

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052721\
 Data File : VX022194.D
 Acq On : 26 May 2021 13:56
 Operator : JC/MD
 Sample : M2520-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-03-2021-05-24

Manual Integrations
 APPROVED

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 5/28/2021 2:34:25 PM

Quant Time: May 27 04:05:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	68011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	139715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	122936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53439	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54561	52.01	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.02%			
35) Dibromofluoromethane	5.397	113	42959	48.49	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.98%			
50) Toluene-d8	8.653	98	170997	50.10	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.20%			
62) 4-Bromofluorobenzene	11.085	95	62815	49.79	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.58%			
Target Compounds					Qvalue	
16) Acetone	2.392	43	13115	28.71	ug/l	94
17) Carbon Disulfide	2.514	76	4211	2.06	ug/l	100
25) 2-Butanone	4.580	43	3855	5.22	ug/l #	85
39) Methylcyclohexane	7.385	83	692	0.47	ug/l #	82
40) Benzene	6.050	78	148368	37.32	ug/l	99
52) Toluene	8.726	92	192150	76.33	ug/l	97
67) Ethyl Benzene	10.201	91	923501	196.16	ug/l	100
68) m/p-Xylenes	10.305	106	185624	104.33	ug/l	99
69) o-Xylene	10.646	106	137975	79.73	ug/l	100
73) Isopropylbenzene	10.963	105	66684	14.74	ug/l	99
78) n-propylbenzene	11.305	91	31545	5.95	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	64326	17.16	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	269521	71.43	ug/l	99
85) sec-Butylbenzene	11.896	105	2170m	0.47	ug/l	
86) p-Isopropyltoluene	12.012	119	14541m	3.77	ug/l	
95) Naphthalene	13.786	128	8607113	2059.41	ug/l #	93

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

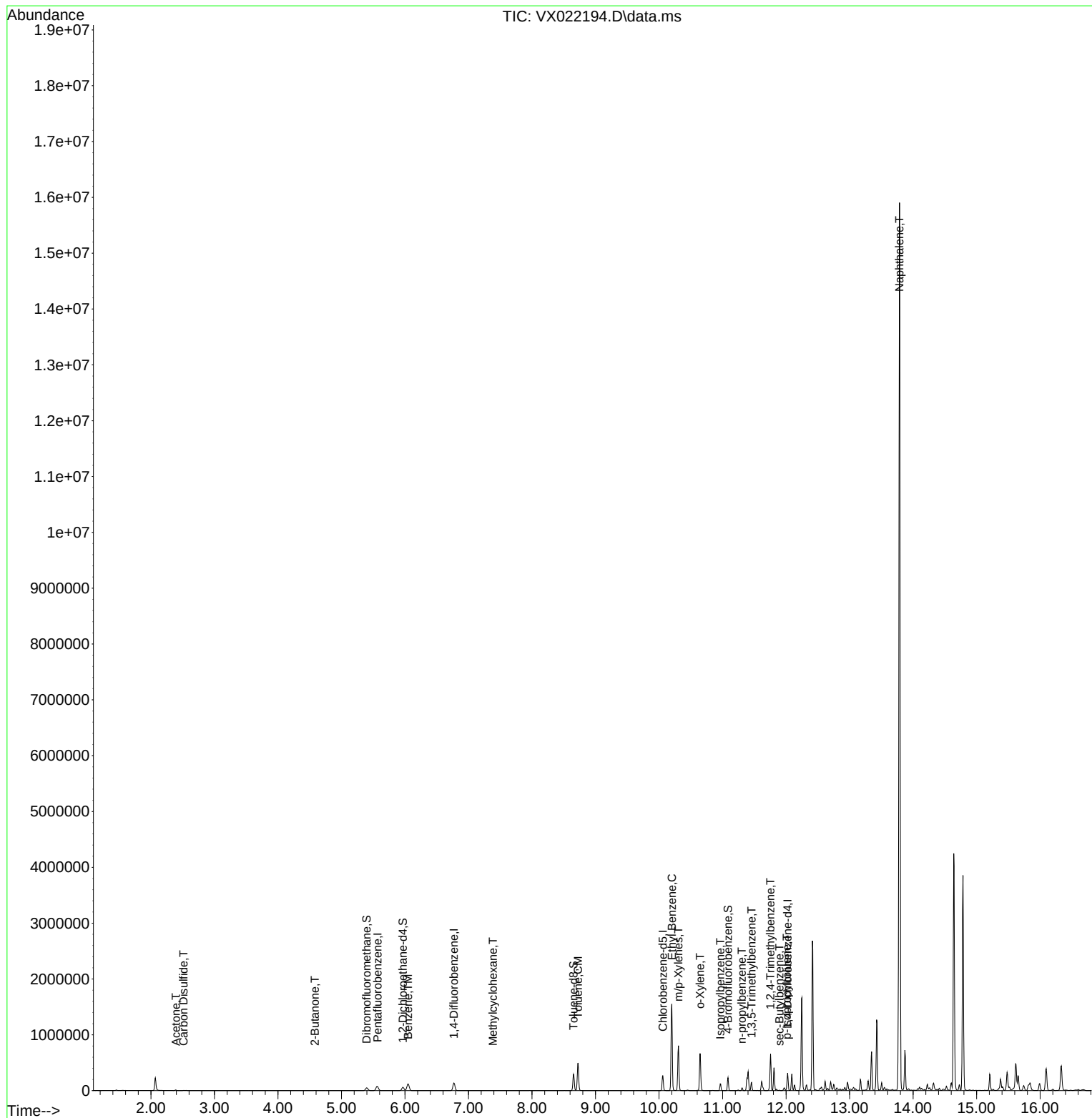
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052721\
Data File : VX022194.D
Acq On : 26 May 2021 13:56
Operator : JC/MD
Sample : M2520-03
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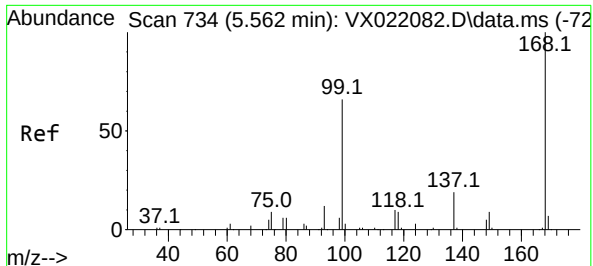
Instrument :
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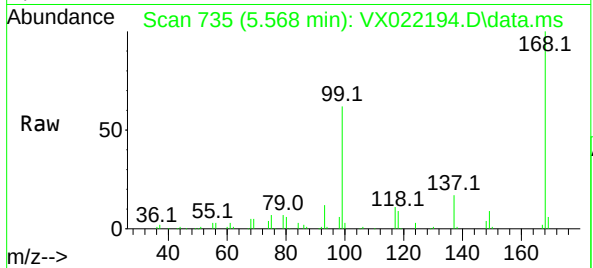
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Quant Time: May 27 04:05:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

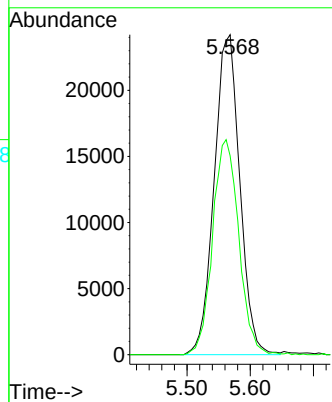
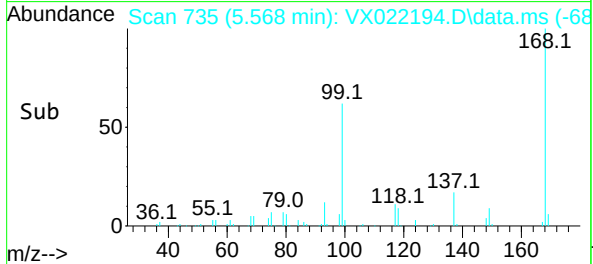




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022194.D
Acq: 26 May 2021 13:56



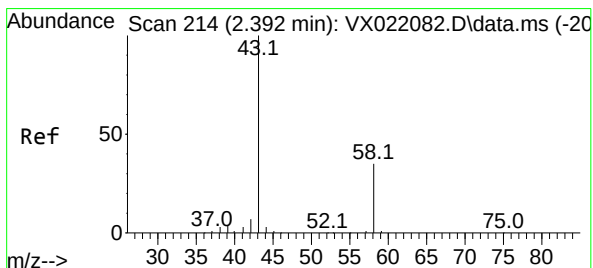
Tgt Ion: 168 Resp: 68011
Ion Ratio Lower Upper
168 100
99 62.2 45.8 68.6



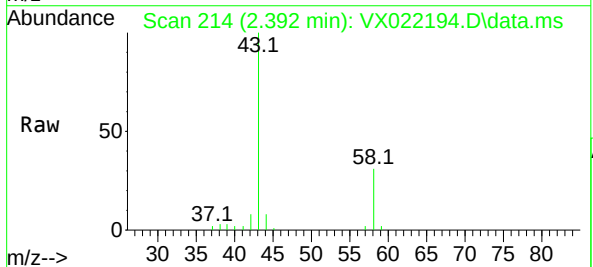
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ClientSampleId :
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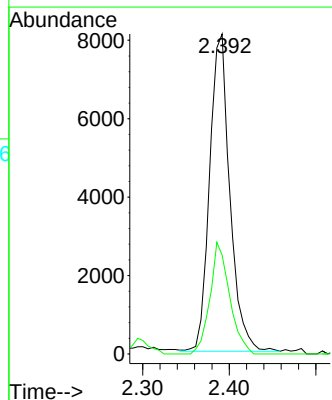
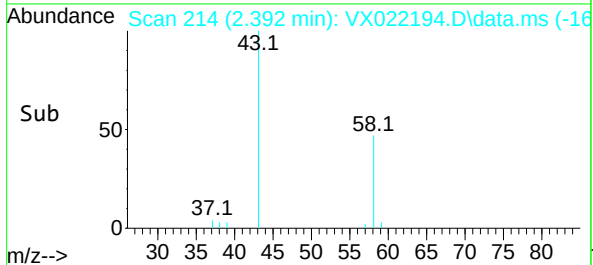
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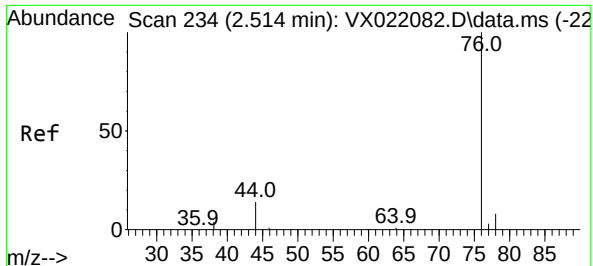


#16
Acetone
Concen: 28.71 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022194.D
Acq: 26 May 2021 13:56



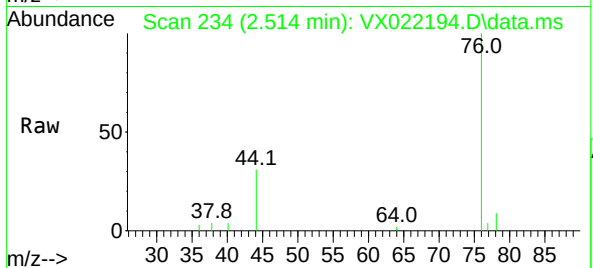
Tgt Ion: 43 Resp: 13115
Ion Ratio Lower Upper
43 100
58 31.1 27.8 41.8



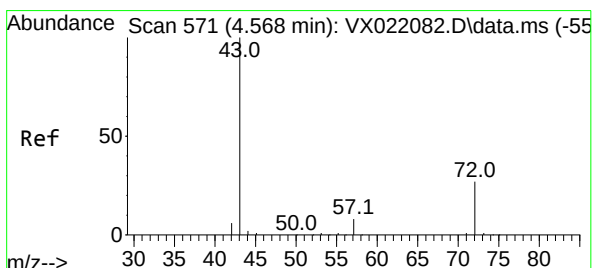
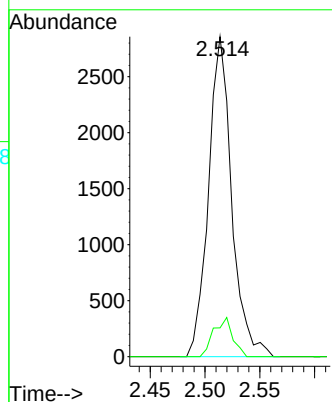
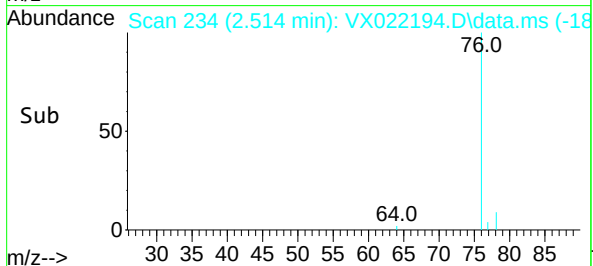


#17
Carbon Disulfide
Concen: 2.06 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022194.D
Acq: 26 May 2021 13:56

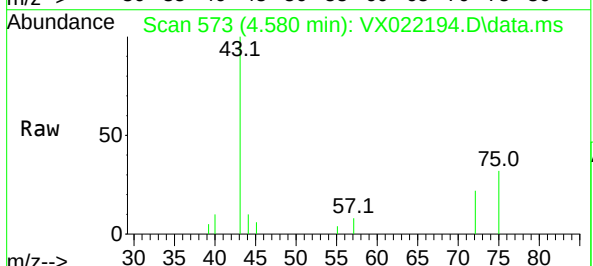
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ClientSampleId :
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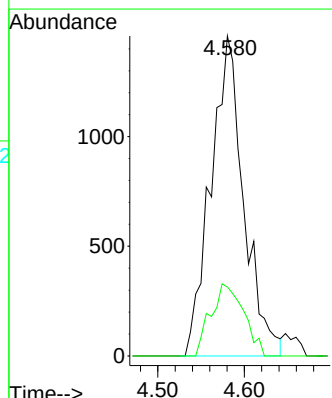
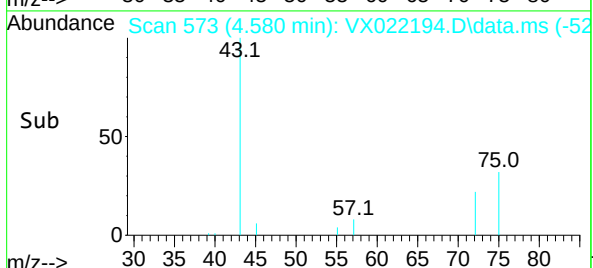
Tgt Ion: 76 Resp: 4211
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

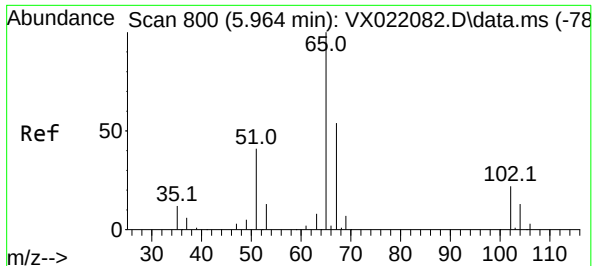


#25
2-Butanone
Concen: 5.22 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022194.D
Acq: 26 May 2021 13:56



Tgt Ion: 43 Resp: 3855
Ion Ratio Lower Upper
43 100
72 21.5 23.7 35.5#





#33

1,2-Dichloroethane-d4

Concen: 52.01 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022194.D

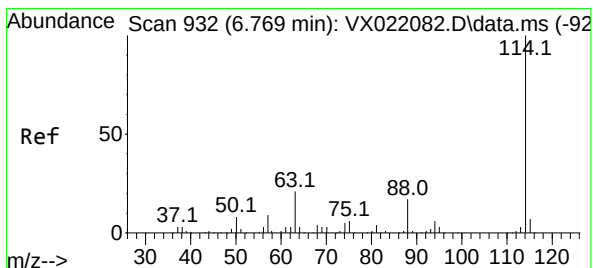
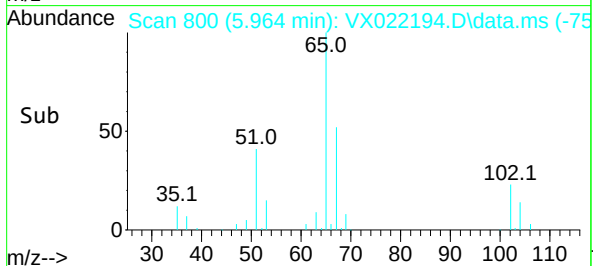
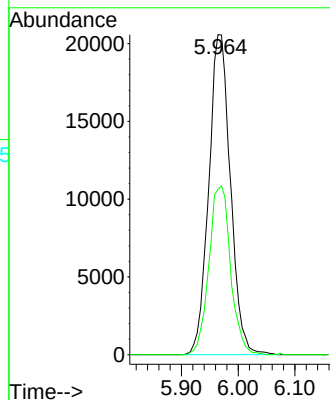
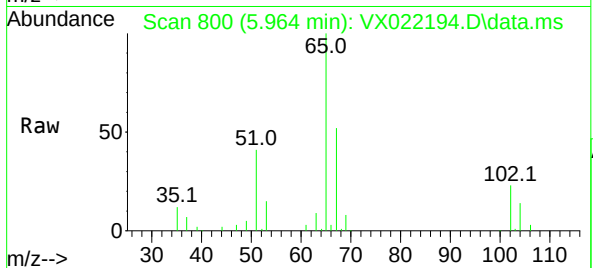
Acq: 26 May 2021 13:56

Tgt Ion: 65 Resp: 54561

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX022194.D

Acq: 26 May 2021 13:56

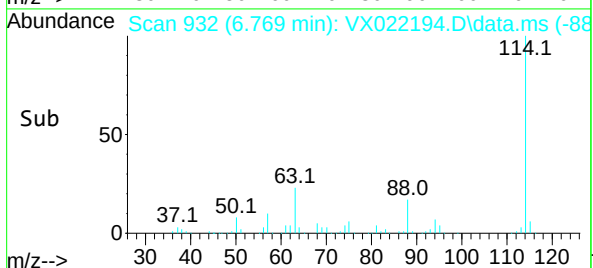
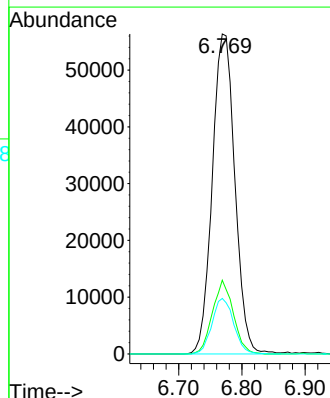
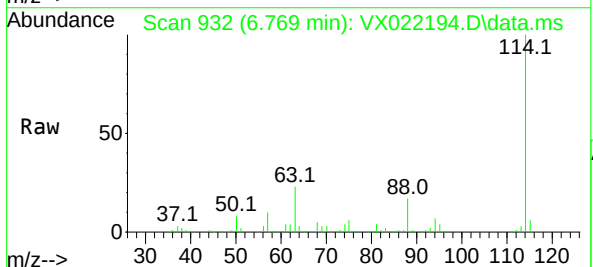
Tgt Ion: 114 Resp: 139715

Ion Ratio Lower Upper

114 100

63 23.0 0.0 40.8

88 17.3 0.0 32.8



Instrument :

MSVOA_X

ClientSampleId :

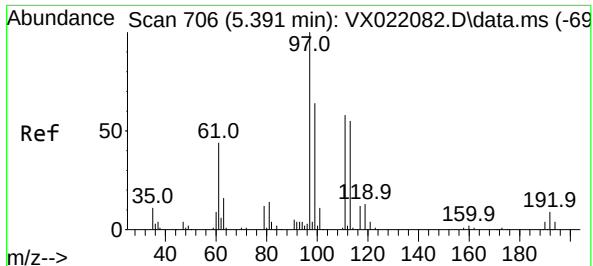
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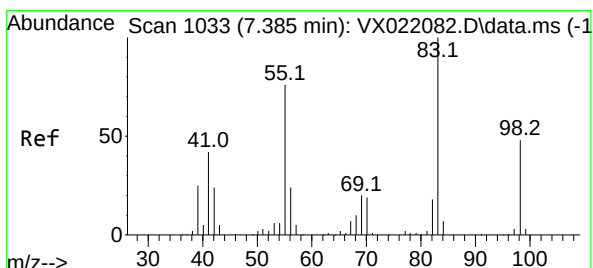
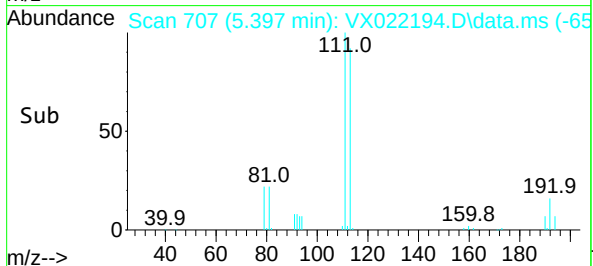
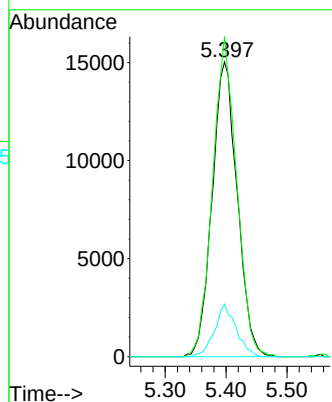
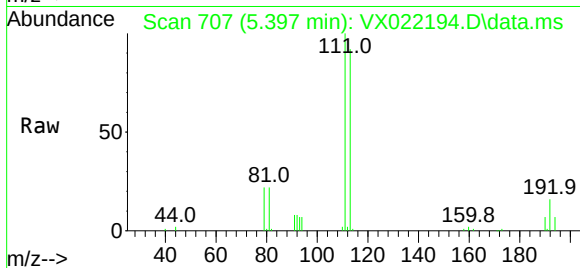
#35
Dibromofluoromethane
Concen: 48.49 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022194.D
Acq: 26 May 2021 13:56

Tgt Ion: 113 Resp: 42959
Ion Ratio Lower Upper
113 100
111 104.2 81.9 122.9
192 15.3 16.7 25.1#

Instrument :
MSVOA_X
ClientSampleId :
WC-03-2021-05-24

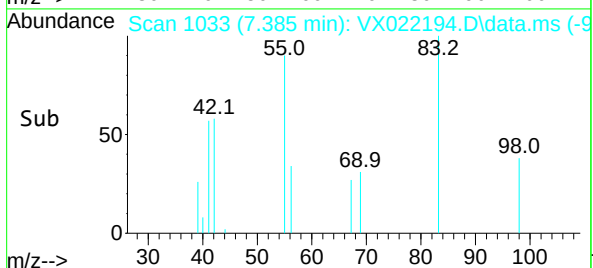
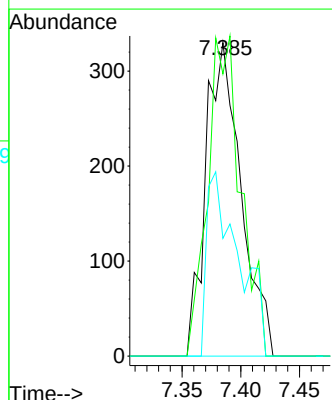
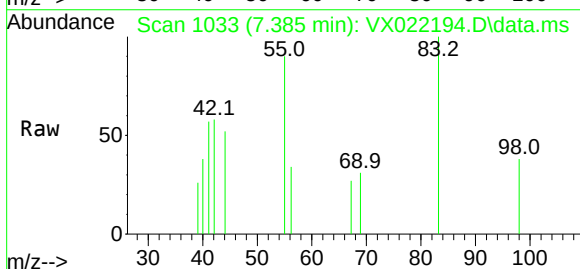
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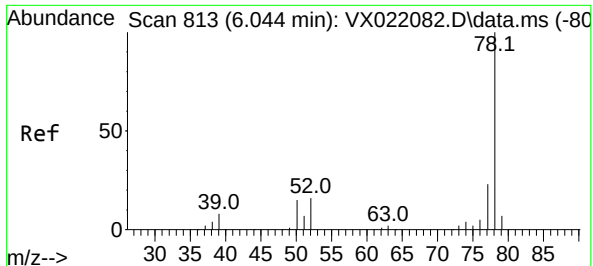
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#39
Methylcyclohexane
Concen: 0.47 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX022194.D
Acq: 26 May 2021 13:56

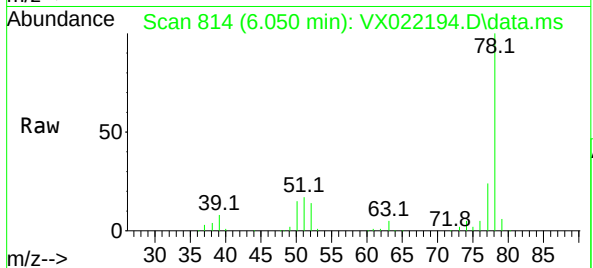
Tgt Ion: 83 Resp: 692
Ion Ratio Lower Upper
83 100
55 90.0 58.9 88.3#
98 37.6 38.1 57.1#





#40
Benzene
Concen: 37.32 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX022194.D
Acq: 26 May 2021 13:56

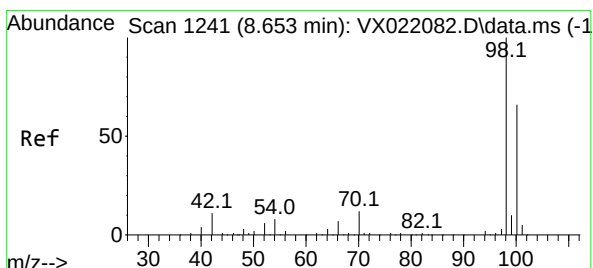
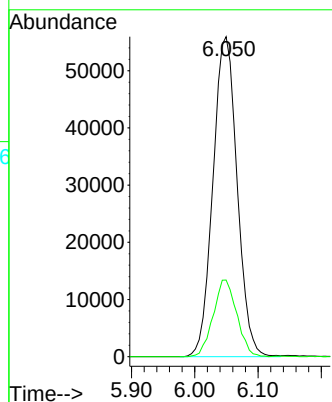
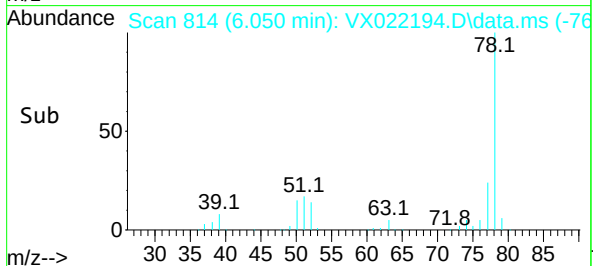
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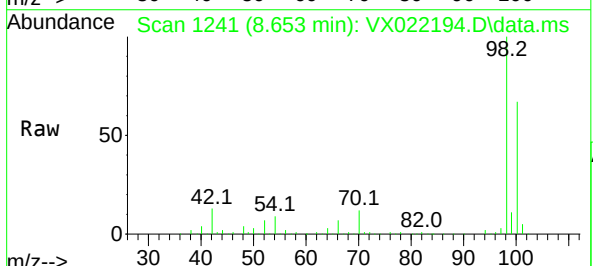
Tgt Ion: 78 Resp: 148368
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3

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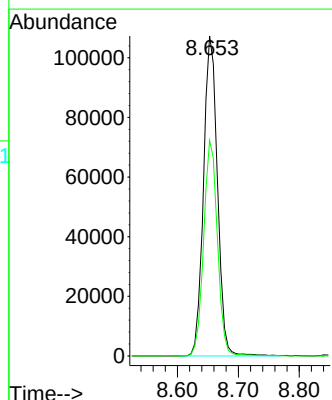
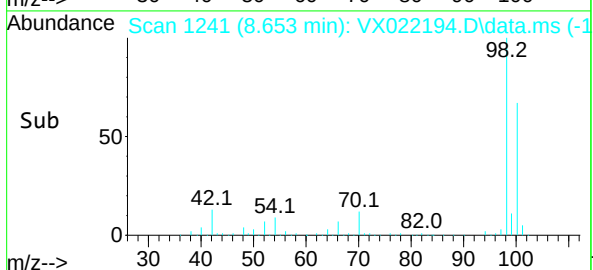
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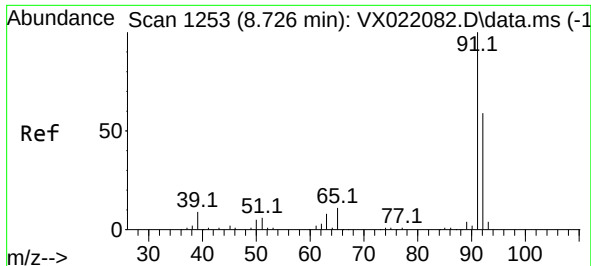


#50
Toluene-d8
Concen: 50.10 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022194.D
Acq: 26 May 2021 13:56



Tgt Ion: 98 Resp: 170997
Ion Ratio Lower Upper
98 100
100 66.7 51.9 77.9





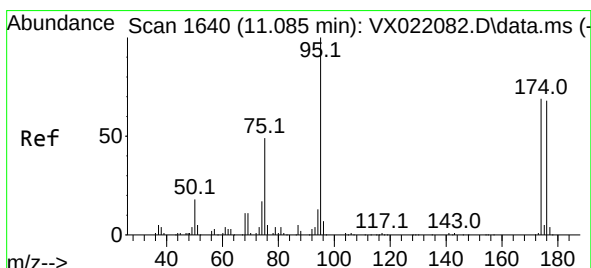
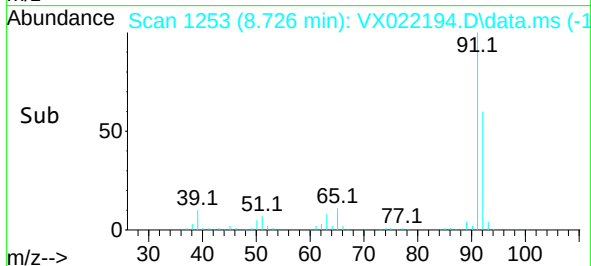
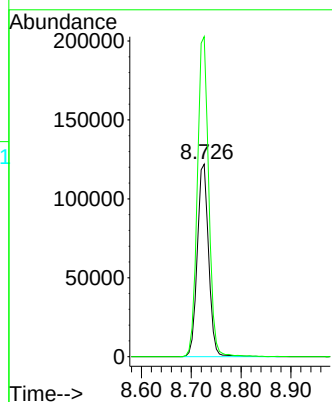
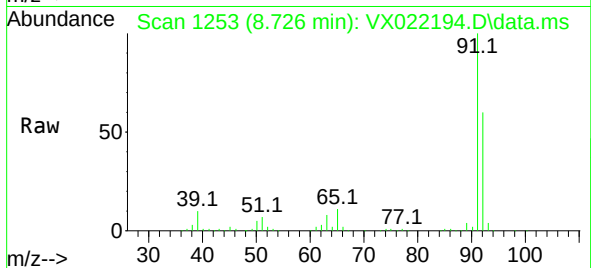
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Toluene
Concen: 76.33 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.000 min
Lab File: VX022194.D
Acq: 26 May 2021 13:56

Tgt Ion: 92 Resp: 192150
Ion Ratio Lower Upper
92 100
91 167.1 137.1 205.7

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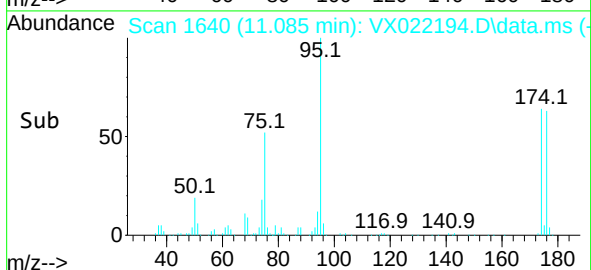
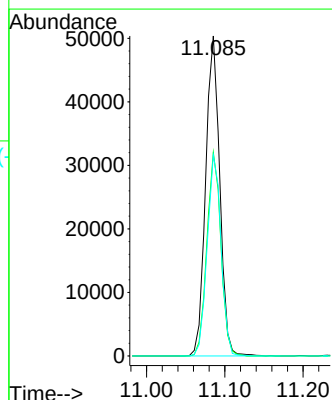
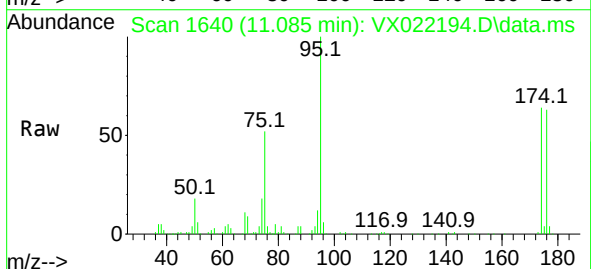
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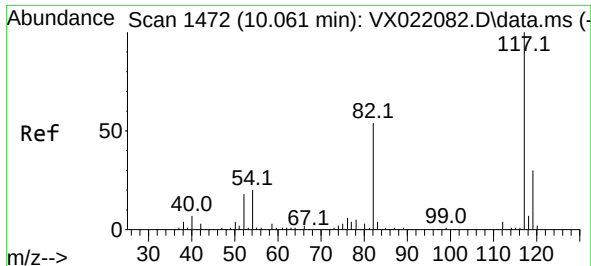
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#62
4-Bromofluorobenzene
Concen: 49.79 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022194.D
Acq: 26 May 2021 13:56

Tgt Ion: 95 Resp: 62815
Ion Ratio Lower Upper
95 100
174 63.0 0.0 154.6
176 61.7 0.0 155.8





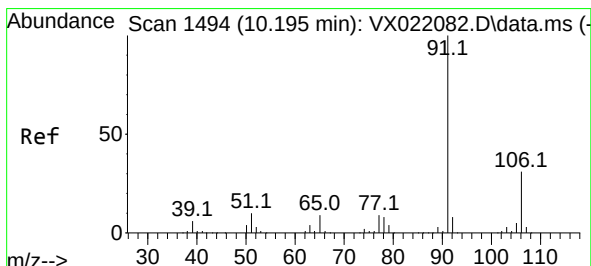
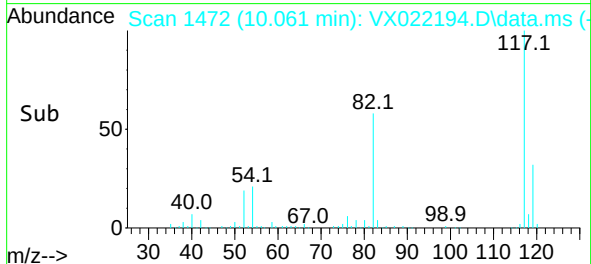
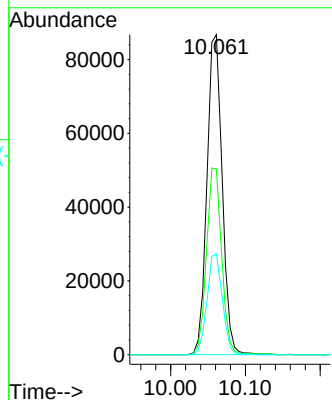
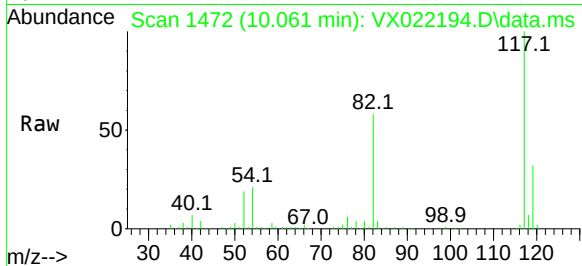
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022194.D
Acq: 26 May 2021 13:56

Tgt Ion: 117 Resp: 122936
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 31.6 26.6 39.8

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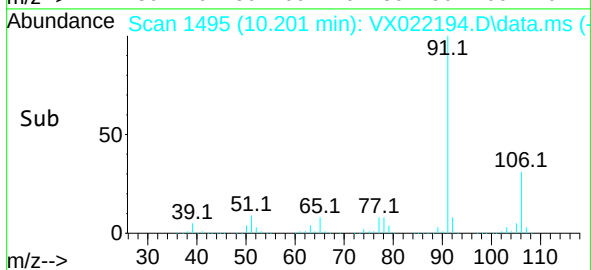
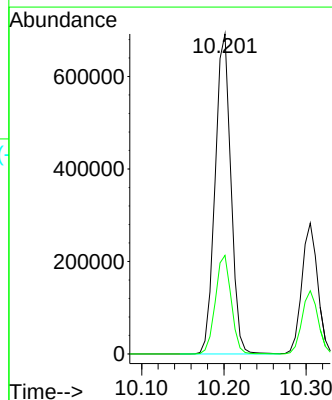
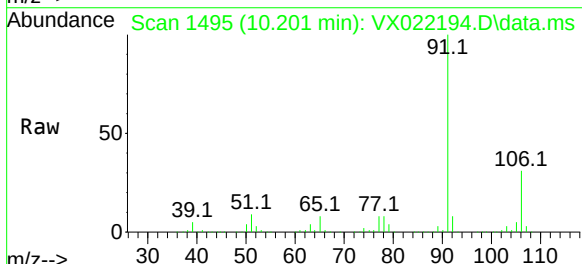
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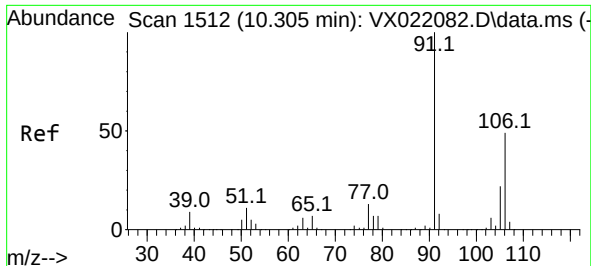
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#67
Ethyl Benzene
Concen: 196.16 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX022194.D
Acq: 26 May 2021 13:56

Tgt Ion: 91 Resp: 923501
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0





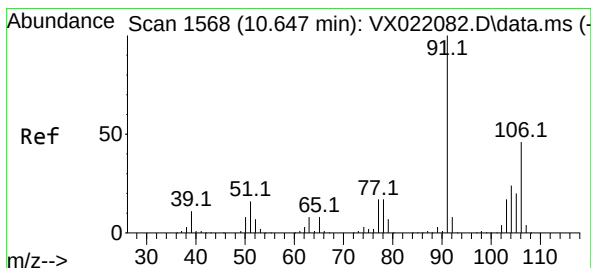
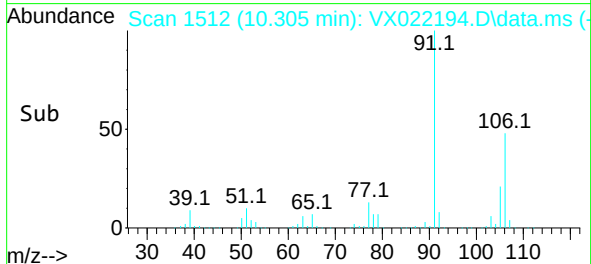
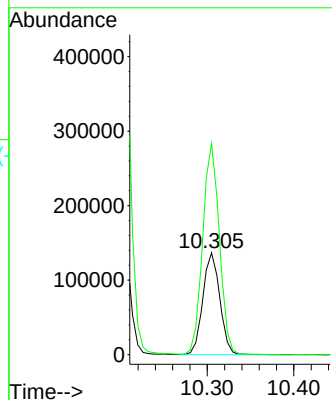
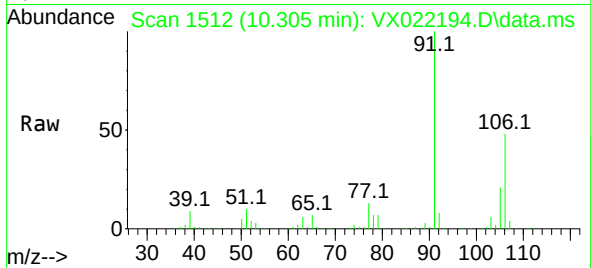
#68
m/p-Xylenes
Concen: 104.33 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX022194.D
Acq: 26 May 2021 13:56

Tgt Ion:106 Resp: 185624
Ion Ratio Lower Upper
106 100
91 204.5 162.8 244.2

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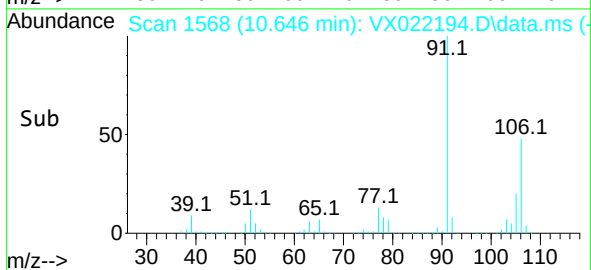
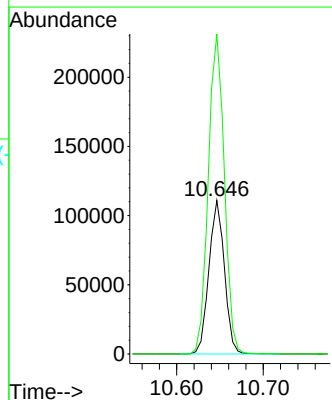
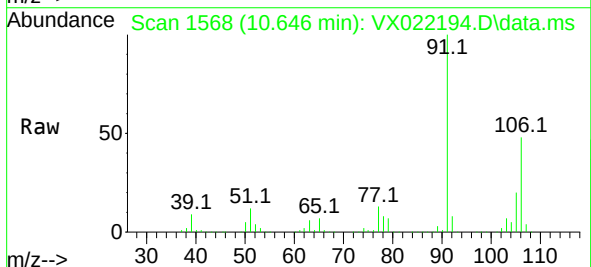
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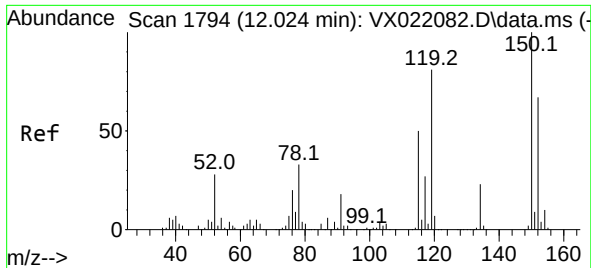
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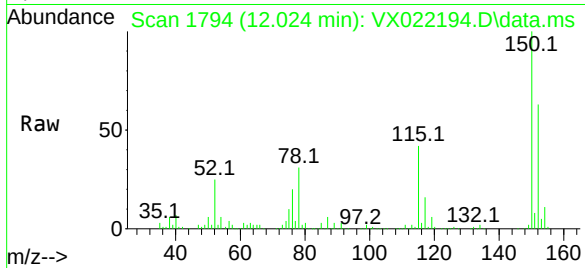
#69
o-Xylene
Concen: 79.73 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX022194.D
Acq: 26 May 2021 13:56

Tgt Ion:106 Resp: 137975
Ion Ratio Lower Upper
106 100
91 215.9 108.1 324.2

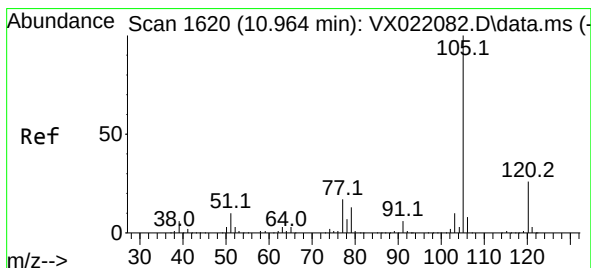
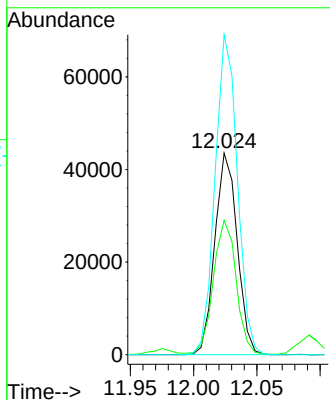
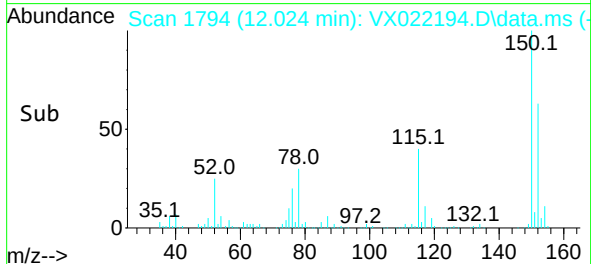




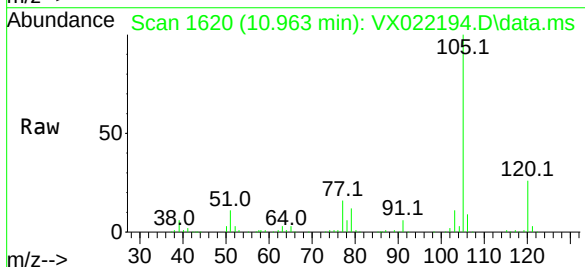
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022194.D
Acq: 26 May 2021 13:56



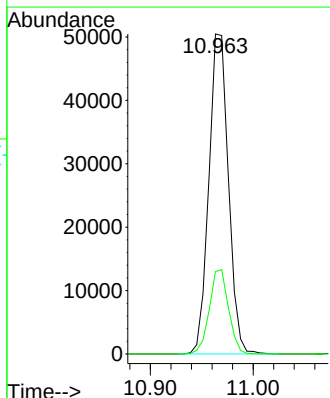
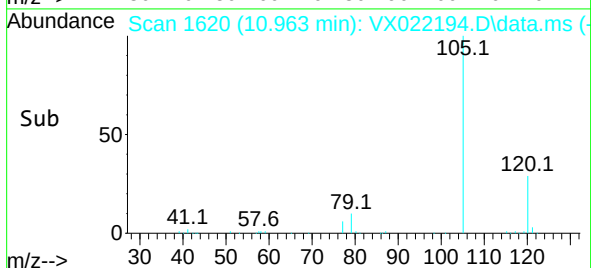
Tgt Ion:152 Resp: 53439
Ion Ratio Lower Upper
152 100
115 67.4 41.1 123.3
150 158.2 0.0 349.0



#73
Isopropylbenzene
Concen: 14.74 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX022194.D
Acq: 26 May 2021 13:56



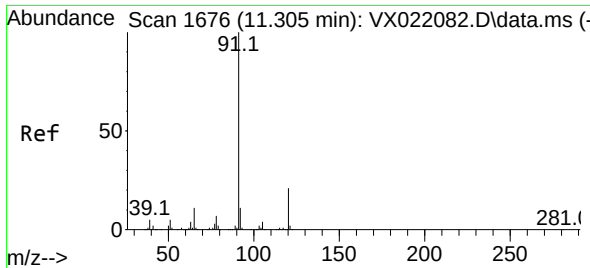
Tgt Ion:105 Resp: 66684
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.6



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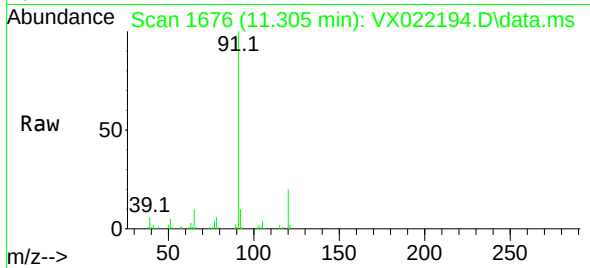
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#78
n-propylbenzene
Concen: 5.95 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX022194.D
Acq: 26 May 2021 13:56

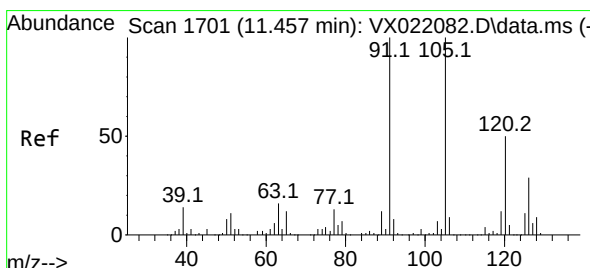
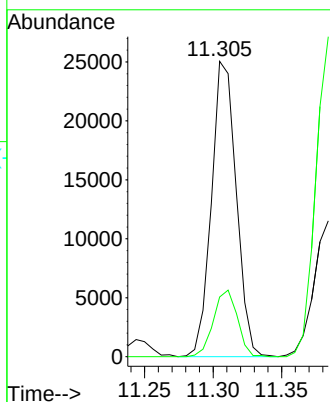
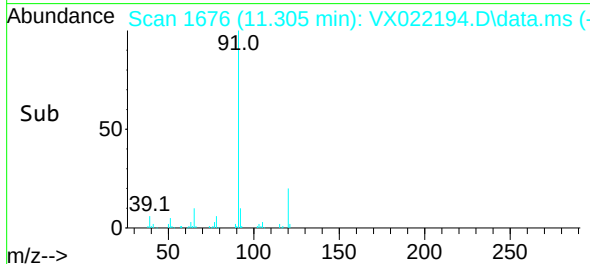
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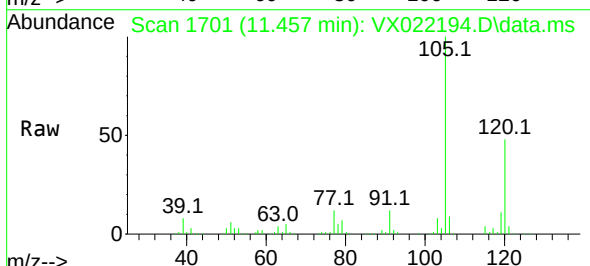
Tgt Ion: 91 Resp: 31545
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.5

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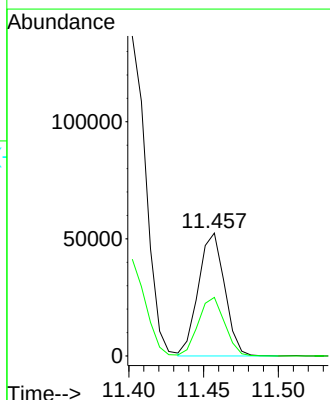
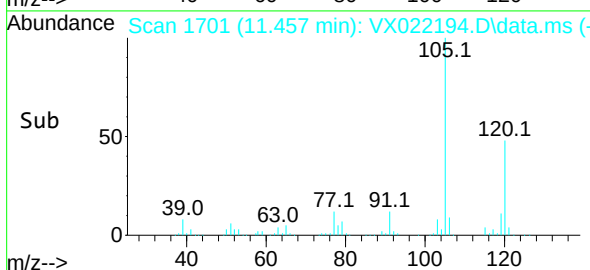
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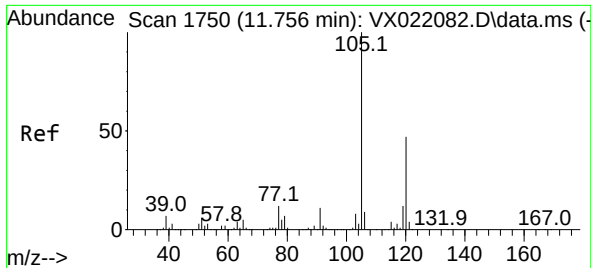


#80
1,3,5-Trimethylbenzene
Concen: 17.16 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022194.D
Acq: 26 May 2021 13:56



Tgt Ion: 105 Resp: 64326
Ion Ratio Lower Upper
105 100
120 47.8 23.8 71.5





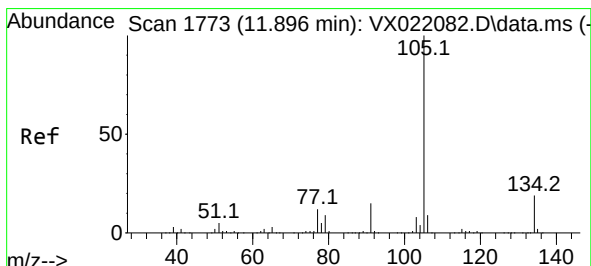
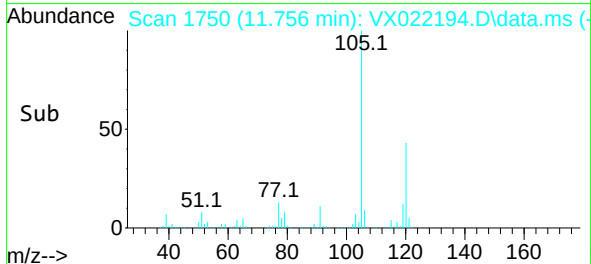
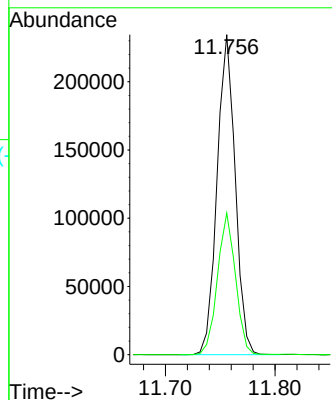
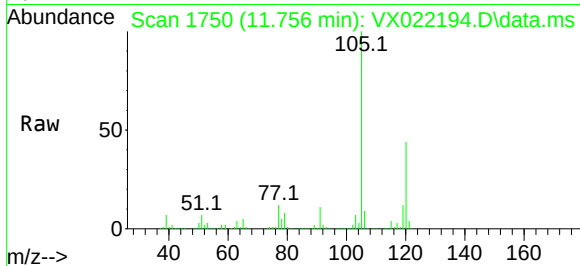
#84
1,2,4-Trimethylbenzene
Concen: 71.43 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX022194.D
Acq: 26 May 2021 13:56

Tgt Ion:105 Resp: 269521
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.3

Instrument :
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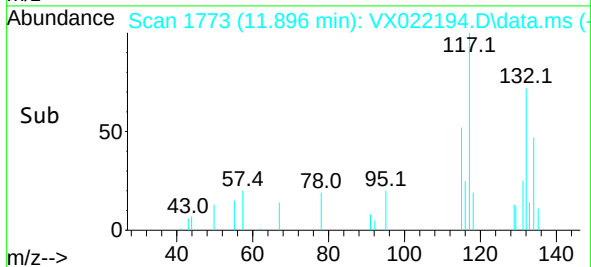
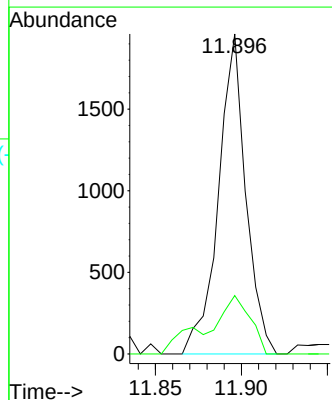
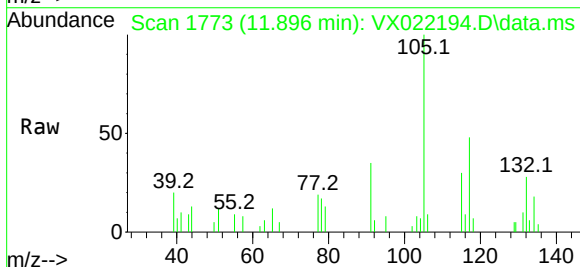
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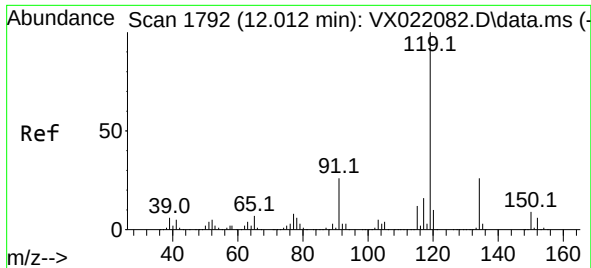
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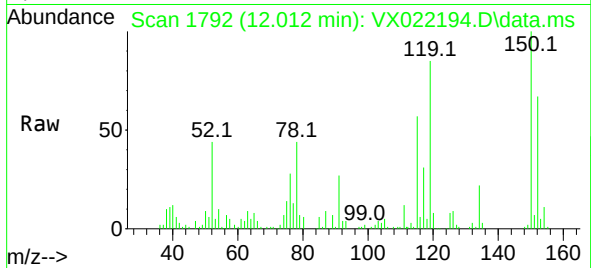
#85
sec-Butylbenzene
Concen: 0.47 ug/l m
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX022194.D
Acq: 26 May 2021 13:56

Tgt Ion:105 Resp: 2170
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#

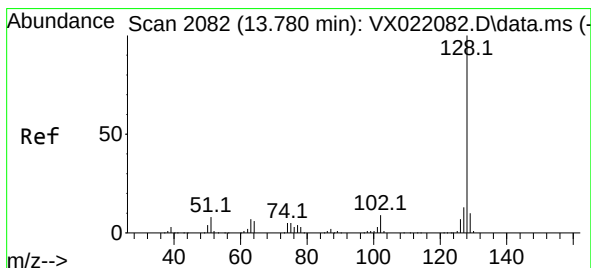
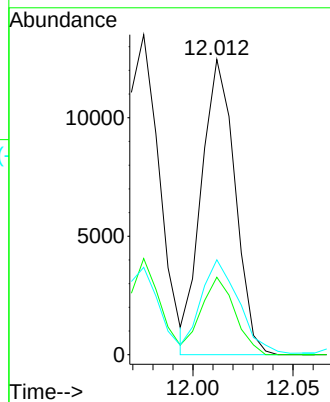
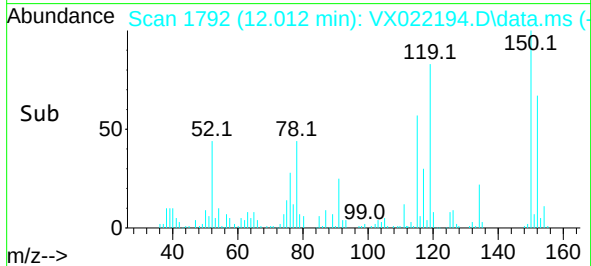




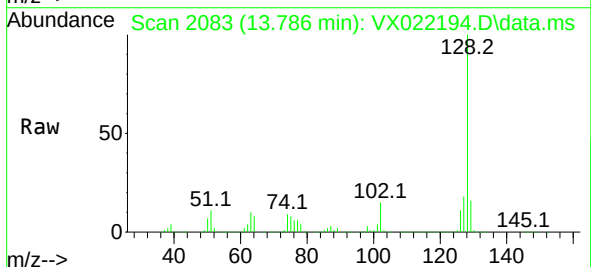
#86
p-Isopropyltoluene
Concen: 3.77 ug/l m
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX022194.D
Acq: 26 May 2021 13:56



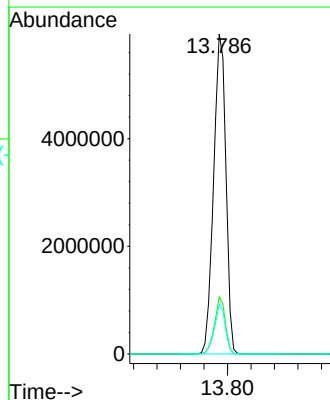
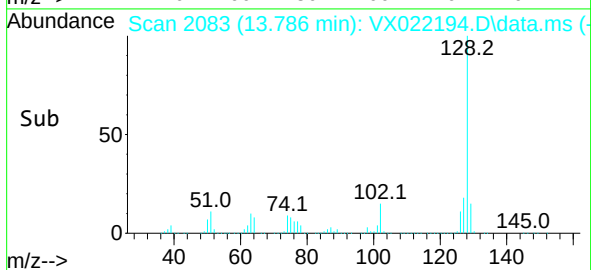
Tgt Ion:119 Resp: 14541
Ion Ratio Lower Upper
119 100
134 31.3 12.9 38.7
91 33.0 11.7 35.0



#95
Naphthalene
Concen: 2059.41 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX022194.D
Acq: 26 May 2021 13:56



Tgt Ion:128 Resp: 8607113
Ion Ratio Lower Upper
128 100
127 15.7 10.3 15.5#
129 13.6 8.8 13.2#



Instrument :
MSVOA_X
ClientSampleId :
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