: 26 Mar 2021 03:15



Tgt Ion:128 Resp: 584331
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.3 8.8 13.2

