

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070121\
 Data File : VX023093.D
 Acq On : 01 Jul 2021 18:25
 Operator : JC/MD
 Sample : M2802-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30759

Manual Integrations
 APPROVED

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Quant Time: Jul 02 04:32:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	52714	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	109889	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	101780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	62271	65.093	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 130.180%#			
35) Dibromofluoromethane	5.397	113	36152	51.807	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.620%			
50) Toluene-d8	8.653	98	141404	51.704	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.400%			
62) 4-Bromofluorobenzene	11.085	95	56098	54.961	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.920%			
Target Compounds						Qvalue
16) Acetone	2.386	43	18911	44.590	ug/l	92
18) Methyl Acetate	2.715	43	1229	1.178	ug/l	# 78
20) Methylene Chloride	2.794	84	9834	11.976	ug/l	# 79
31) Cyclohexane	5.483	56	3862	2.859	ug/l	# 78
39) Methylcyclohexane	7.385	83	3841	2.821	ug/l	98
40) Benzene	6.044	78	63803	18.957	ug/l	98
43) Isopropyl Acetate	6.354	43	12342	5.678	ug/l	# 88
52) Toluene	8.732	92	4234023	2081.029	ug/l	92
67) Ethyl Benzene	10.195	91	251550	63.733	ug/l	95
68) m/p-Xylenes	10.305	106	319225	217.790	ug/l	86
69) o-Xylene	10.646	106	185184	129.811	ug/l	86
73) Isopropylbenzene	10.963	105	21092	6.033	ug/l	98
78) n-propylbenzene	11.305	91	64135	15.161	ug/l	93
80) 1,3,5-Trimethylbenzene	11.457	105	96479	33.606	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	403545	139.660	ug/l	95
85) sec-Butylbenzene	11.896	105	8254m	2.257	ug/l	
86) p-Isopropyltoluene	12.012	119	5315	1.829	ug/l	# 82
95) Naphthalene	13.780	128	170197	50.510	ug/l	99

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

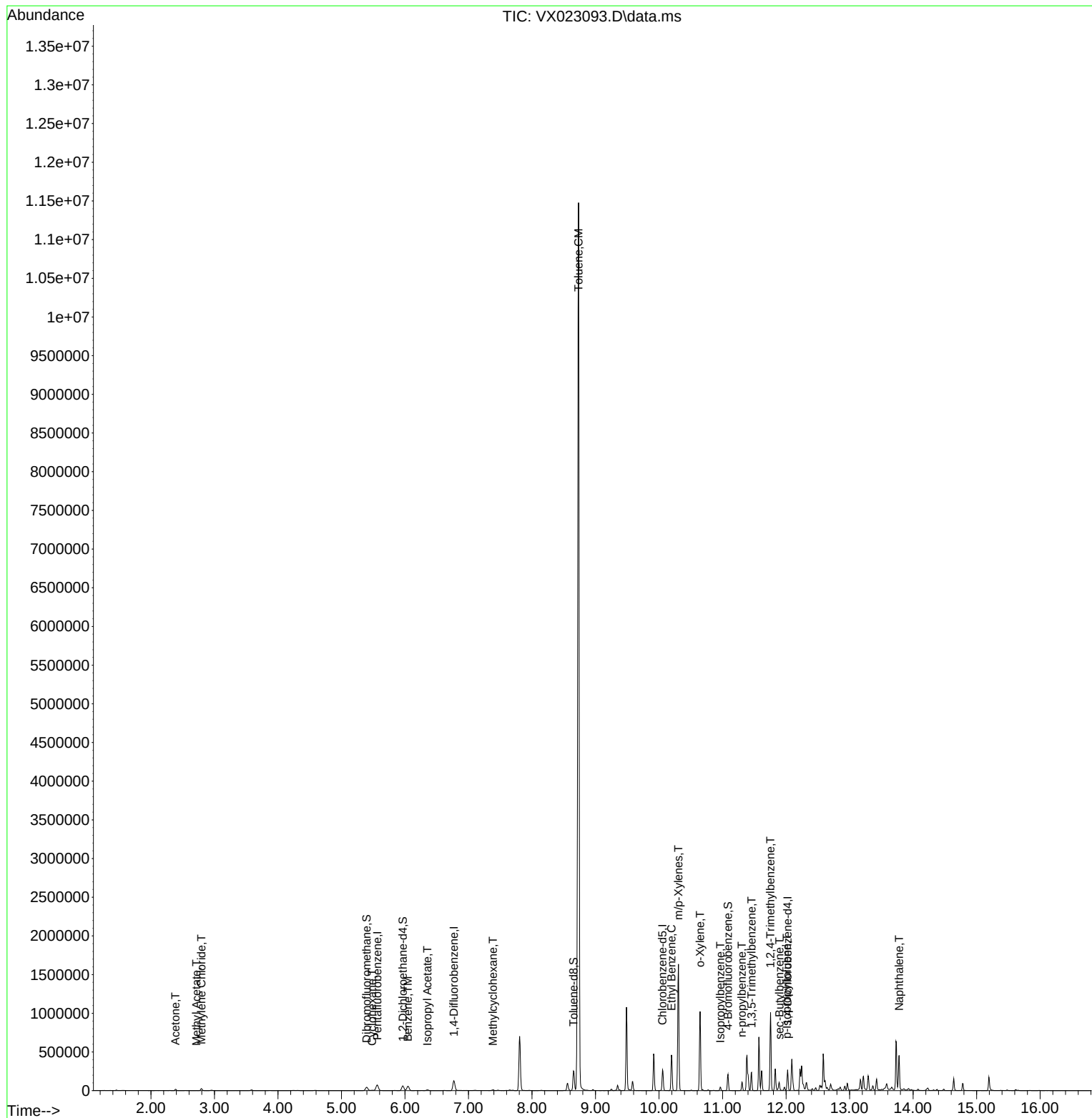
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070121\
Data File : VX023093.D
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Operator : JC/MD
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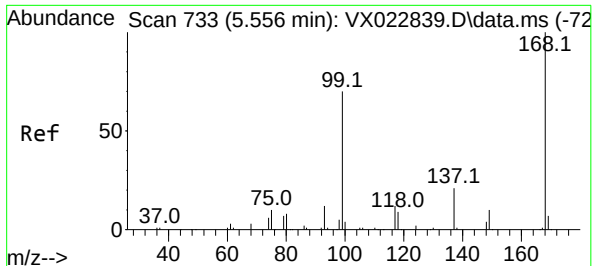
Instrument :
MSVOA_X
ClientSampleId :
30759

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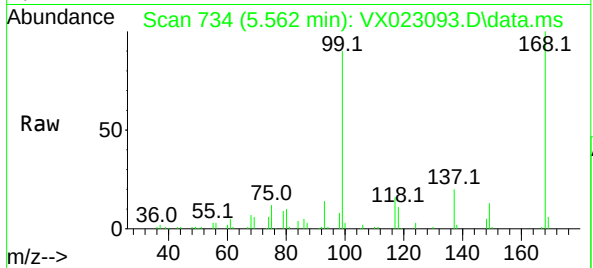
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Quant Time: Jul 02 04:32:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

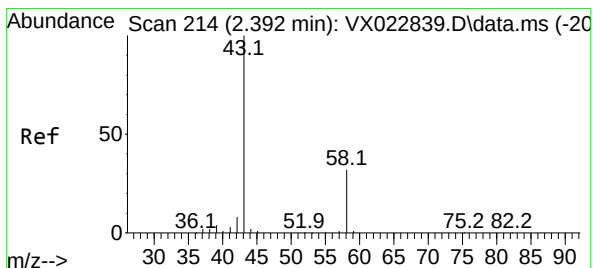
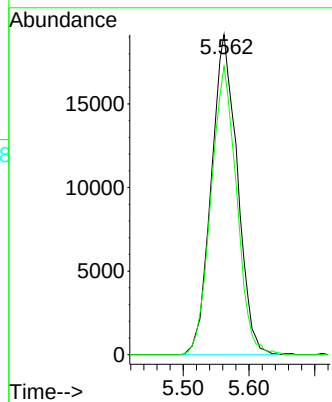
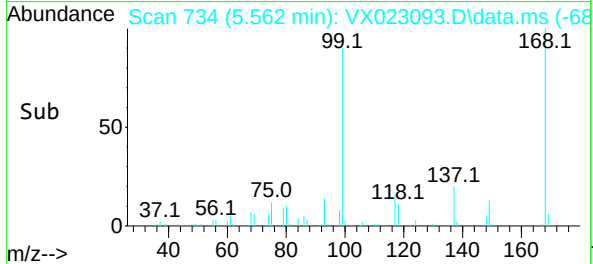




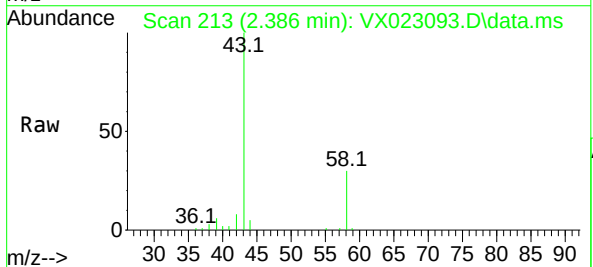
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25



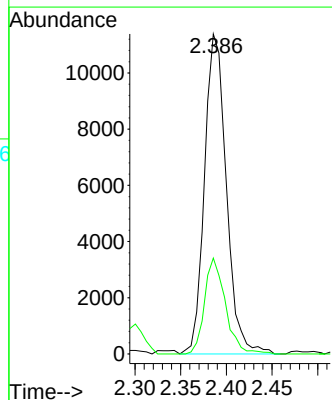
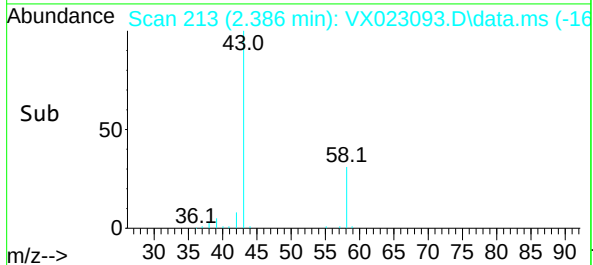
Tgt Ion: 168 Resp: 52714
Ion Ratio Lower Upper
168 100
99 90.1 45.8 68.6#



#16
Acetone
Concen: 44.590 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25



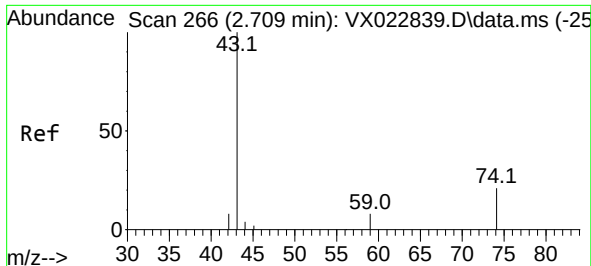
Tgt Ion: 43 Resp: 18911
Ion Ratio Lower Upper
43 100
58 30.0 27.8 41.8



Instrument :
MSVOA_X
ClientSampled :
30759

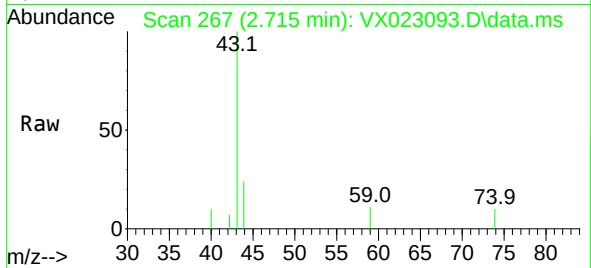
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#18
Methyl Acetate
Concen: 1.178 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25

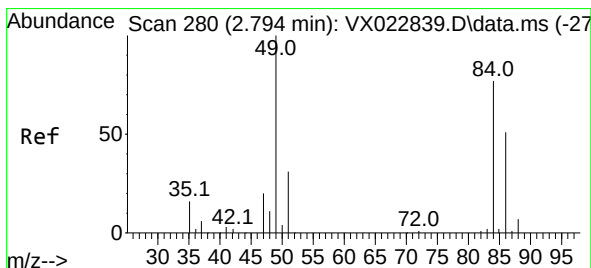
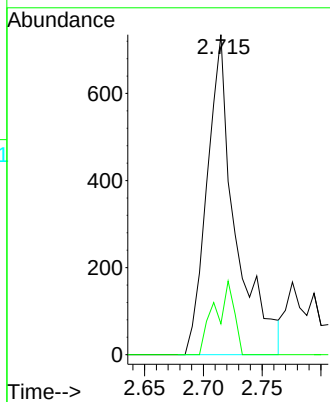
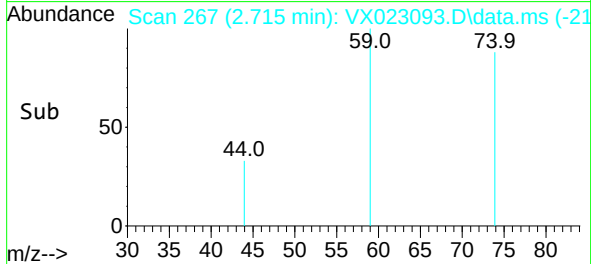
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MSVOA_X
ClientSampleId :
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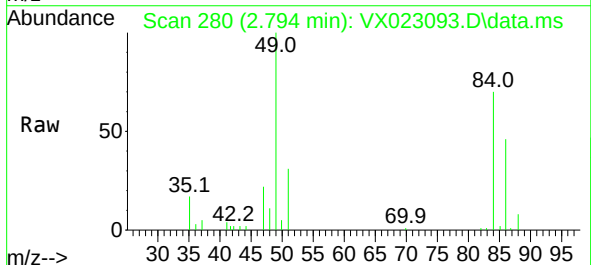
Tgt Ion: 43 Resp: 1229
Ion Ratio Lower Upper
43 100
74 15.8 21.9 32.9#

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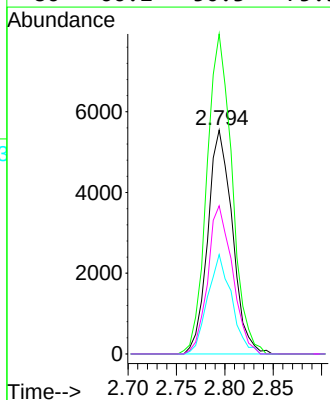
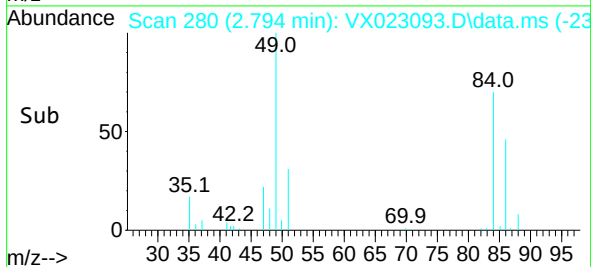
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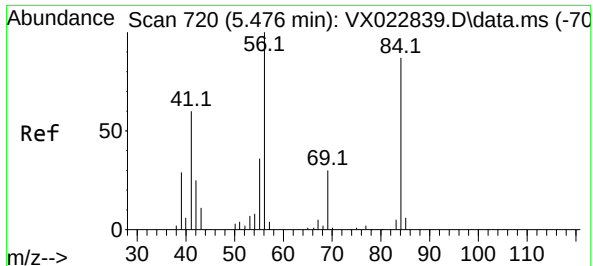


#20
Methylene Chloride
Concen: 11.976 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25

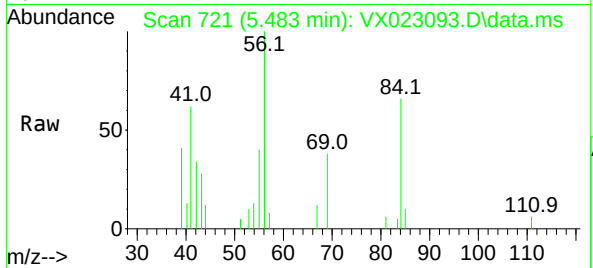


Tgt Ion: 84 Resp: 9834
Ion Ratio Lower Upper
84 100
49 143.0 88.6 132.8#
51 44.4 27.0 40.6#
86 66.2 50.3 75.5

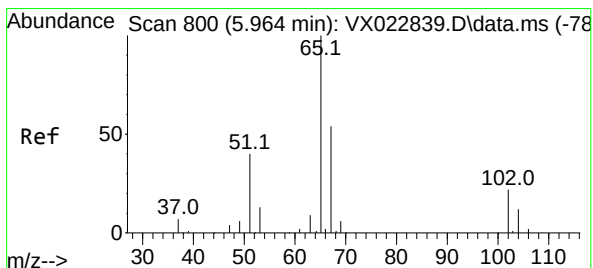
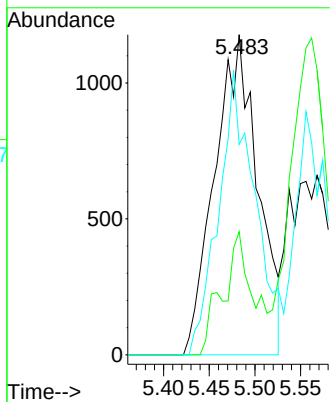
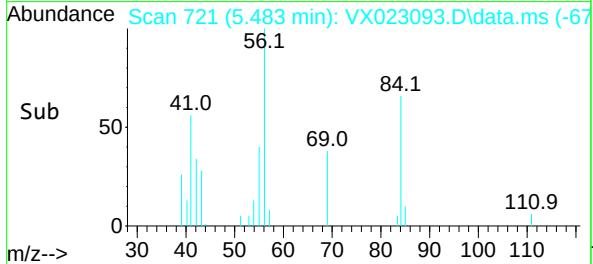




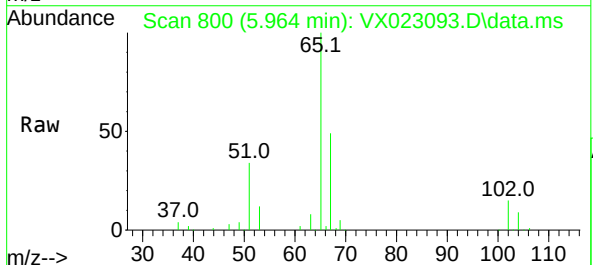
#31
Cyclohexane
Concen: 2.859 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.007 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25



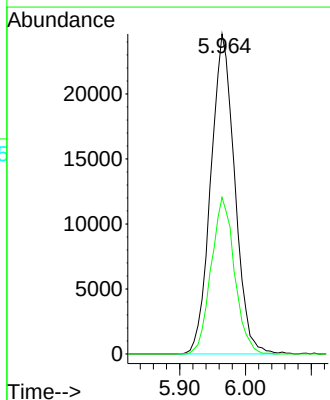
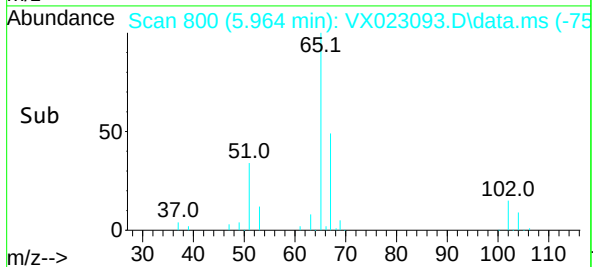
Tgt Ion: 56 Resp: 3862
Ion Ratio Lower Upper
56 100
69 38.5 25.3 37.9#
84 65.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 65.093 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25



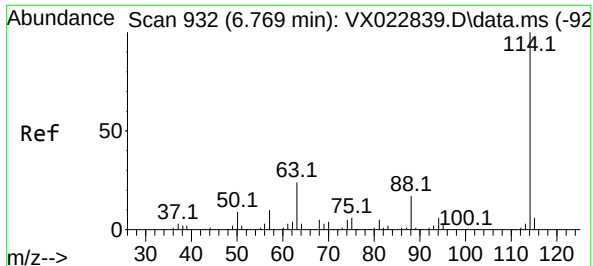
Tgt Ion: 65 Resp: 62271
Ion Ratio Lower Upper
65 100
67 47.7 0.0 105.4



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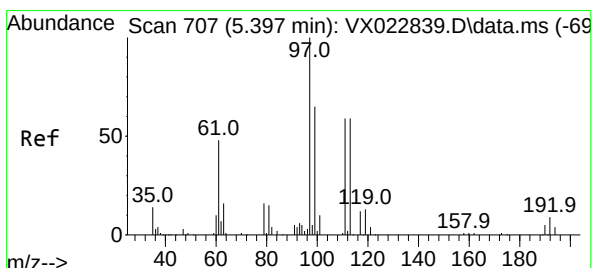
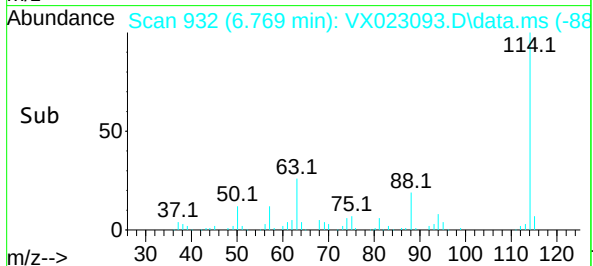
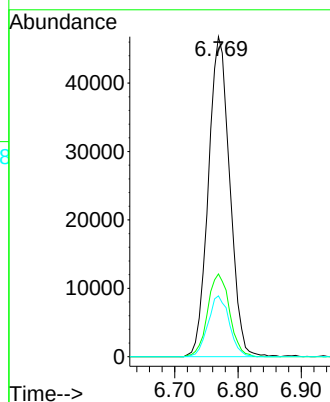
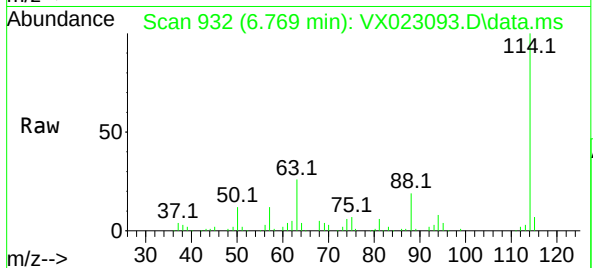
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25

Tgt Ion:114 Resp: 109889
Ion Ratio Lower Upper
114 100
63 25.9 0.0 40.8
88 19.0 0.0 32.8

Instrument :
MSVOA_X
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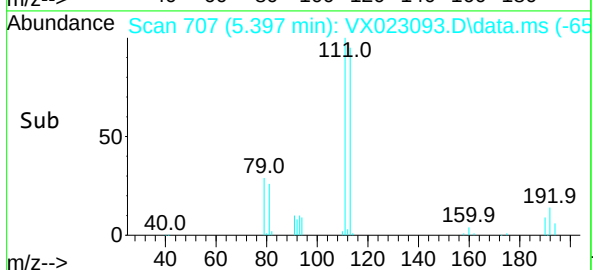
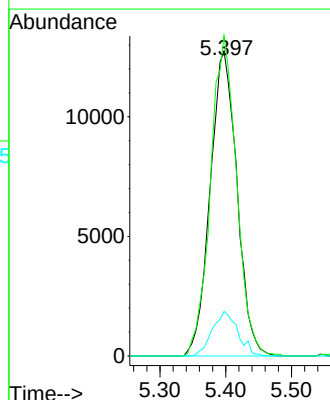
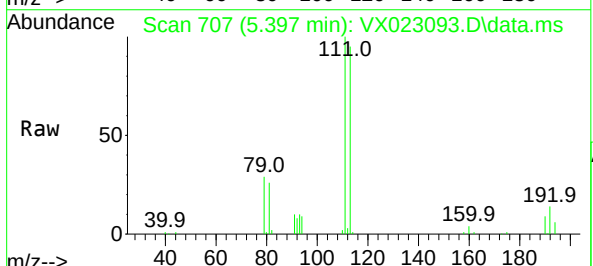
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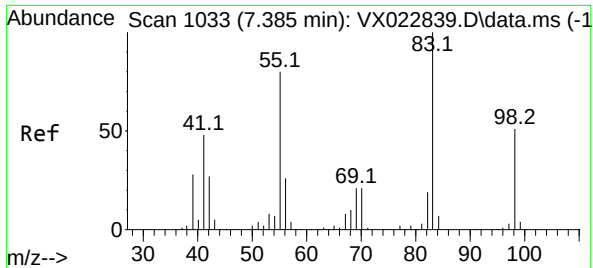
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#35
Dibromofluoromethane
Concen: 51.807 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25

Tgt Ion:113 Resp: 36152
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 13.9 16.7 25.1#





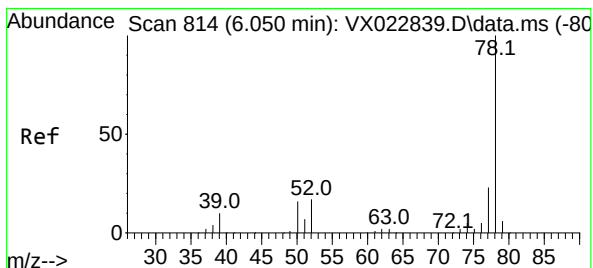
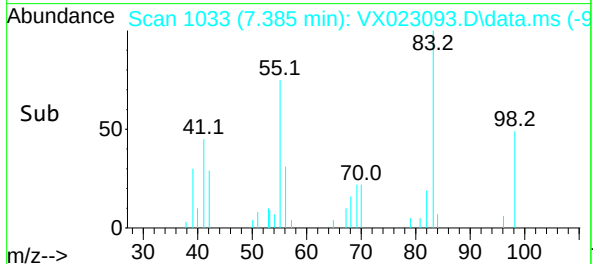
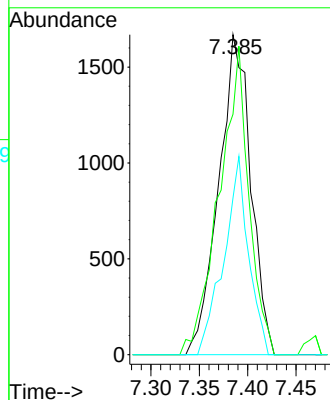
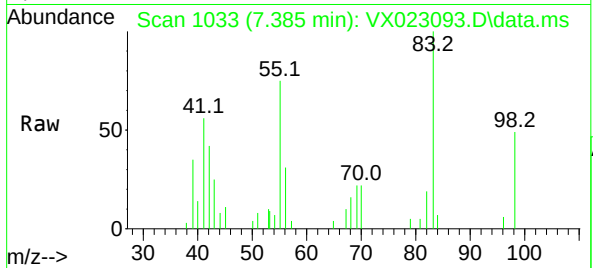
#39
Methylcyclohexane
Concen: 2.821 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25

Tgt Ion: 83 Resp: 3841
Ion Ratio Lower Upper
83 100
55 75.1 58.9 88.3
98 49.0 38.1 57.1

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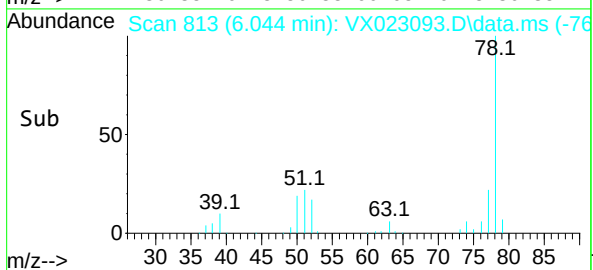
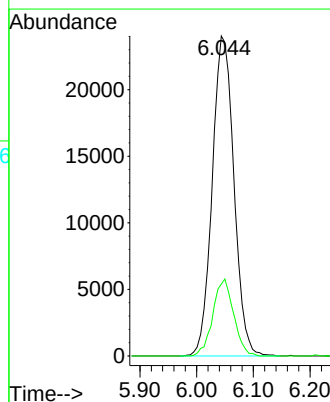
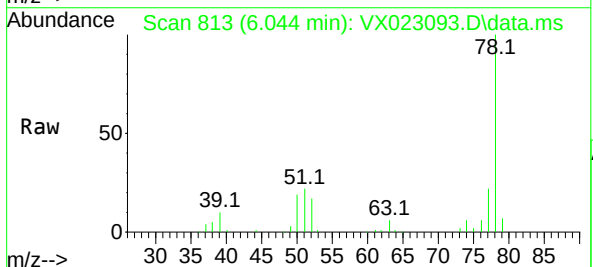
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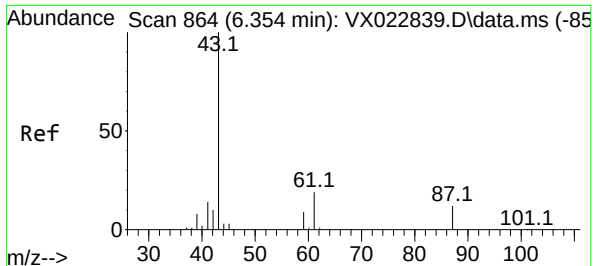
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#40
Benzene
Concen: 18.957 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25

Tgt Ion: 78 Resp: 63803
Ion Ratio Lower Upper
78 100
77 22.4 18.9 28.3





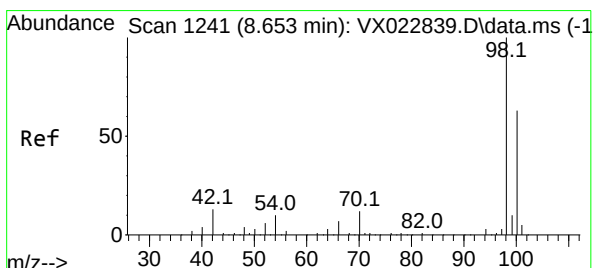
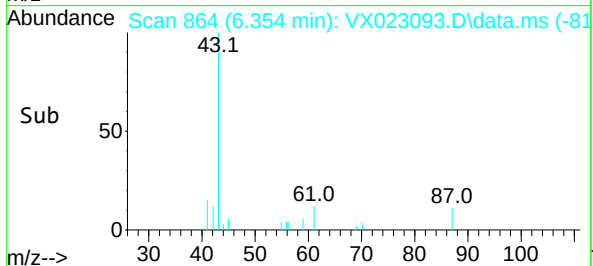
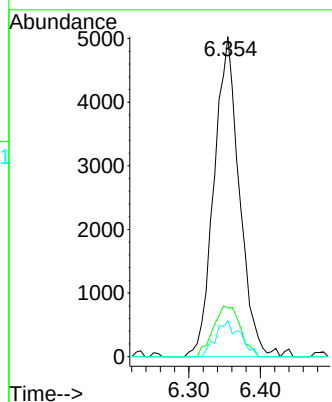
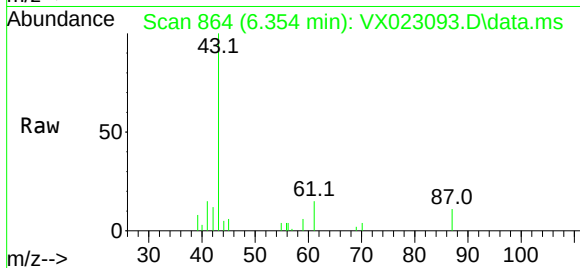
#43
Isopropyl Acetate
Concen: 5.678 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.000 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.9	18.2	27.4#
87	10.9	12.5	18.7#

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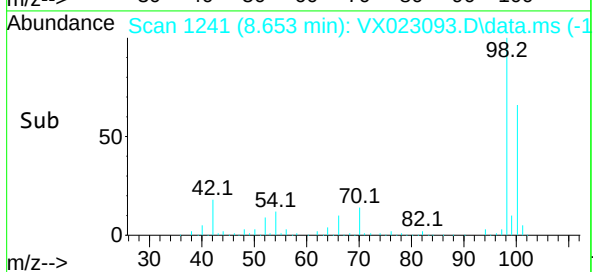
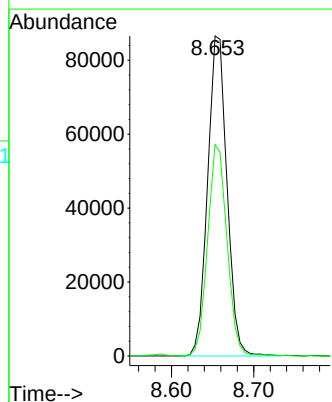
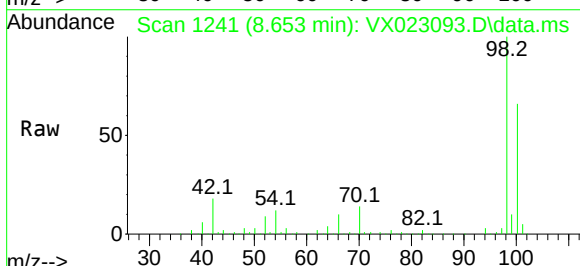
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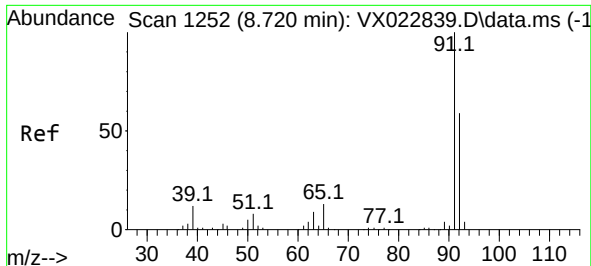
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#50
Toluene-d8
Concen: 51.704 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25

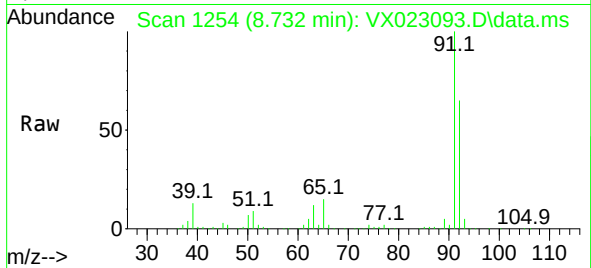
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	51.9	77.9





#52
Toluene
Concen: 2081.029 ug/l
RT: 8.732 min Scan# 1254
Delta R.T. 0.012 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25

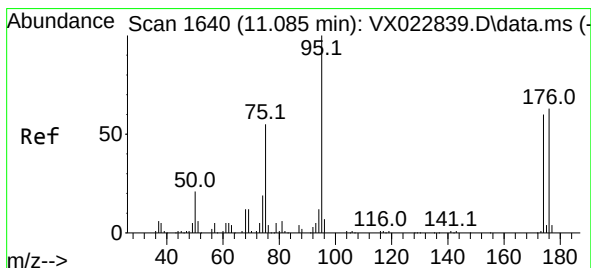
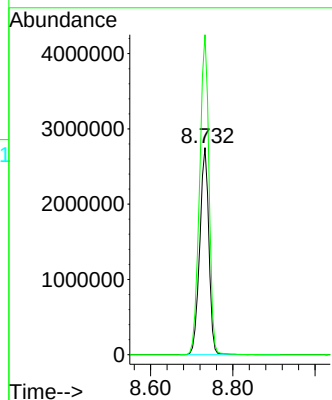
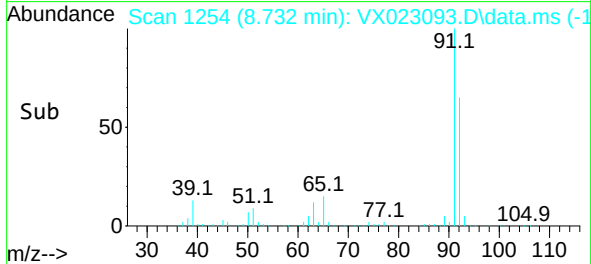
Instrument :
MSVOA_X
ClientSampled :
30759



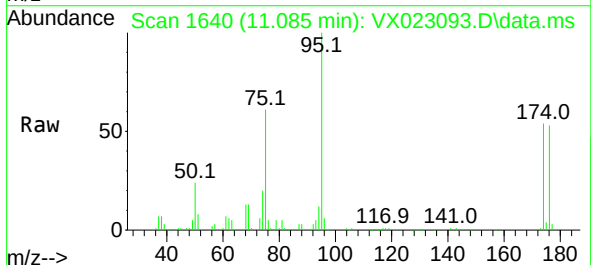
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Ion Ratio Lower Upper
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91 159.8 137.1 205.7

Manual Integrations
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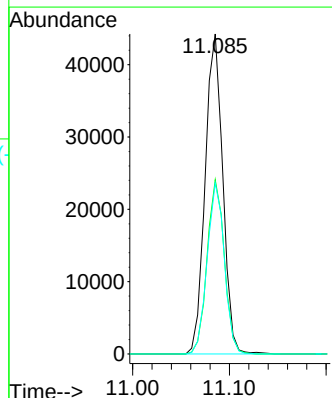
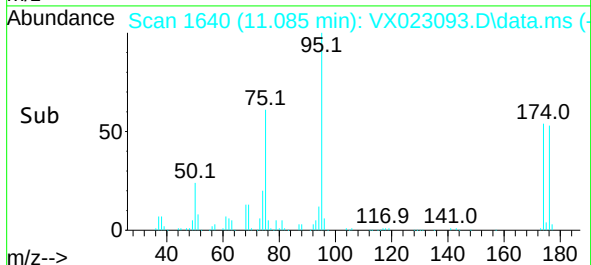
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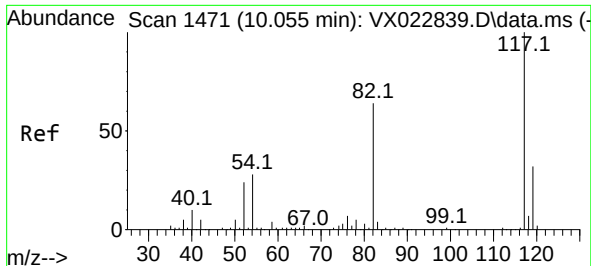


#62
4-Bromofluorobenzene
Concen: 54.961 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25

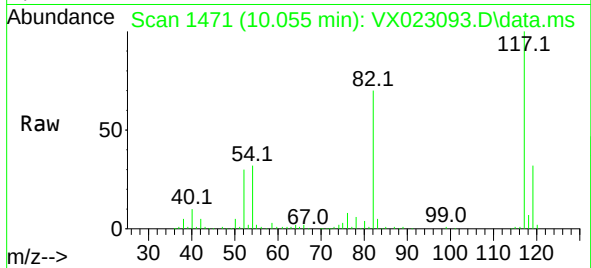


Tgt Ion: 95 Resp: 56098
Ion Ratio Lower Upper
95 100
174 53.1 0.0 154.6
176 52.0 0.0 155.8

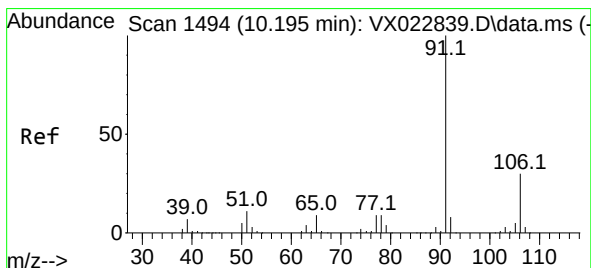
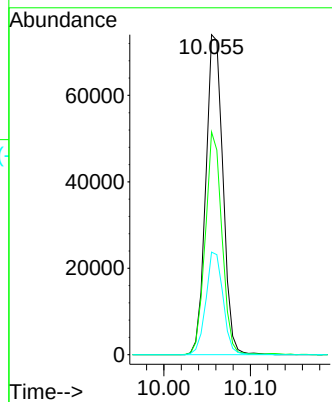
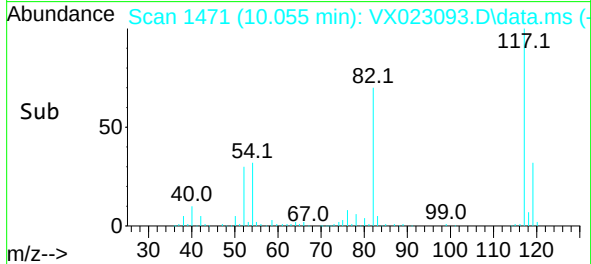




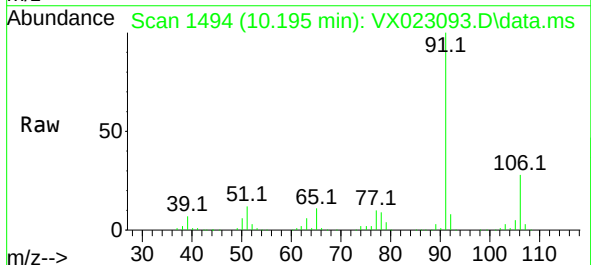
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25



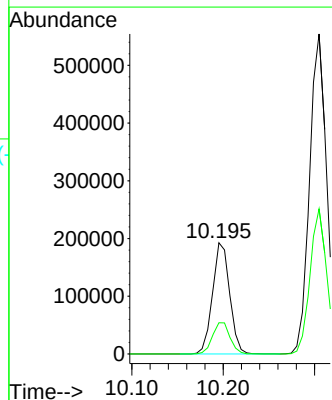
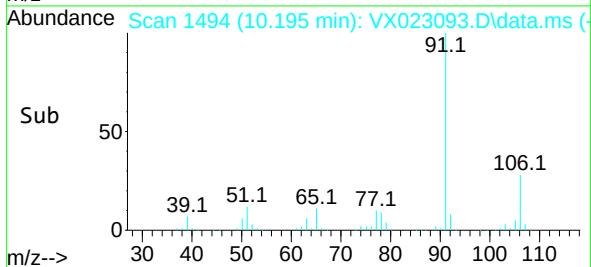
Tgt Ion:117 Resp: 101780
Ion Ratio Lower Upper
117 100
82 69.6 47.4 71.2
119 32.1 26.6 39.8



#67
Ethyl Benzene
Concen: 63.733 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25



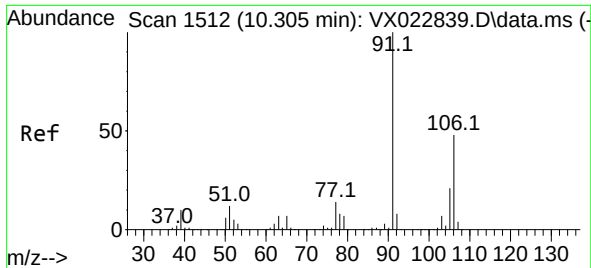
Tgt Ion: 91 Resp: 251550
Ion Ratio Lower Upper
91 100
106 28.1 24.6 37.0



Instrument :
MSVOA_X
ClientSampled :
30759

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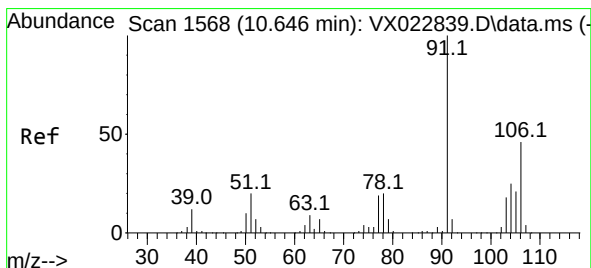
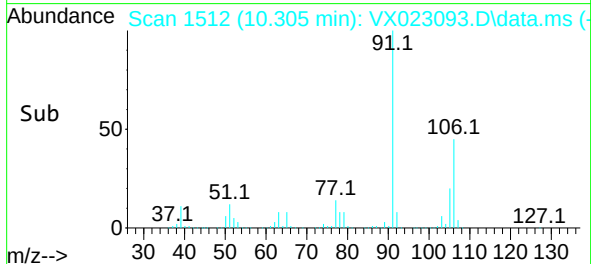
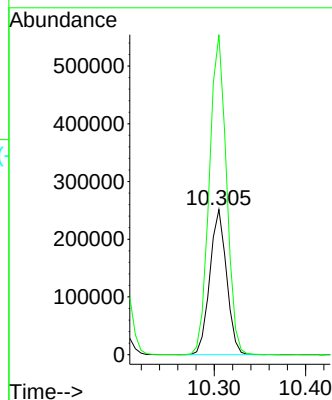
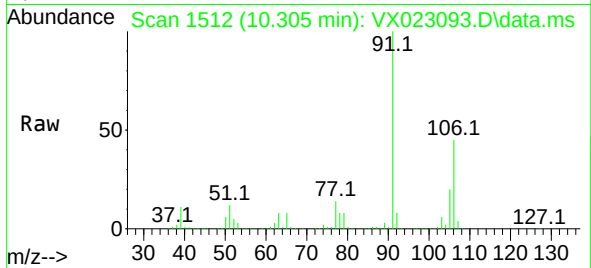
#68
m/p-Xylenes
Concen: 217.790 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25

Tgt Ion:106 Resp: 319225
Ion Ratio Lower Upper
106 100
91 225.3 162.8 244.2

Instrument :
MSVOA_X
ClientSampled :
30759

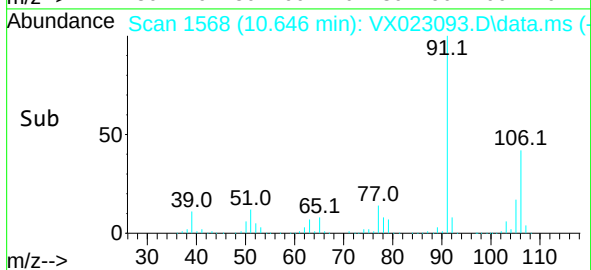
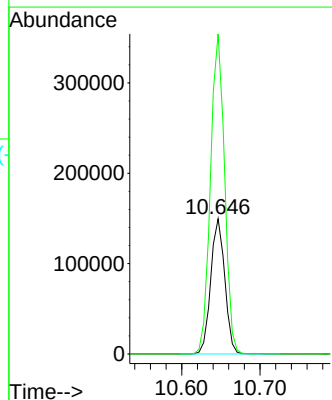
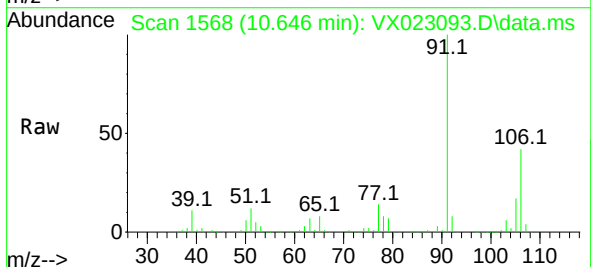
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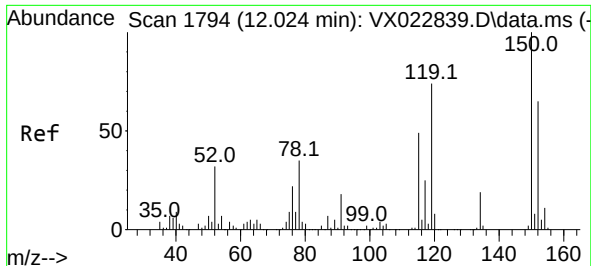
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#69
o-Xylene
Concen: 129.811 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25

Tgt Ion:106 Resp: 185184
Ion Ratio Lower Upper
106 100
91 238.3 108.1 324.2





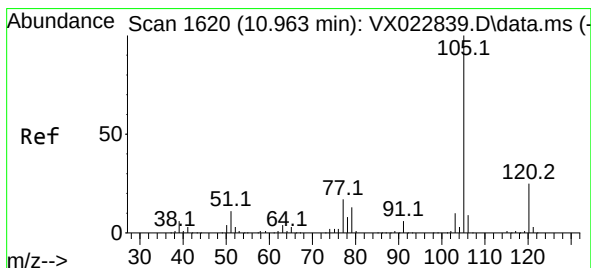
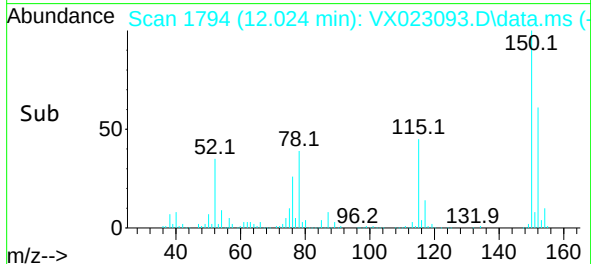
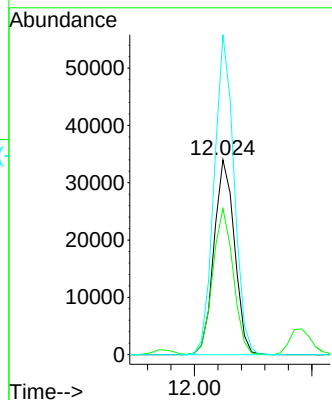
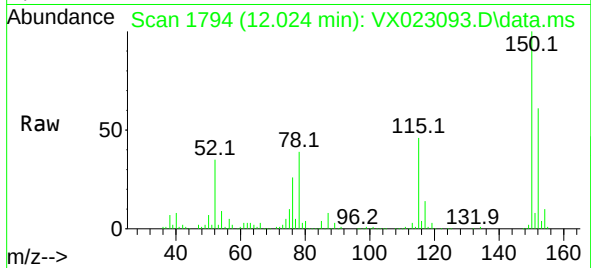
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25

Tgt Ion:152 Resp: 41320
Ion Ratio Lower Upper
152 100
115 74.6 41.1 123.3
150 158.6 0.0 349.0

Instrument :
MSVOA_X
ClientSampled :
30759

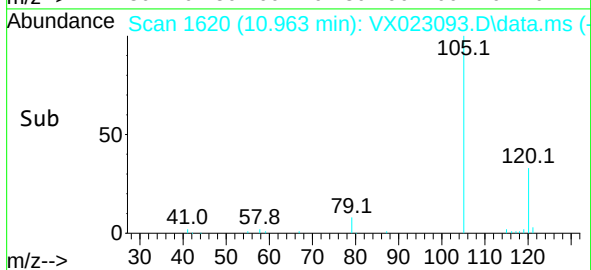
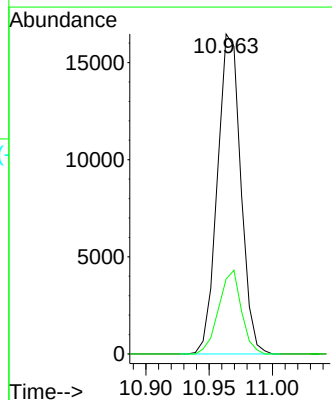
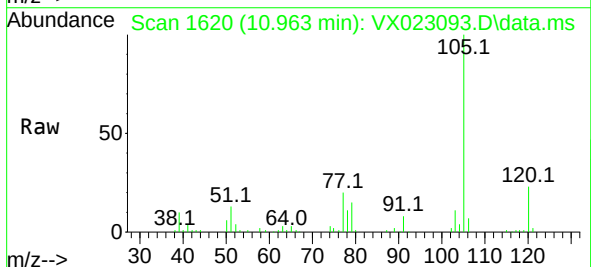
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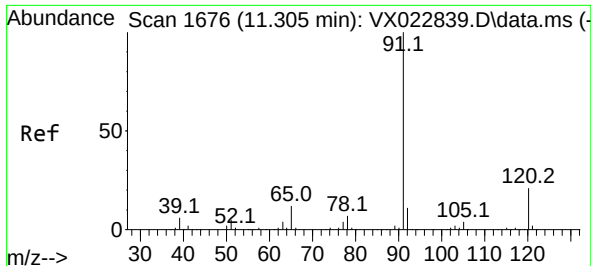
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#73
Isopropylbenzene
Concen: 6.033 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25

Tgt Ion:105 Resp: 21092
Ion Ratio Lower Upper
105 100
120 25.4 13.2 39.6





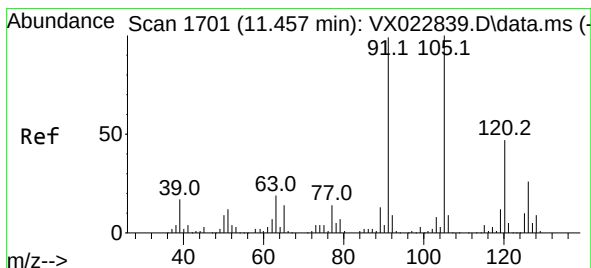
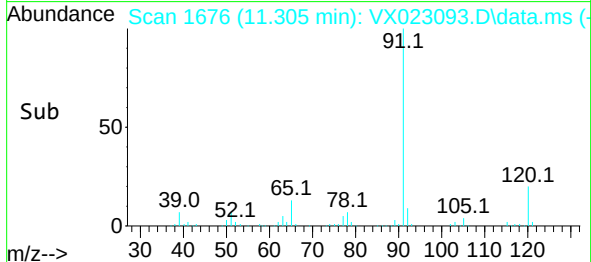
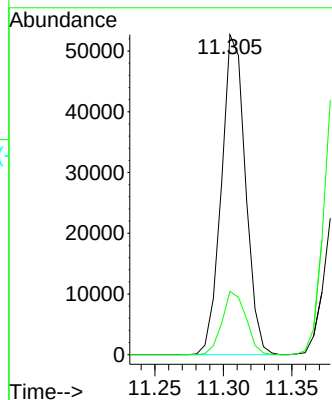
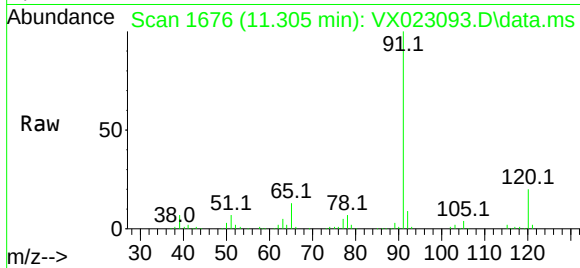
#78
n-propylbenzene
Concen: 15.161 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25

Tgt Ion: 91 Resp: 64135
Ion Ratio Lower Upper
91 100
120 19.6 11.5 34.5

Instrument :
MSVOA_X
ClientSampled :
30759

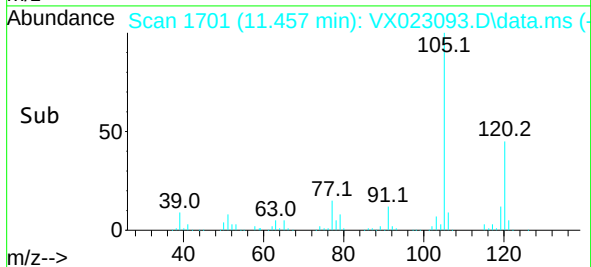
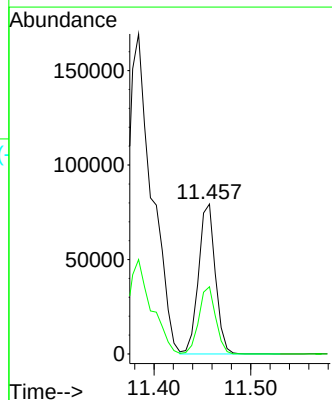
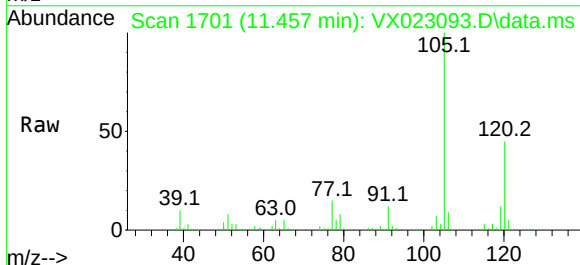
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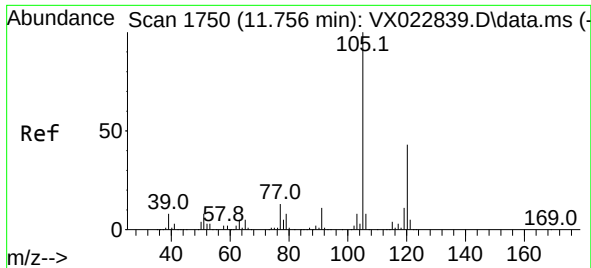
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#80
1,3,5-Trimethylbenzene
Concen: 33.606 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25

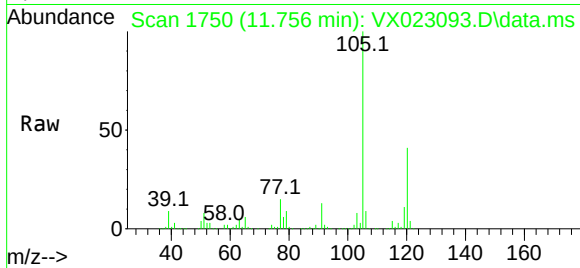
Tgt Ion: 105 Resp: 96479
Ion Ratio Lower Upper
105 100
120 44.6 23.8 71.5





#84
1,2,4-Trimethylbenzene
Concen: 139.660 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25

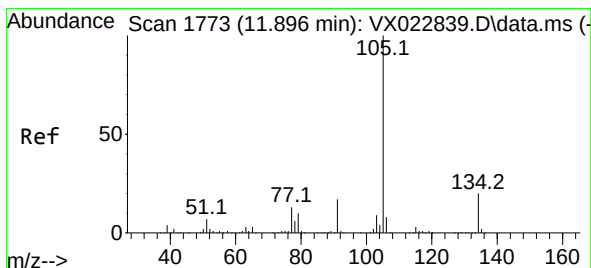
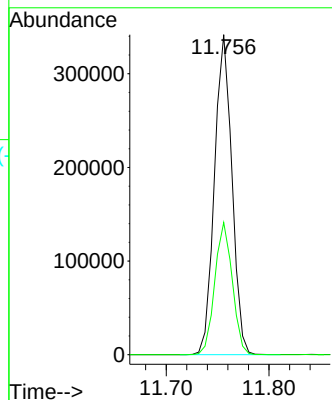
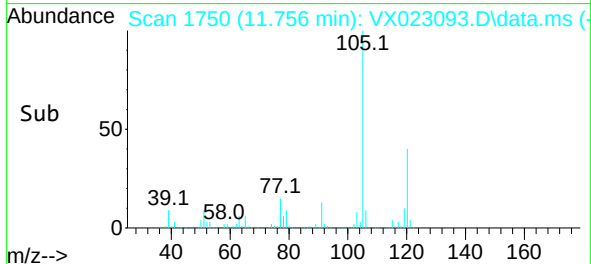
Instrument :
MSVOA_X
ClientSampled :
30759



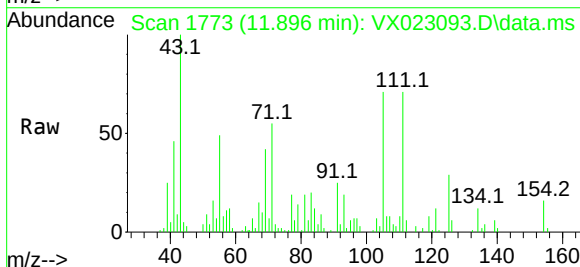
Tgt Ion:105 Resp: 403545
Ion Ratio Lower Upper
105 100
120 41.3 22.4 67.3

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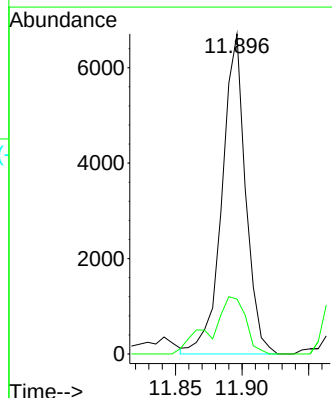
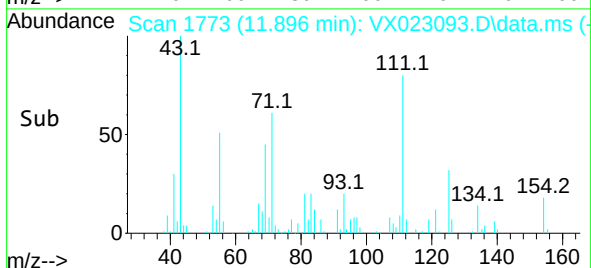
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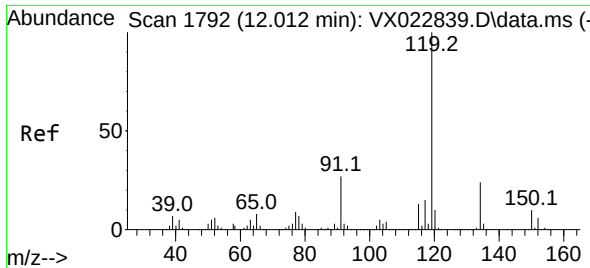


#85
sec-Butylbenzene
Concen: 2.257 ug/l m
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25

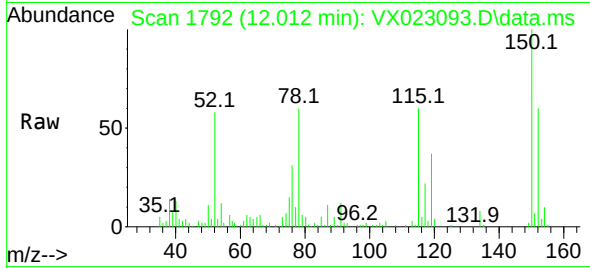


Tgt Ion:105 Resp: 8254
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#

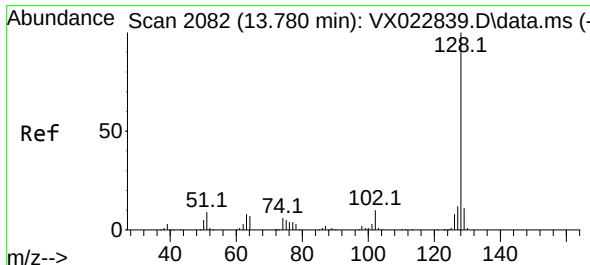
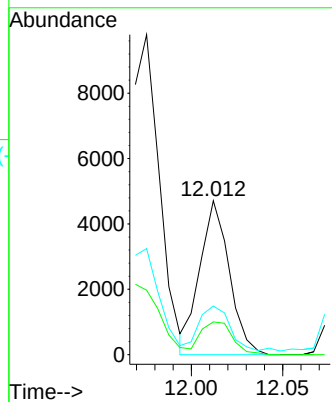
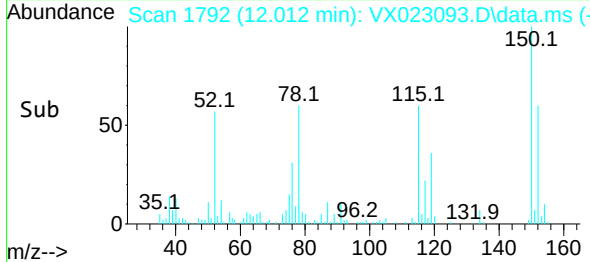




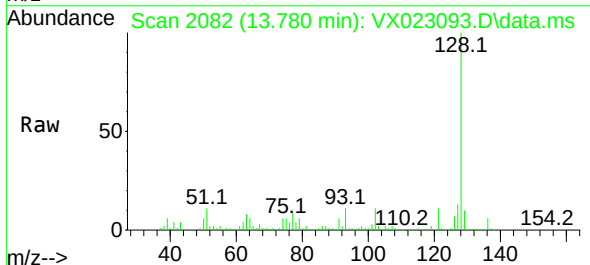
#86
p-Isopropyltoluene
Concen: 1.829 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25



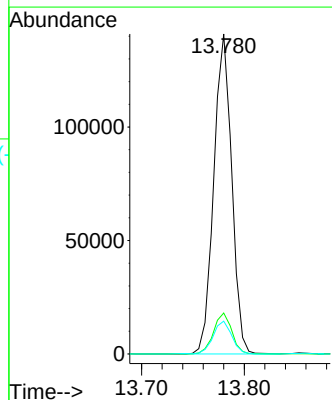
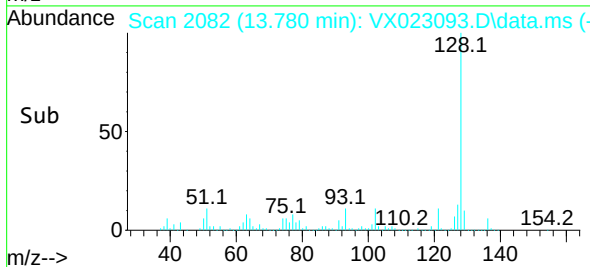
Tgt Ion:119 Resp: 5315
Ion Ratio Lower Upper
119 100
134 22.5 12.9 38.7
91 38.0 11.7 35.0#



#95
Naphthalene
Concen: 50.510 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023093.D
Acq: 01 Jul 2021 18:25



Tgt Ion:128 Resp: 170197
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.8 13.2



Instrument :
MSVOA_X
ClientSampled :
30759

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