

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
 Data File : VX021721.D
 Acq On : 01 Apr 2021 20:11
 Operator : JC/MD
 Sample : M1883-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 V-211

Manual Integrations
 APPROVED

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Quant Time: Apr 02 03:32:40 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	62171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	113545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	125304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	64329	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	52657	50.90	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.80%			
35) Dibromofluoromethane	5.464	113	41071	50.92	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.84%			
50) Toluene-d8	8.694	98	149299	51.95	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.90%			
62) 4-Bromofluorobenzene	11.118	95	65205	58.35	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.70%			
Target Compounds					Qvalue	
16) Acetone	2.417	43	14061	35.95	ug/l #	85
20) Methylene Chloride	2.834	84	3239	4.24	ug/l	88
25) 2-Butanone	4.635	43	5026	8.48	ug/l #	88
31) Cyclohexane	5.547	56	2470	2.17	ug/l #	77
39) Methylcyclohexane	7.441	83	5684	4.61	ug/l	92
43) Isopropyl Acetate	6.411	43	9608	4.60	ug/l #	89
52) Toluene	8.765	92	124867	63.99	ug/l	98
67) Ethyl Benzene	10.235	91	157518	34.33	ug/l	99
68) m/p-Xylenes	10.341	106	359559	219.96	ug/l	95
69) o-Xylene	10.682	106	211585	133.64	ug/l	91
73) Isopropylbenzene	11.000	105	13986	3.09	ug/l	96
78) n-propylbenzene	11.341	91	41678	7.81	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	152085	39.38	ug/l	99
84) 1,2,4-Trimethylbenzene	11.788	105	499189	128.24	ug/l	100
85) sec-Butylbenzene	11.930	105	5601m	1.29	ug/l	
86) p-Isopropyltoluene	12.047	119	7940	2.01	ug/l	90
91) 1,2-Dichlorobenzene	12.377	146	13508	6.89	ug/l	99
95) Naphthalene	13.818	128	683470	162.98	ug/l	99

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

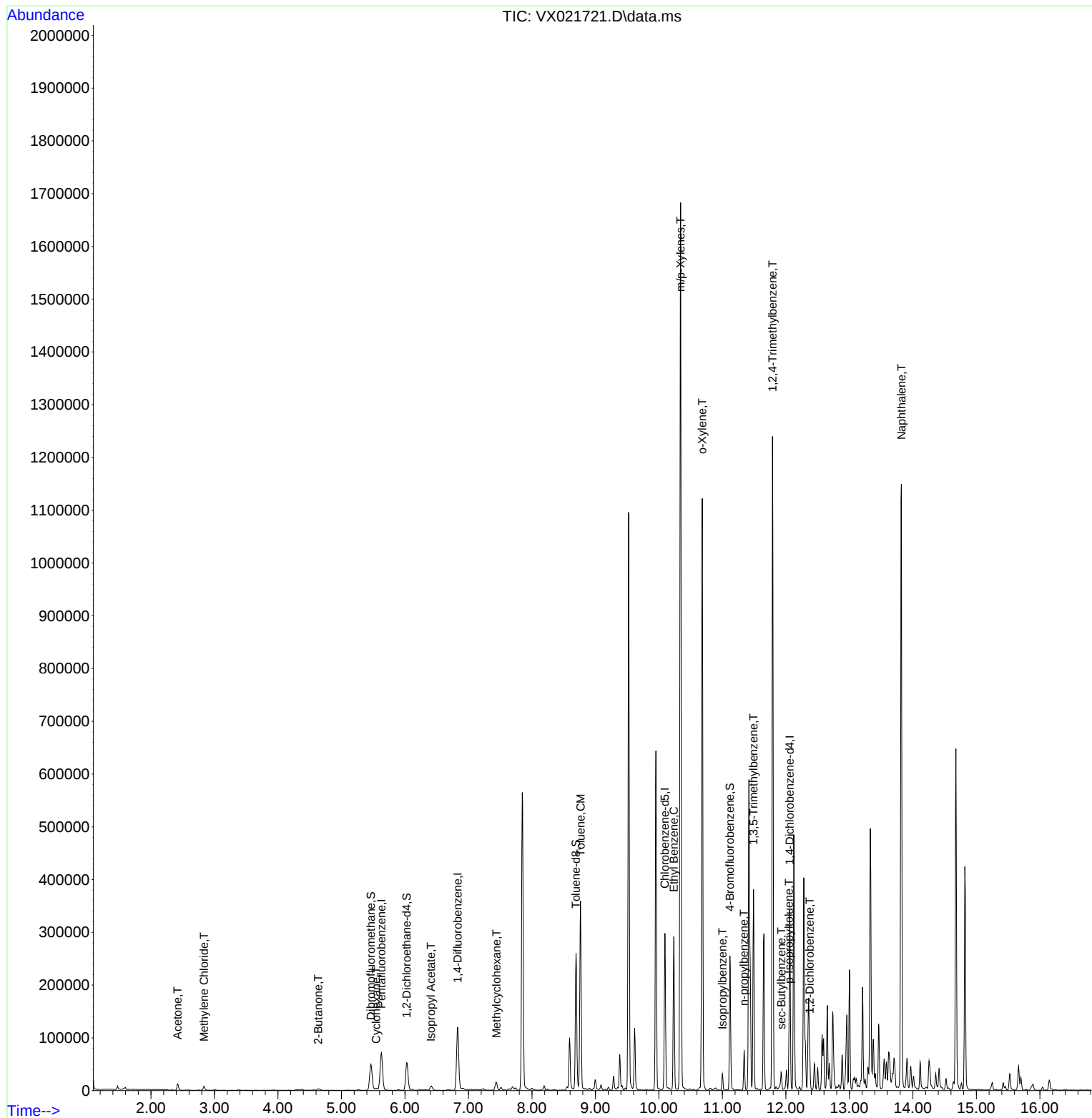
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Data File : VX021721.D
Acq On : 01 Apr 2021 20:11
Operator : JC/MD
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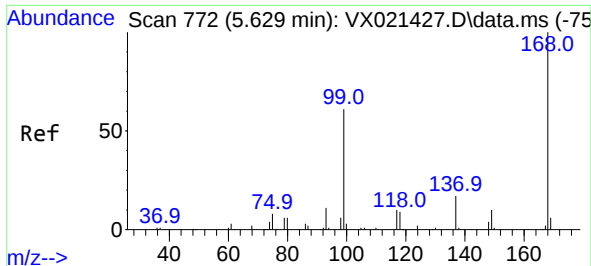
Instrument :
MSVOA_X
ClientSampleId :
V-211

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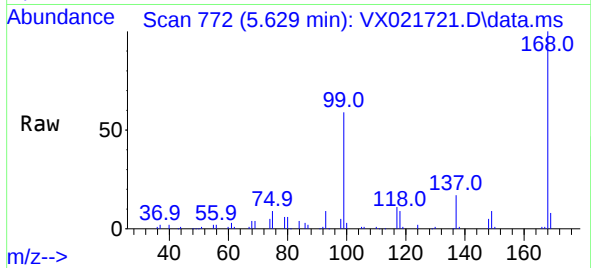
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4/2/2021 12:55:09 PM

Quant Time: Apr 02 03:32:40 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

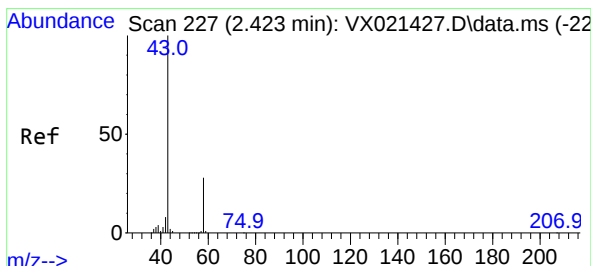
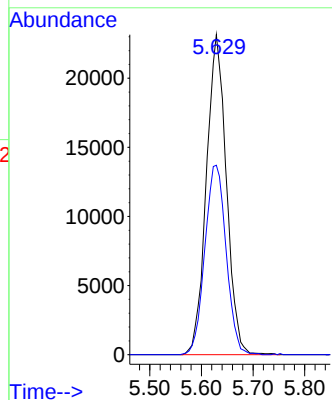
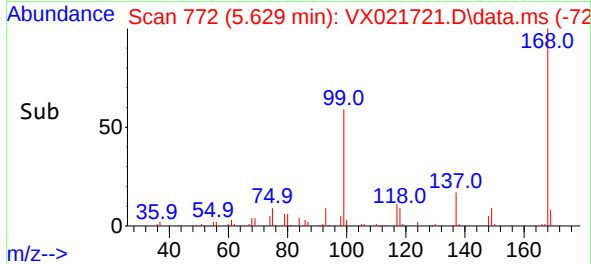




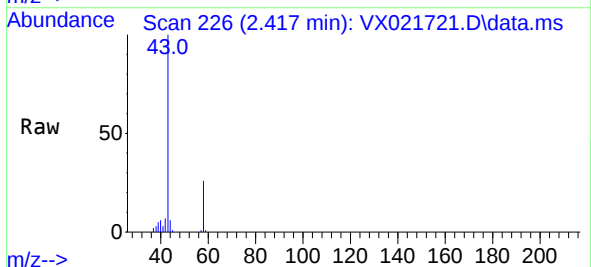
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11



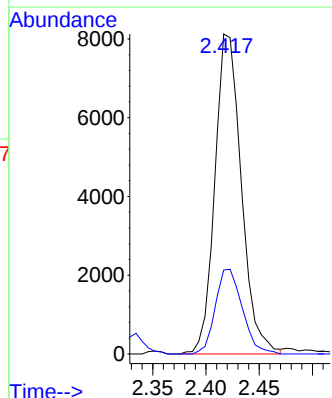
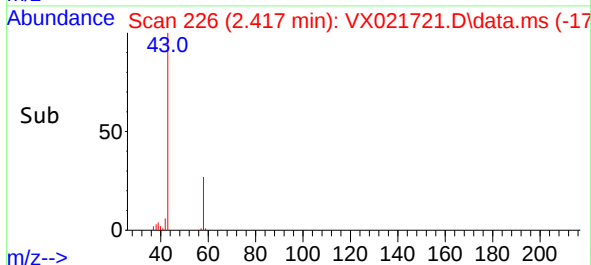
Tgt Ion:168 Resp: 62171
Ion Ratio Lower Upper
168 100
99 59.2 45.8 68.6



#16
Acetone
Concen: 35.95 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11



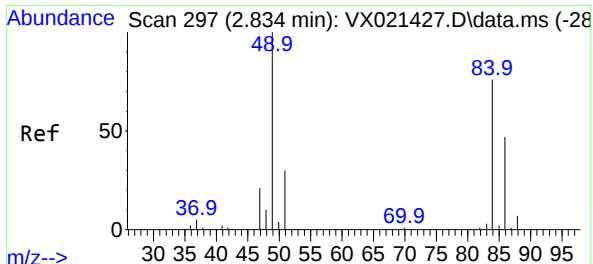
Tgt Ion: 43 Resp: 14061
Ion Ratio Lower Upper
43 100
58 26.3 27.8 41.8#



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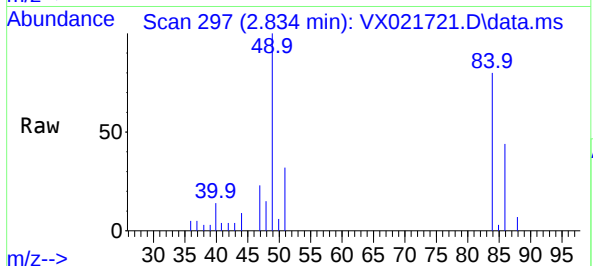
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#20
Methylene Chloride
Concen: 4.24 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11

Instrument :
MSVOA_X
ClientSampleId :
V-211

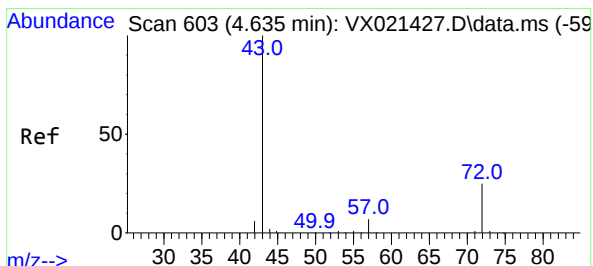
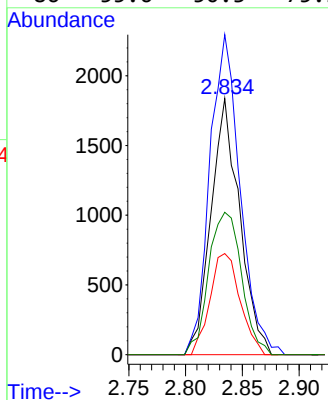
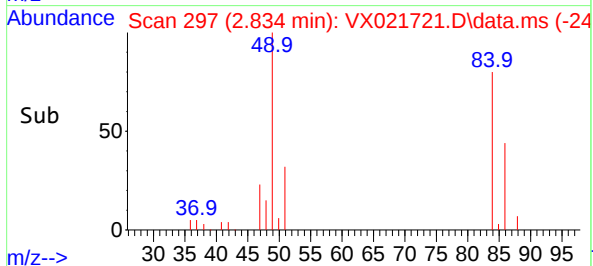


Tgt Ion: 84 Resp: 3239

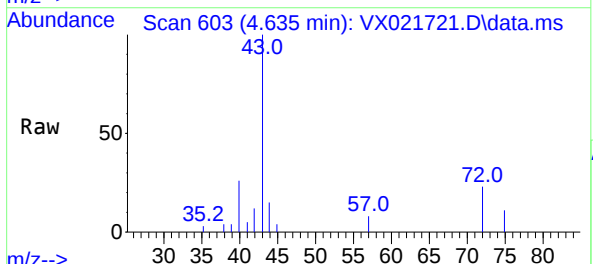
Ion	Ratio	Lower	Upper
84	100		
49	124.9	88.6	132.8
51	39.5	27.0	40.6
86	55.6	50.3	75.5

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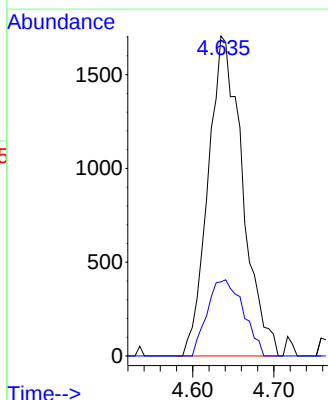
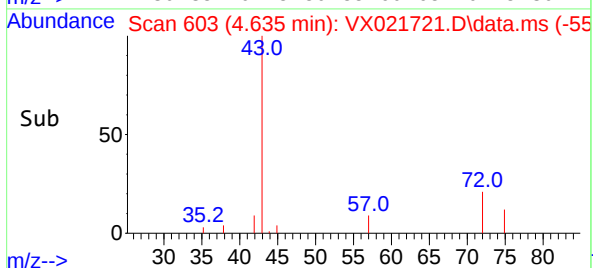


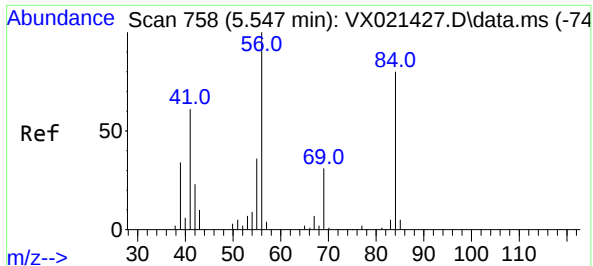
#25
2-Butanone
Concen: 8.48 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11



Tgt Ion: 43 Resp: 5026

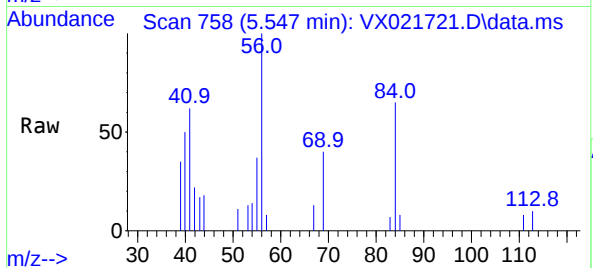
Ion	Ratio	Lower	Upper
43	100		
72	23.2	23.7	35.5#





#31
Cyclohexane
Concen: 2.17 ug/l
RT: 5.547 min Scan# 758
Delta R.T. -0.000 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11

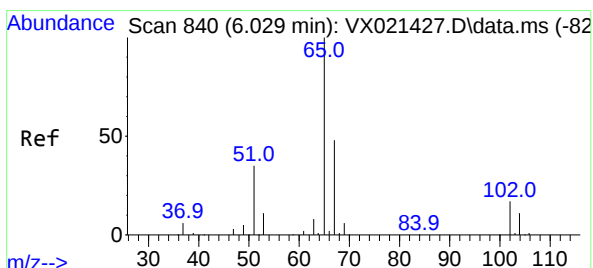
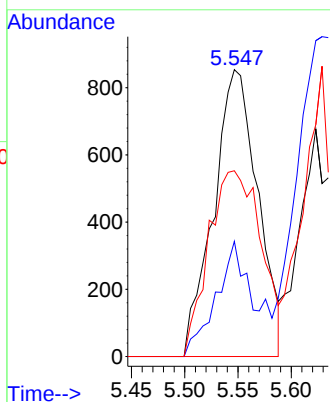
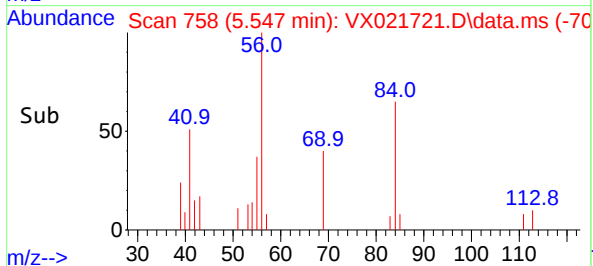
Instrument :
MSVOA_X
ClientSampled :
V-211



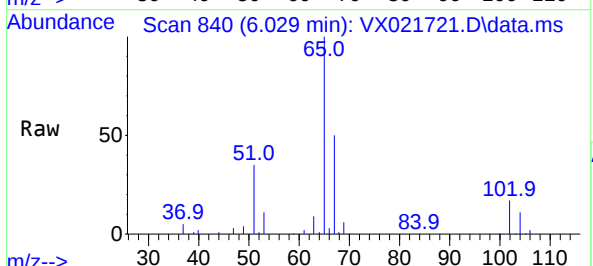
Tgt Ion: 56 Resp: 2470
Ion Ratio Lower Upper
56 100
69 40.2 25.3 37.9#
84 64.8 71.4 107.0#

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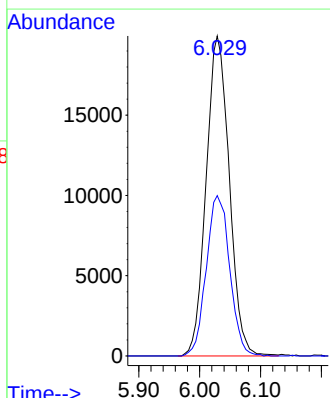
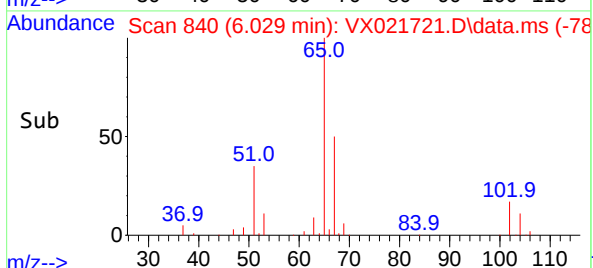
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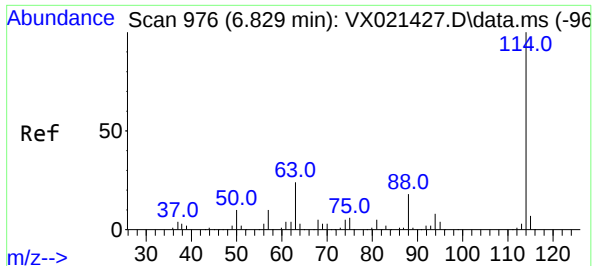


#33
1,2-Dichloroethane-d4
Concen: 50.90 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11

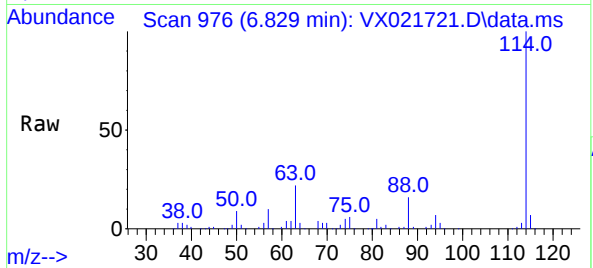


Tgt Ion: 65 Resp: 52657
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

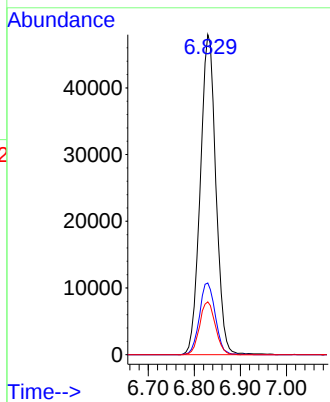
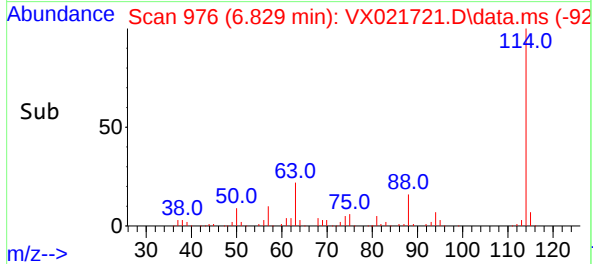




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11



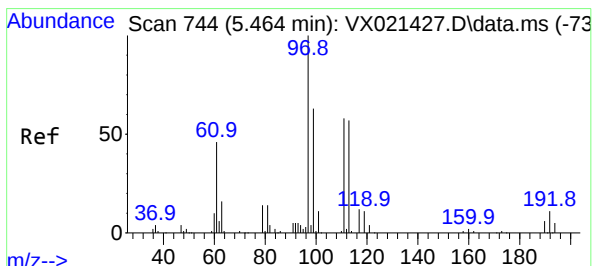
Tgt Ion:114 Resp: 113545
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.8
88 16.5 0.0 32.8



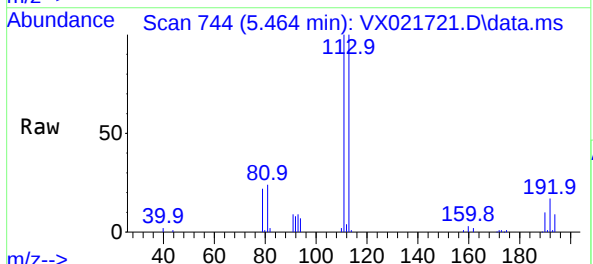
Instrument :
MSVOA_X
ClientSampleId :
V-211

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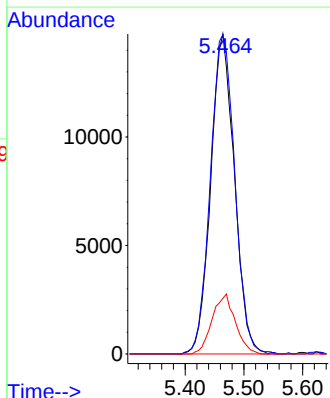
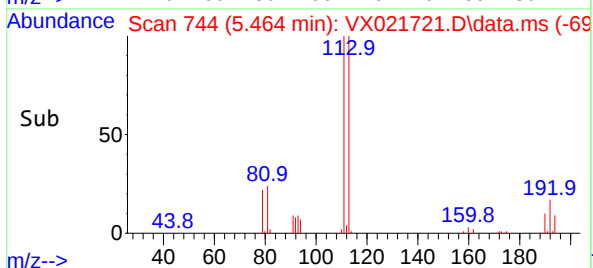
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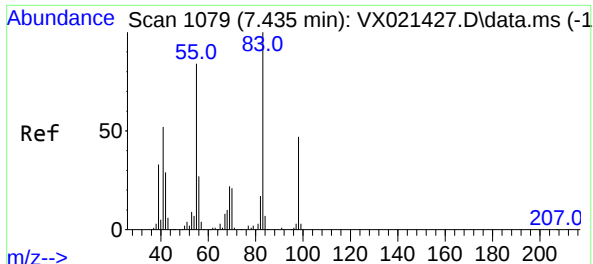


#35
Dibromofluoromethane
Concen: 50.92 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11



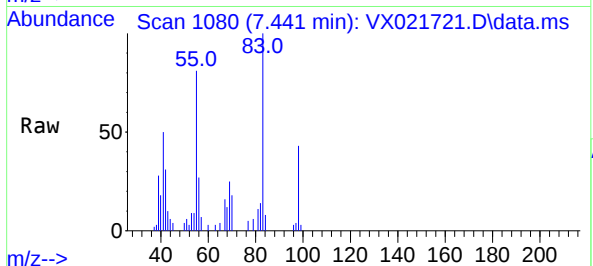
Tgt Ion:113 Resp: 41071
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 18.3 16.7 25.1





#39
Methylcyclohexane
Concen: 4.61 ug/l
RT: 7.441 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11

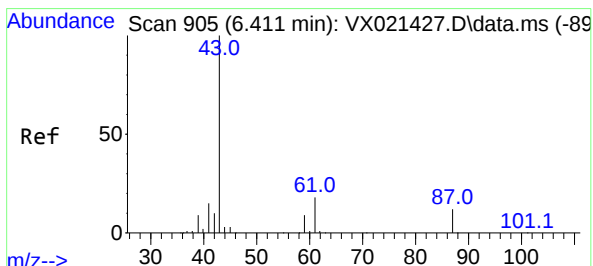
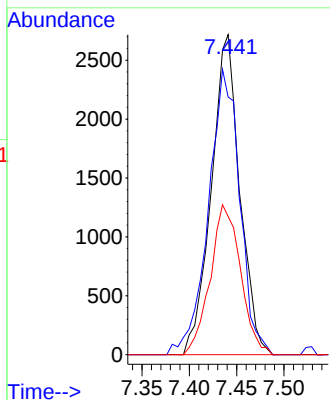
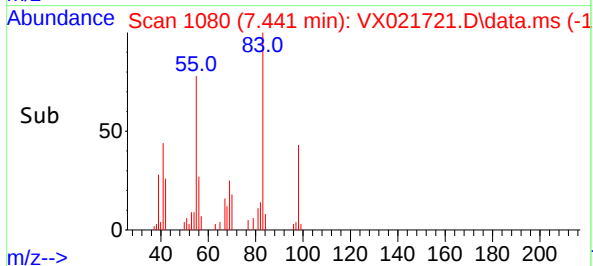
Instrument :
MSVOA_X
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V-211



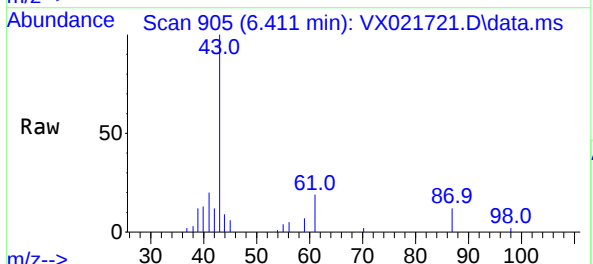
Tgt Ion:	83	Resp:	5684
Ion	Ratio	Lower	Upper
83	100		
55	80.5	58.9	88.3
98	43.2	38.1	57.1

Manual Integrations
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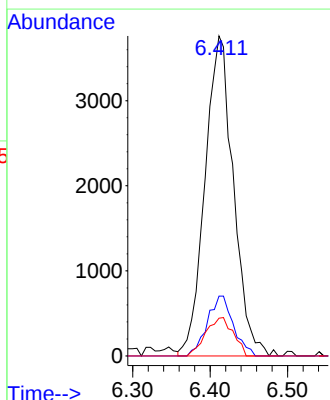
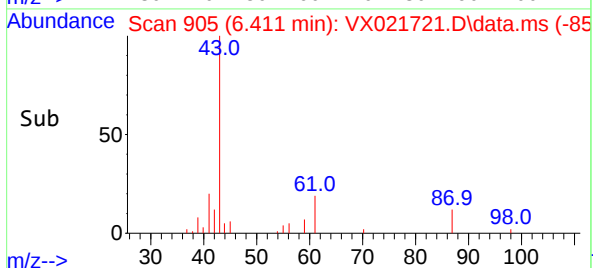
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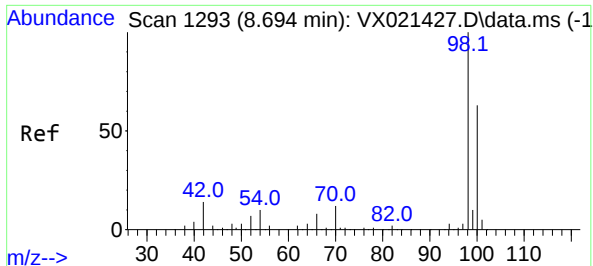


#43
Isopropyl Acetate
Concen: 4.60 ug/l
RT: 6.411 min Scan# 905
Delta R.T. 0.000 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11



Tgt Ion:	43	Resp:	9608
Ion	Ratio	Lower	Upper
43	100		
61	17.1	18.2	27.4#
87	11.5	12.5	18.7#





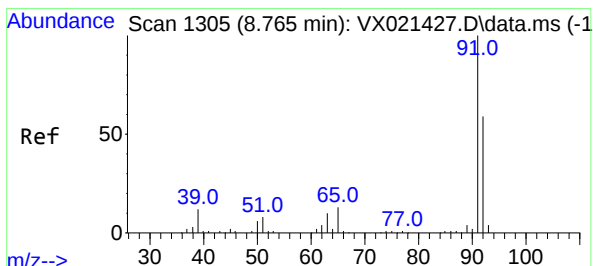
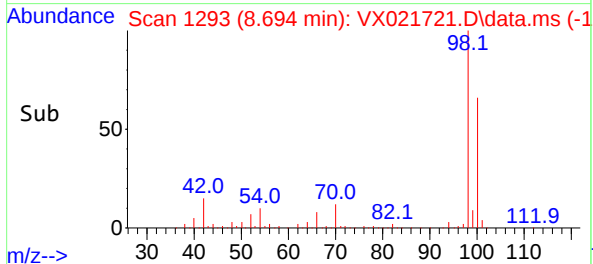
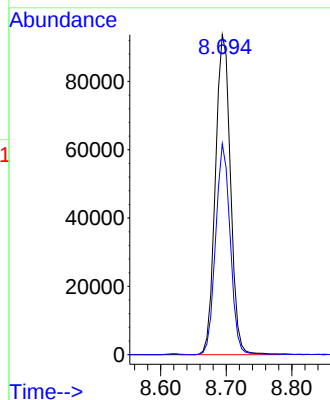
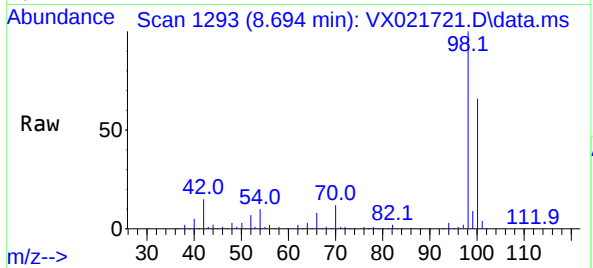
#50
Toluene-d8
Concen: 51.95 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11

Tgt Ion: 98 Resp: 149299
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

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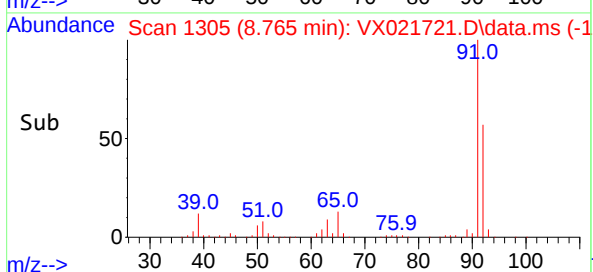
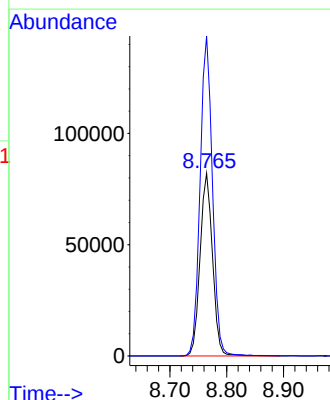
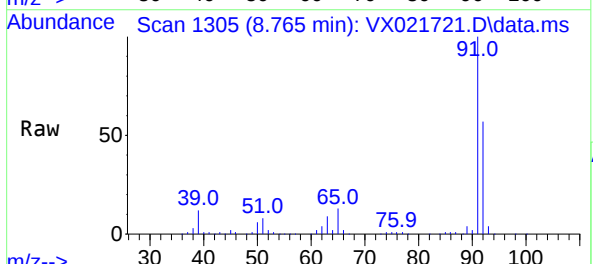
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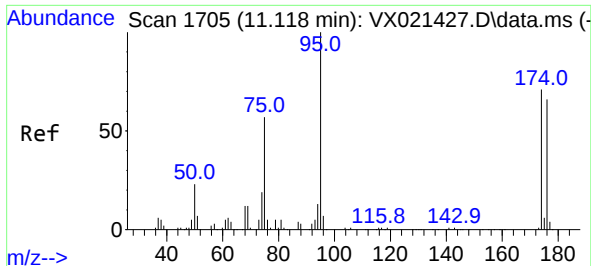
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#52
Toluene
Concen: 63.99 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11

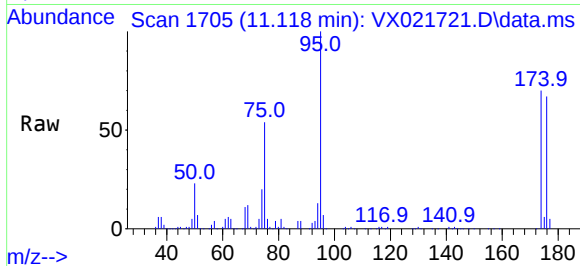
Tgt Ion: 92 Resp: 124867
Ion Ratio Lower Upper
92 100
91 174.3 137.1 205.7





#62
4-Bromofluorobenzene
Concen: 58.35 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11

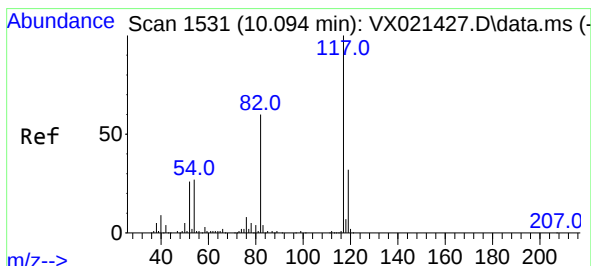
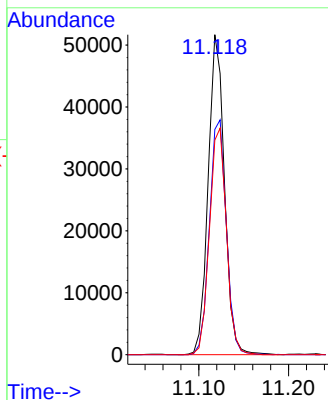
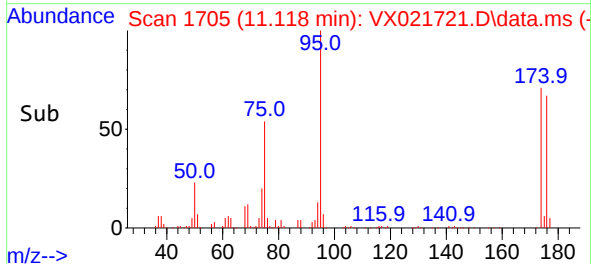
Instrument :
MSVOA_X
ClientSampled :
V-211



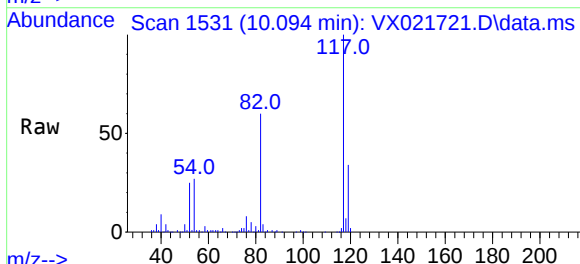
Tgt Ion: 95 Resp: 65205
Ion Ratio Lower Upper
95 100
174 76.1 0.0 154.6
176 73.5 0.0 155.8

Manual Integrations
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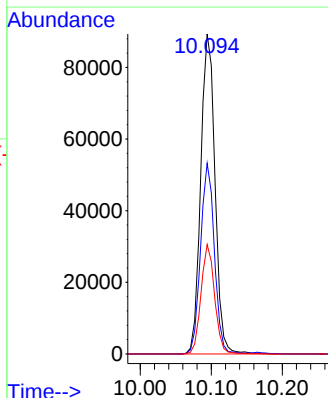
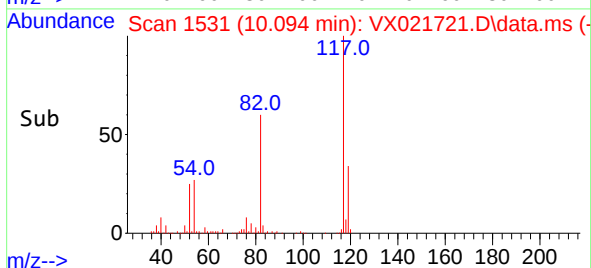
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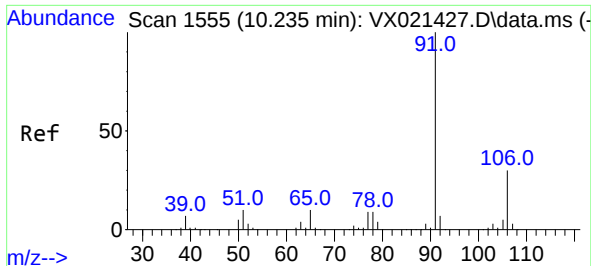


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11



Tgt Ion: 117 Resp: 125304
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 34.2 26.6 39.8





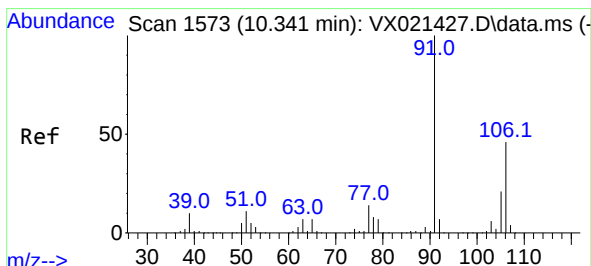
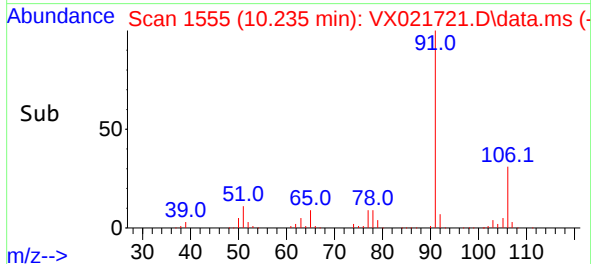
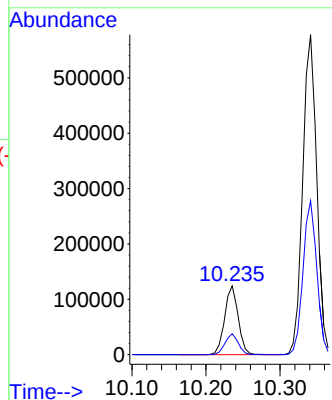
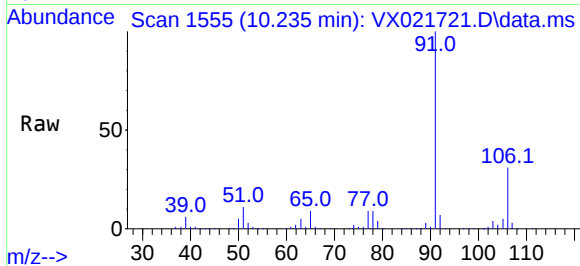
#67
Ethyl Benzene
Concen: 34.33 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11

Tgt Ion: 91 Resp: 157518
Ion Ratio Lower Upper
91 100
106 30.5 24.6 37.0

Instrument :
MSVOA_X
ClientSampled :
V-211

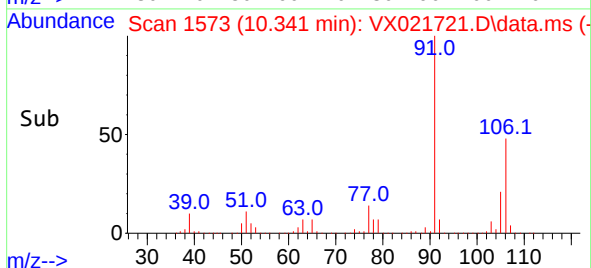
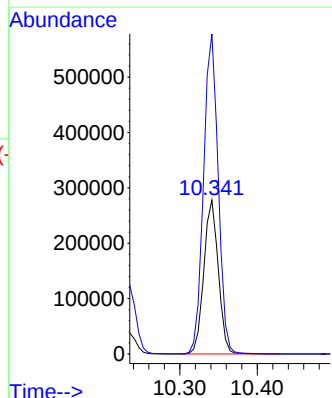
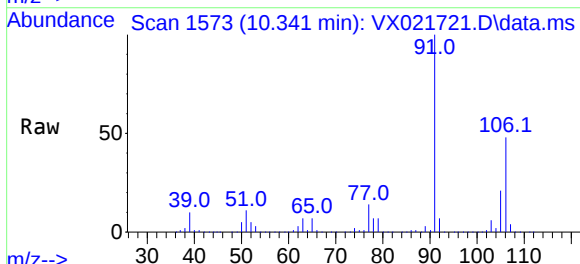
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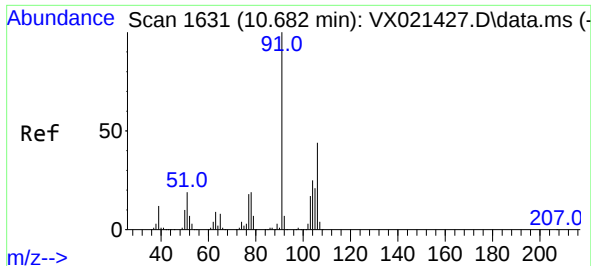
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#68
m/p-Xylenes
Concen: 219.96 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11

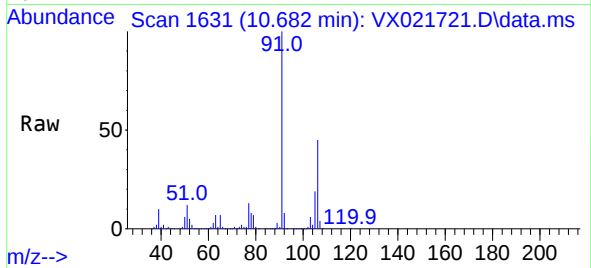
Tgt Ion:106 Resp: 359559
Ion Ratio Lower Upper
106 100
91 211.0 162.8 244.2





#69
o-Xylene
Concen: 133.64 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11

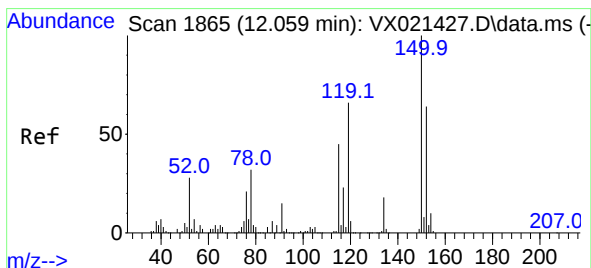
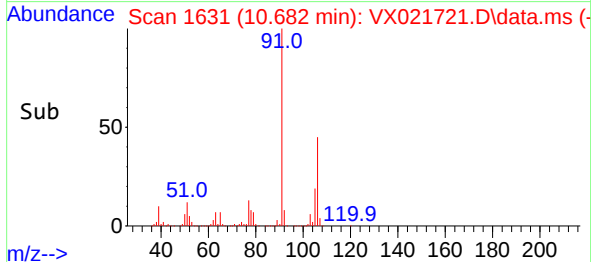
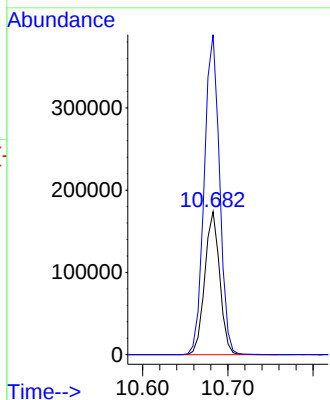
Instrument :
MSVOA_X
ClientSampled :
V-211



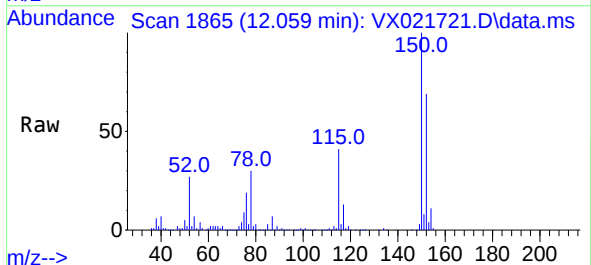
Tgt Ion:106 Resp: 211585
Ion Ratio Lower Upper
106 100
91 229.7 108.1 324.2

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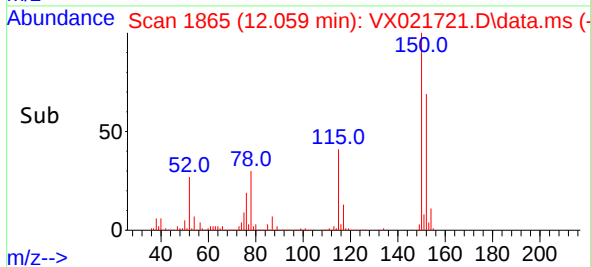
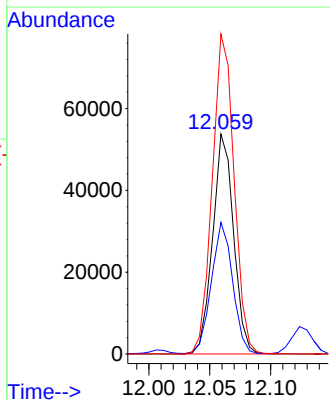
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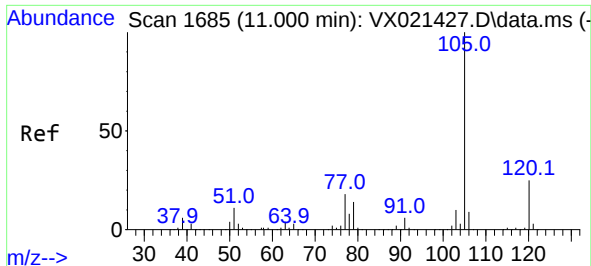


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11



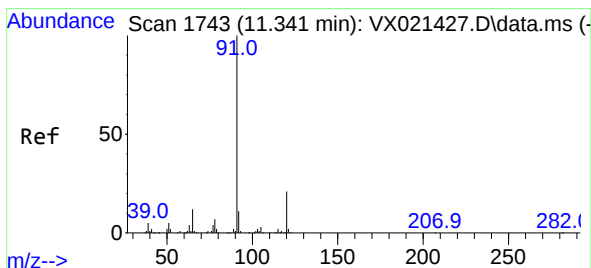
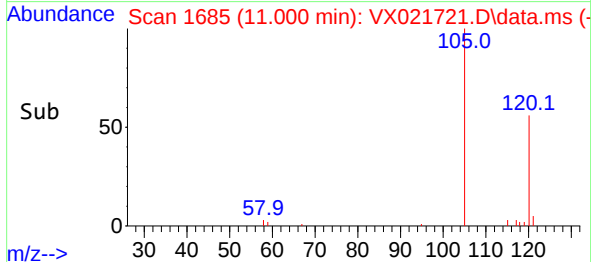
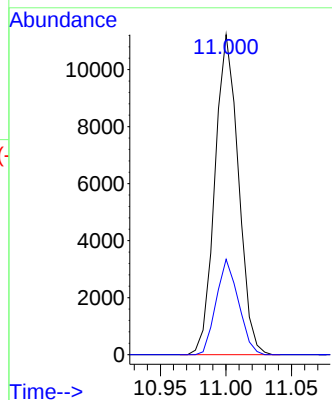
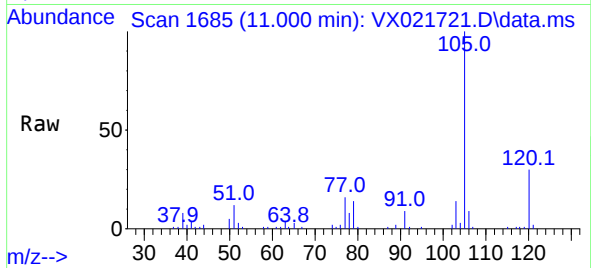
Tgt Ion:152 Resp: 64329
Ion Ratio Lower Upper
152 100
115 60.9 41.1 123.3
150 151.5 0.0 349.0





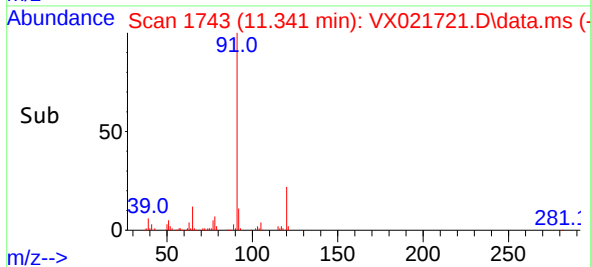
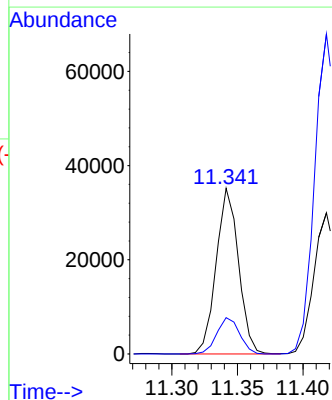
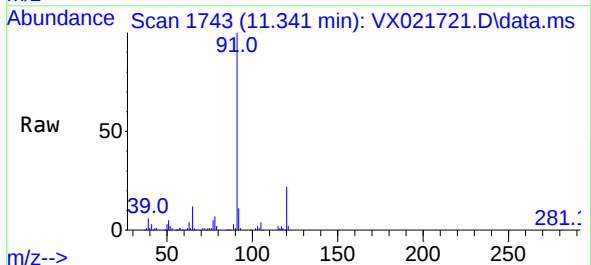
#73
Isopropylbenzene
Concen: 3.09 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11

Tgt Ion: 105 Resp: 13986
Ion Ratio Lower Upper
105 100
120 28.2 13.2 39.6



#78
n-propylbenzene
Concen: 7.81 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11

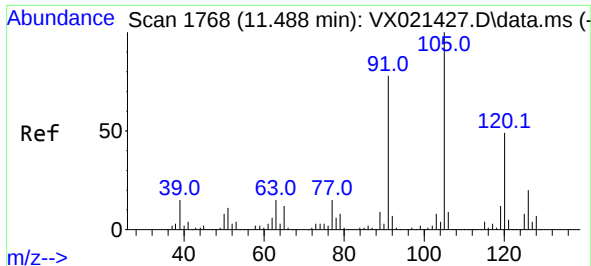
Tgt Ion: 91 Resp: 41678
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.5



Instrument :
MSVOA_X
ClientSampled :
V-211

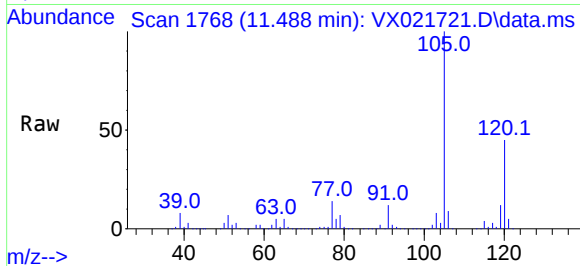
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#80
1,3,5-Trimethylbenzene
Concen: 39.38 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11

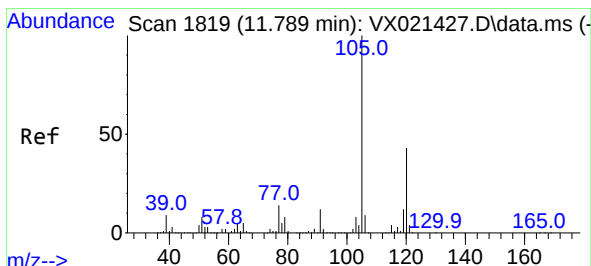
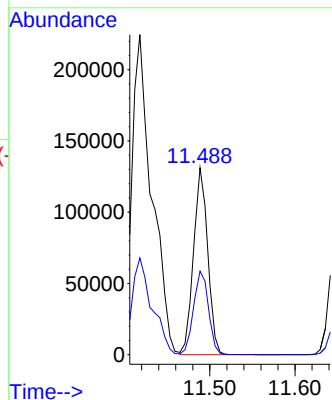
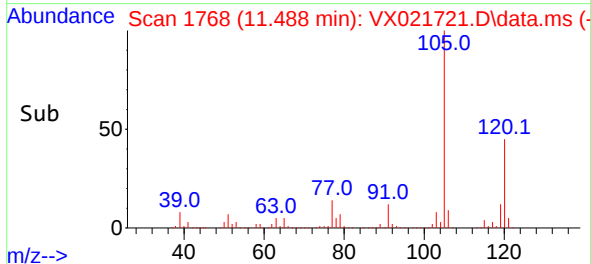
Instrument :
MSVOA_X
ClientSampled :
V-211



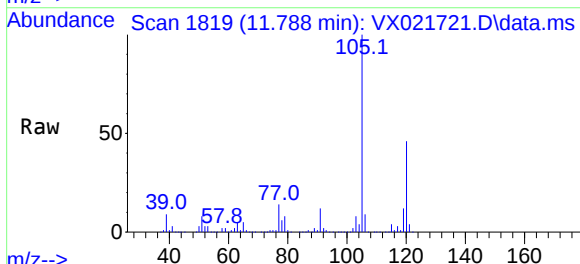
Tgt Ion:105 Resp: 152085
Ion Ratio Lower Upper
105 100
120 46.9 23.8 71.5

Manual Integrations
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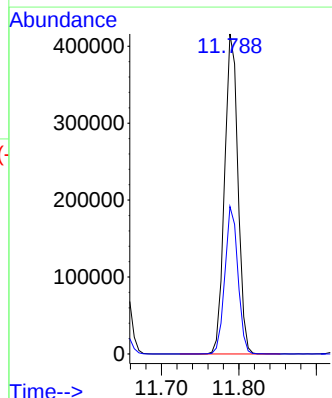
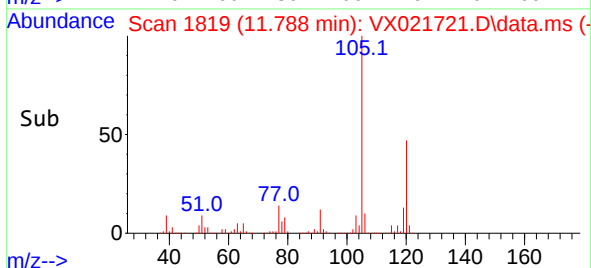
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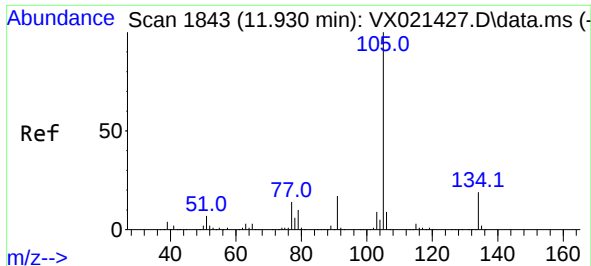


#84
1,2,4-Trimethylbenzene
Concen: 128.24 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. -0.001 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11

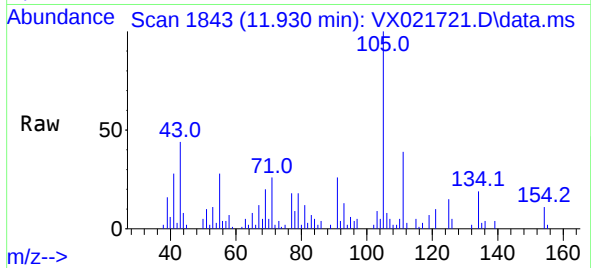


Tgt Ion:105 Resp: 499189
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3

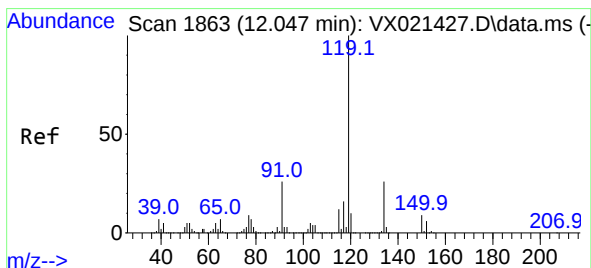
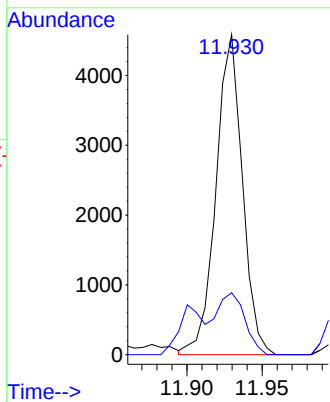
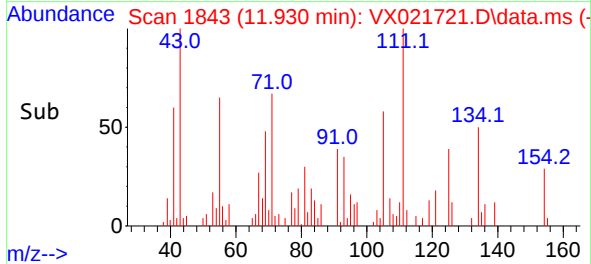




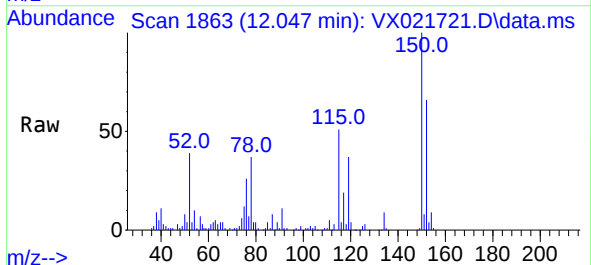
#85
 sec-Butylbenzene
 Concen: 1.29 ug/l m
 RT: 11.930 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: VX021721.D
 Acq: 01 Apr 2021 20:11



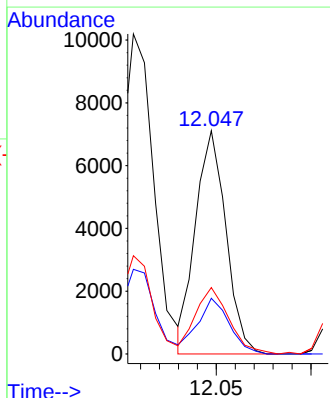
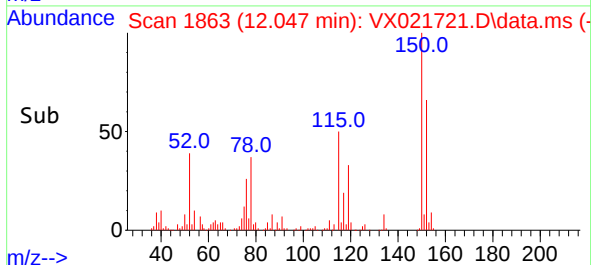
Tgt Ion:105 Resp: 5601
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 29.8#



#86
 p-Isopropyltoluene
 Concen: 2.01 ug/l
 RT: 12.047 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VX021721.D
 Acq: 01 Apr 2021 20:11



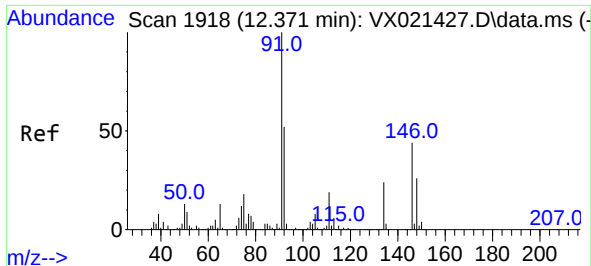
Tgt Ion:119 Resp: 7940
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 32.8 11.7 35.0



Instrument :
 MSVOA_X
 ClientSampled :
 V-211

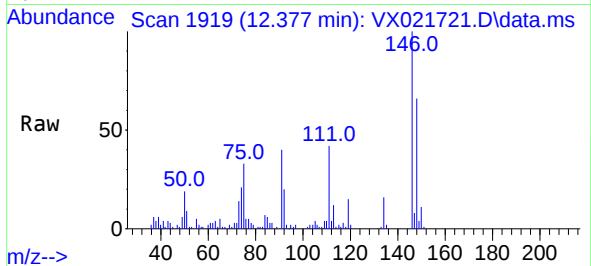
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#91
1,2-Dichlorobenzene
Concen: 6.89 ug/l
RT: 12.377 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11

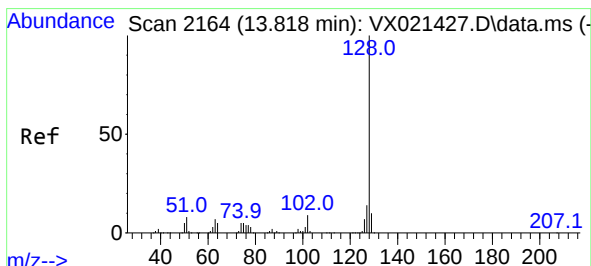
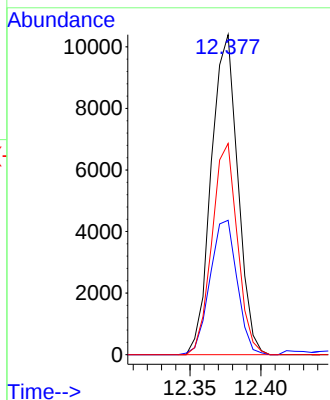
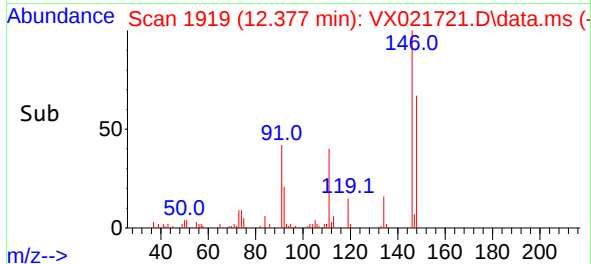
Instrument :
MSVOA_X
ClientSampled :
V-211



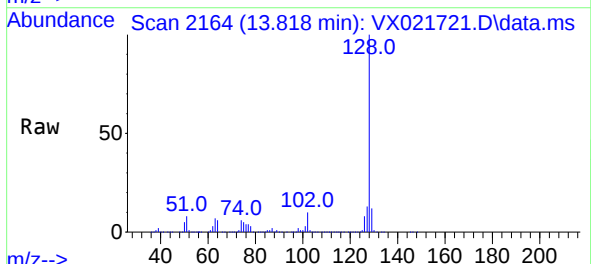
Tgt Ion:146 Resp: 13508
Ion Ratio Lower Upper
146 100
111 42.9 20.8 62.2
148 63.4 31.9 95.5

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#95
Naphthalene
Concen: 162.98 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021721.D
Acq: 01 Apr 2021 20:11



Tgt Ion:128 Resp: 683470
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.3 8.8 13.2

