

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062921\
 Data File : VX023008.D
 Acq On : 29 Jun 2021 17:06
 Operator : JC/MD
 Sample : M2875-17 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Manual Integrations
 APPROVED

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 7/2/2021 6:21:37 PM

Quant Time: Jun 30 01:45:00 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	56340	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	112603	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38138	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54243	53.05	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 106.10%		
35) Dibromofluoromethane	5.391	113	35221	49.26	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 98.52%		
50) Toluene-d8	8.653	98	142871	50.98	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 101.96%		
62) 4-Bromofluorobenzene	11.085	95	49465	47.29	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 94.58%		
Target Compounds						
						Qvalue
16) Acetone	2.386	43	1773	3.91	ug/l	91
31) Cyclohexane	5.477	56	6439	4.46	ug/l #	87
39) Methylcyclohexane	7.385	83	7611	5.46	ug/l #	81
40) Benzene	6.044	78	72153	20.92	ug/l	98
52) Toluene	8.720	92	4554	2.18	ug/l	99
67) Ethyl Benzene	10.195	91	110240	28.54	ug/l	97
68) m/p-Xylenes	10.305	106	140999	98.30	ug/l	93
69) o-Xylene	10.646	106	17502	12.54	ug/l	94
73) Isopropylbenzene	10.963	105	15244	4.72	ug/l	99
78) n-propylbenzene	11.305	91	30159	7.72	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	34157	12.89	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	155151	58.18	ug/l	96
85) sec-Butylbenzene	11.890	105	2480m	0.73	ug/l	
86) p-Isopropyltoluene	12.012	119	713	0.27	ug/l #	67
89) n-Butylbenzene	12.335	91	5809	2.28	ug/l #	42

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

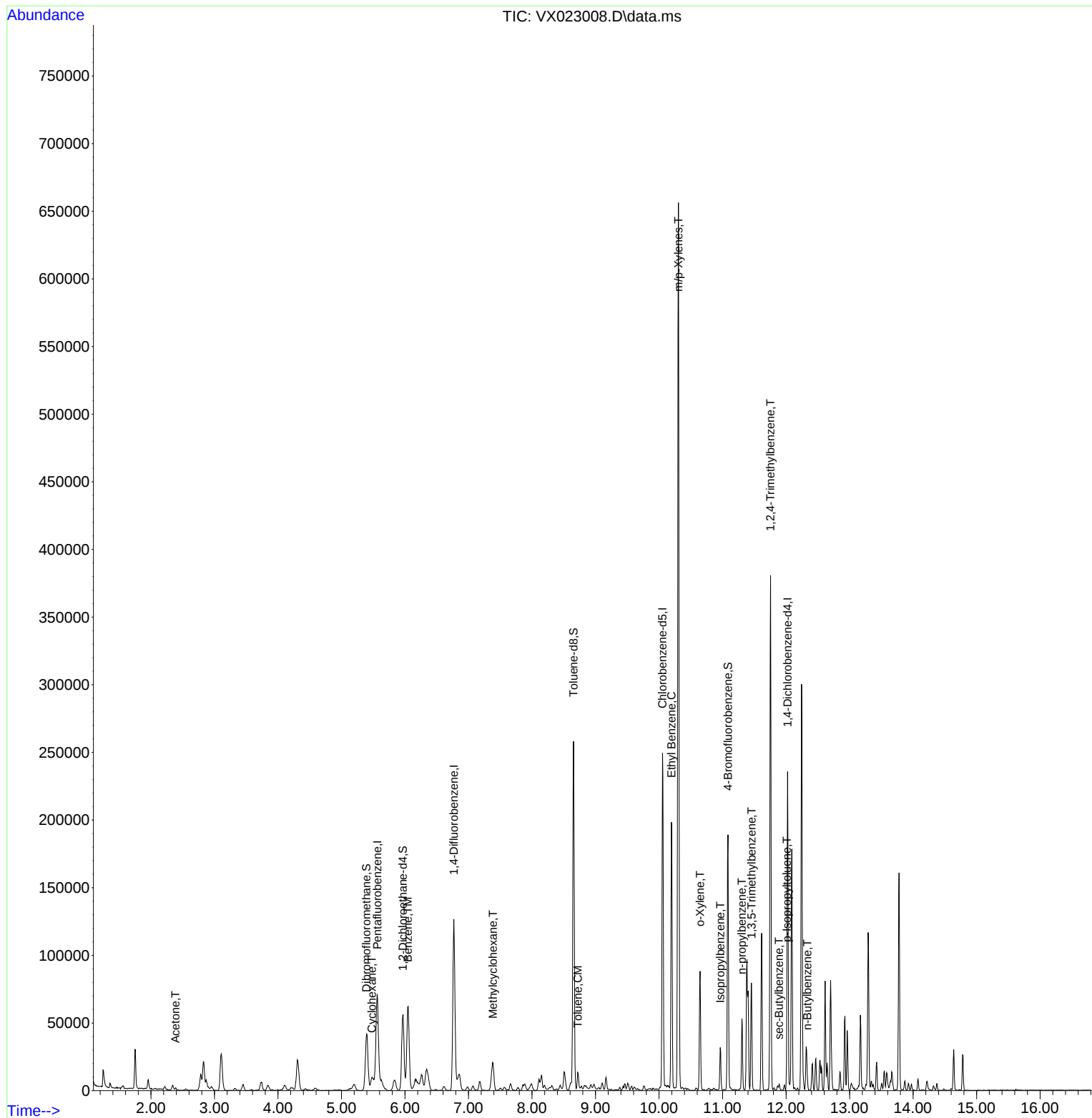
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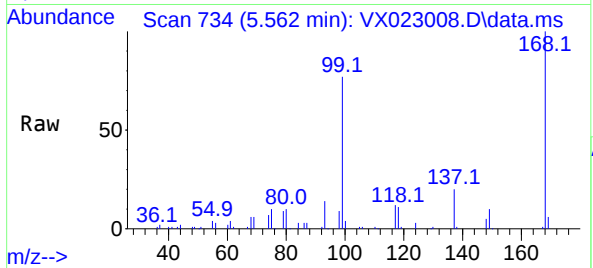
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Quant Time: Jun 30 01:45:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

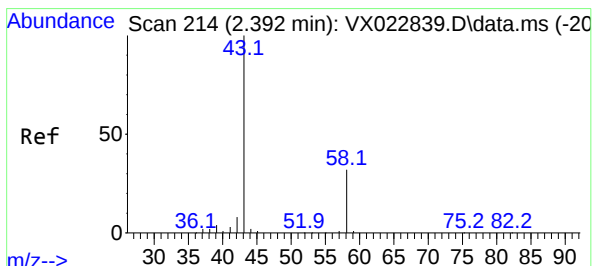
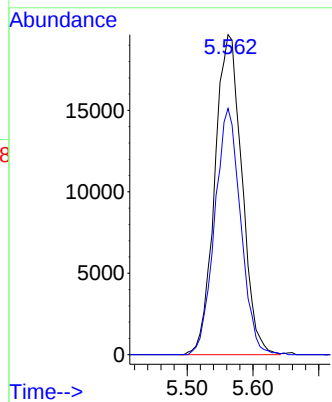
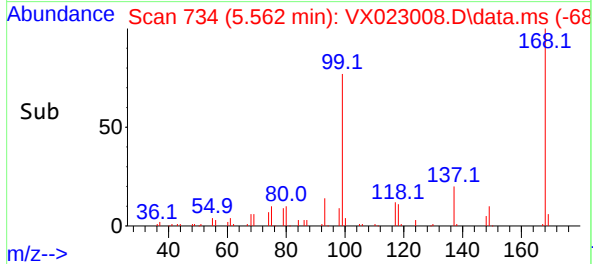




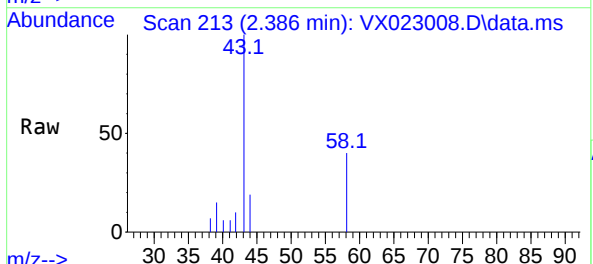
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023008.D
Acq: 29 Jun 2021 17:06



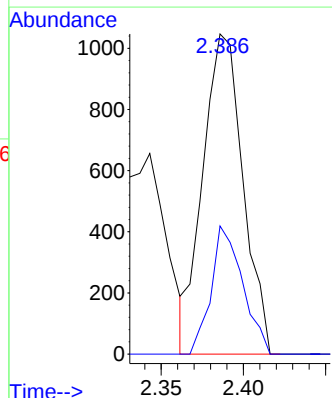
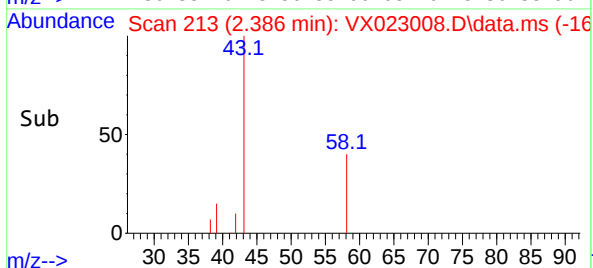
Tgt Ion: 168 Resp: 56340
Ion Ratio Lower Upper
168 100
99 77.0 45.8 68.6#



#16
Acetone
Concen: 3.91 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023008.D
Acq: 29 Jun 2021 17:06



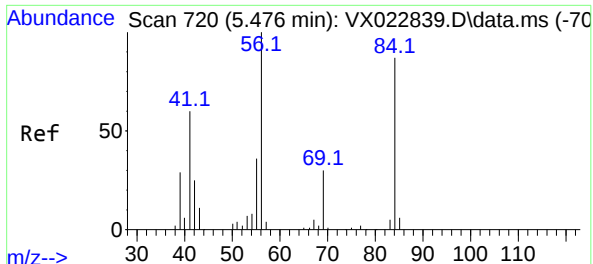
Tgt Ion: 43 Resp: 1773
Ion Ratio Lower Upper
43 100
58 40.0 27.8 41.8



Instrument :
MSVOA_X
ClientSampled :
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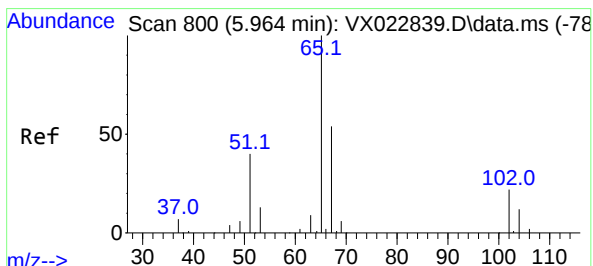
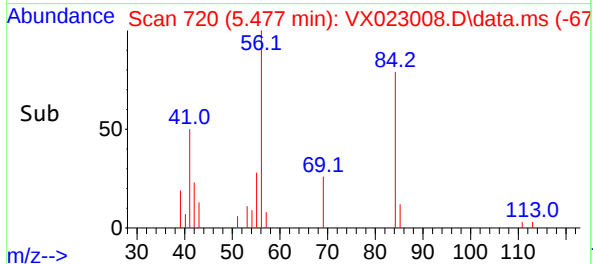
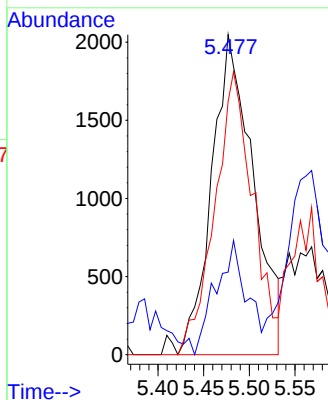
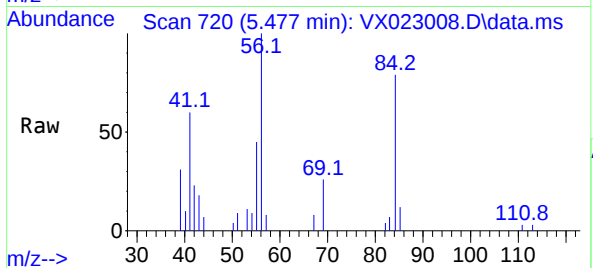
#31
Cyclohexane
Concen: 4.46 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.001 min
Lab File: VX023008.D
Acq: 29 Jun 2021 17:06

Tgt Ion: 56 Resp: 6439
Ion Ratio Lower Upper
56 100
69 21.8 25.3 37.9#
84 79.1 71.4 107.0

Instrument :
MSVOA_X
ClientSampled :
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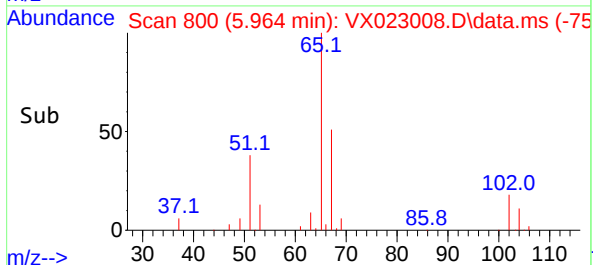
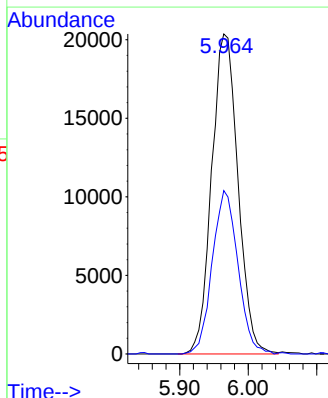
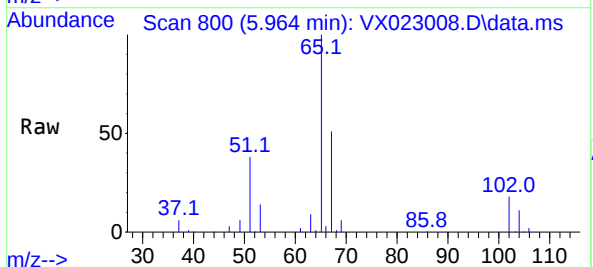
Manual Integrations
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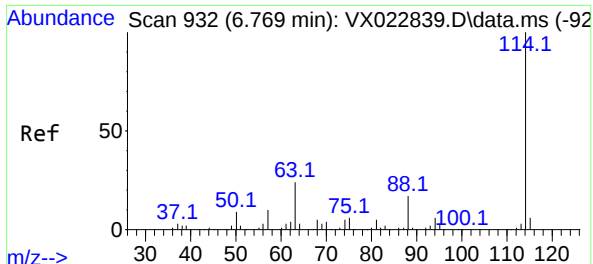
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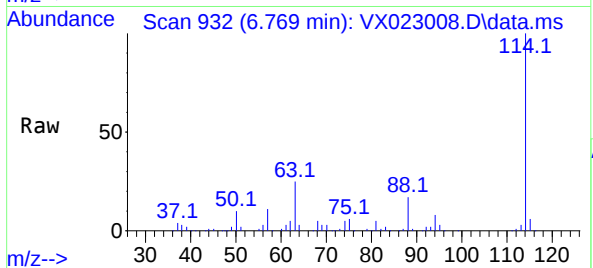
#33
1,2-Dichloroethane-d4
Concen: 53.05 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023008.D
Acq: 29 Jun 2021 17:06

Tgt Ion: 65 Resp: 54243
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4

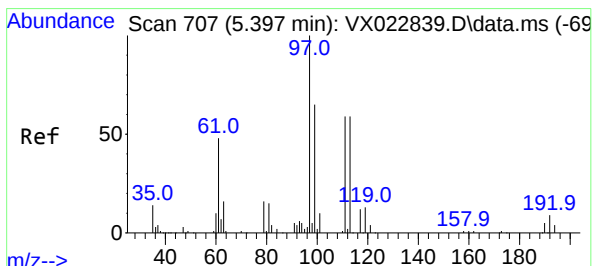
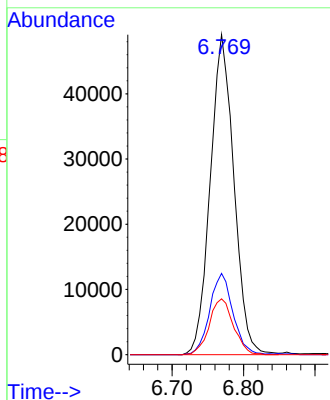
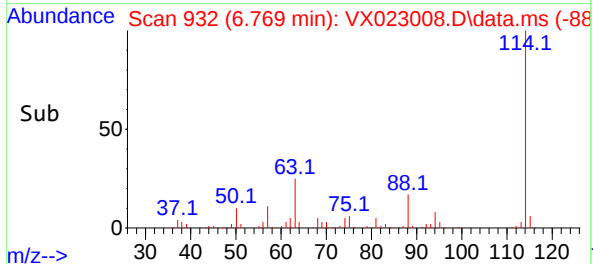




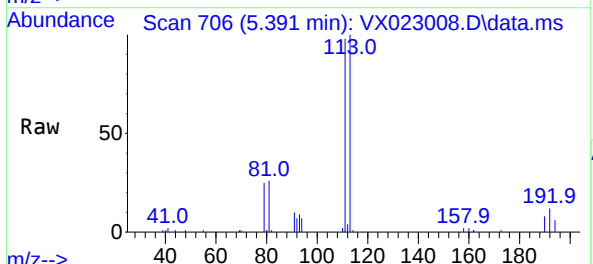
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023008.D
Acq: 29 Jun 2021 17:06



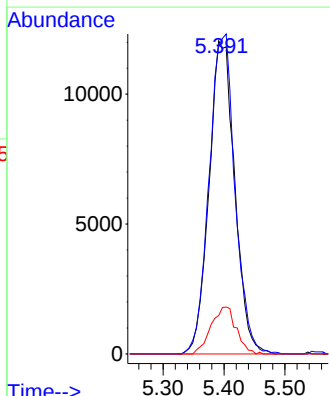
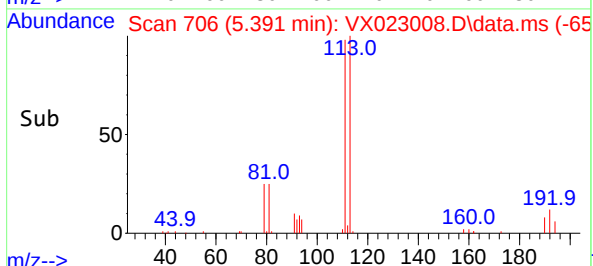
Tgt Ion:114 Resp: 112603
Ion Ratio Lower Upper
114 100
63 25.4 0.0 40.8
88 17.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.26 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023008.D
Acq: 29 Jun 2021 17:06



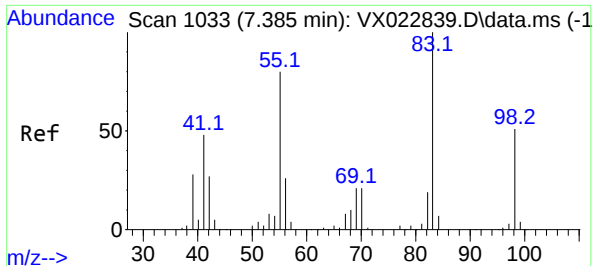
Tgt Ion:113 Resp: 35221
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 14.7 16.7 25.1#



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#39

Methylcyclohexane

Concen: 5.46 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX023008.D

Acq: 29 Jun 2021 17:06

Tgt Ion:	83	Resp:	7611
Ion	Ratio	Lower	Upper
83	100		
55	98.1	58.9	88.3#
98	50.5	38.1	57.1

Instrument :

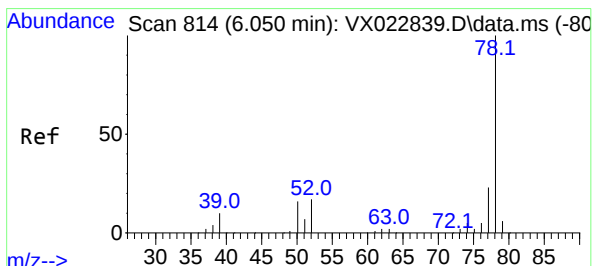
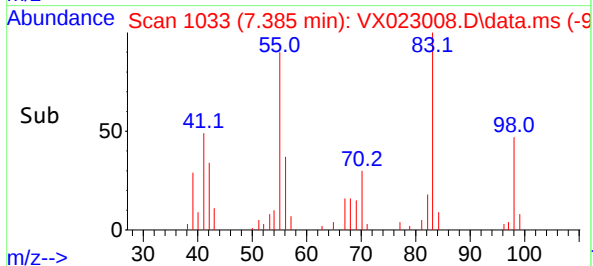
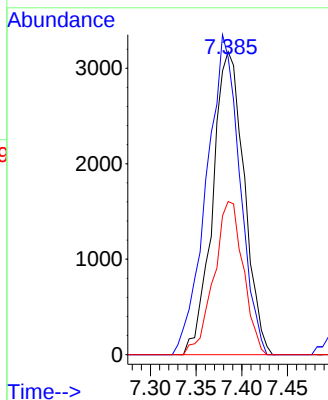
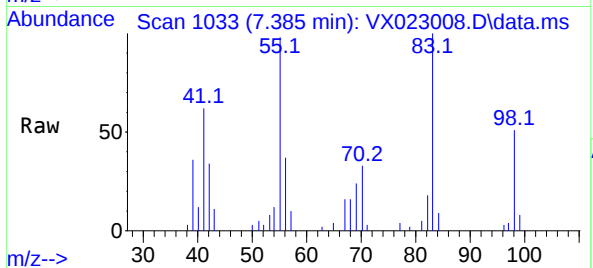
MSVOA_X

ClientSampled :

MW-2

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#40

Benzene

Concen: 20.92 ug/l

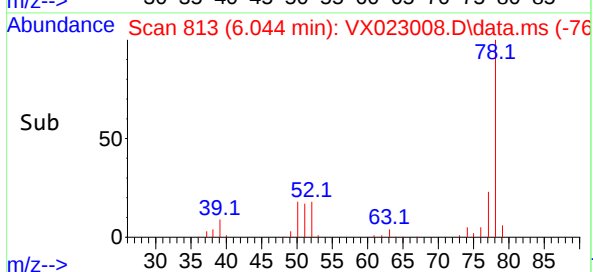
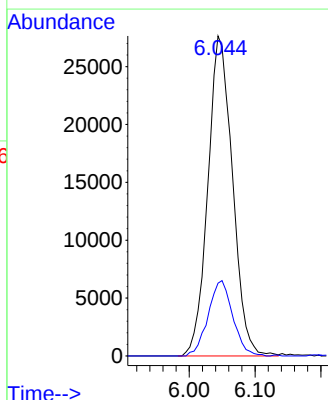
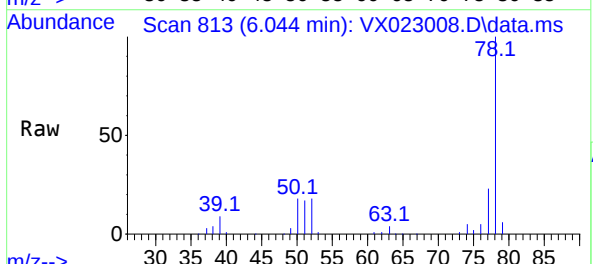
RT: 6.044 min Scan# 813

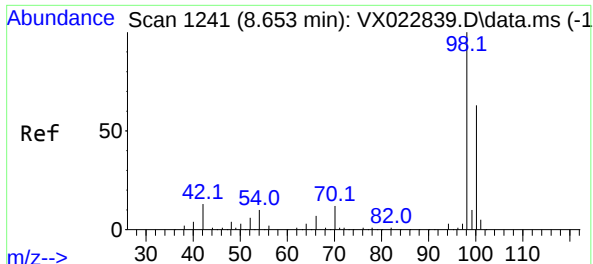
Delta R.T. -0.006 min

Lab File: VX023008.D

Acq: 29 Jun 2021 17:06

Tgt Ion:	78	Resp:	72153
Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.9	28.3





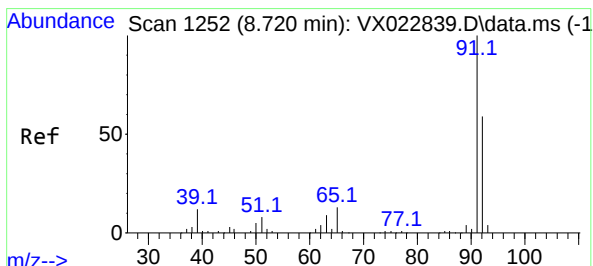
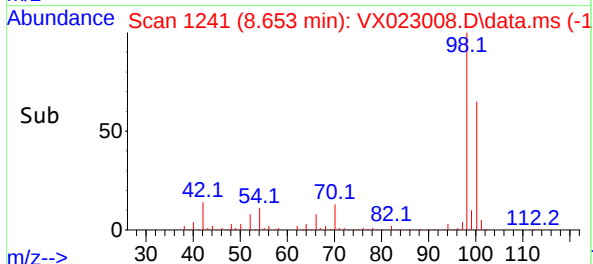
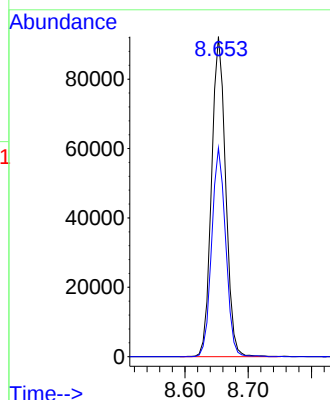
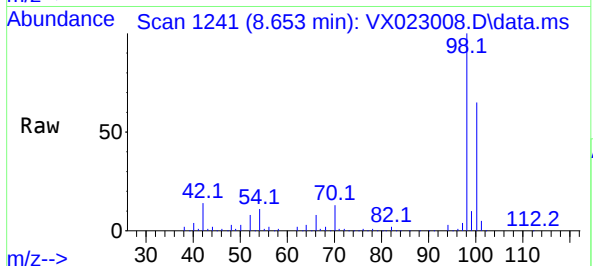
#50
Toluene-d8
Concen: 50.98 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023008.D
Acq: 29 Jun 2021 17:06

Tgt Ion: 98 Resp: 142871
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

Instrument :
MSVOA_X
ClientSampled :
MW-2

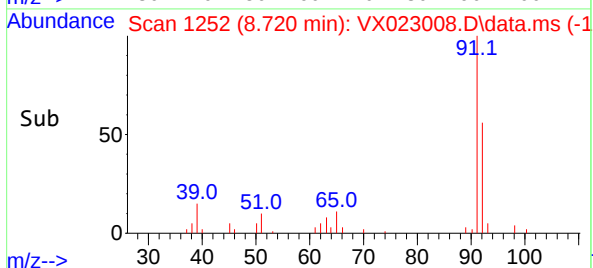
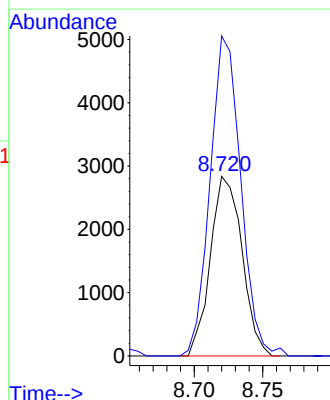
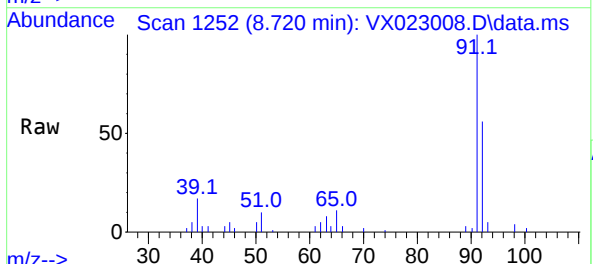
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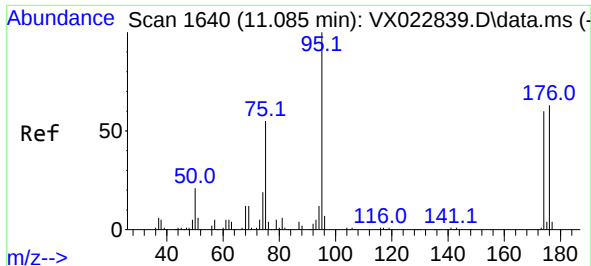
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#52
Toluene
Concen: 2.18 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX023008.D
Acq: 29 Jun 2021 17:06

Tgt Ion: 92 Resp: 4554
Ion Ratio Lower Upper
92 100
91 173.0 137.1 205.7





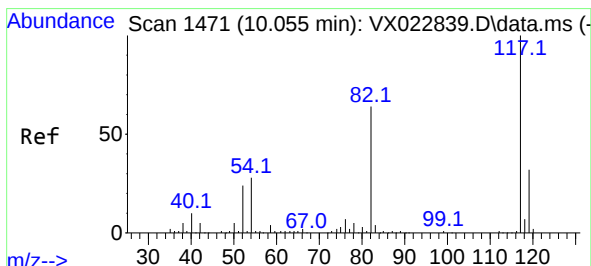
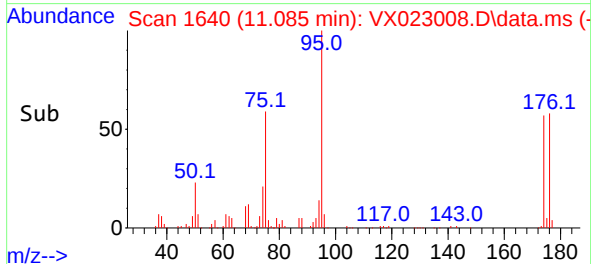
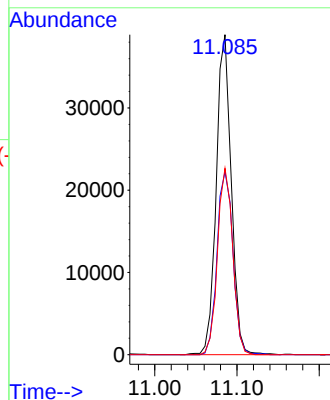
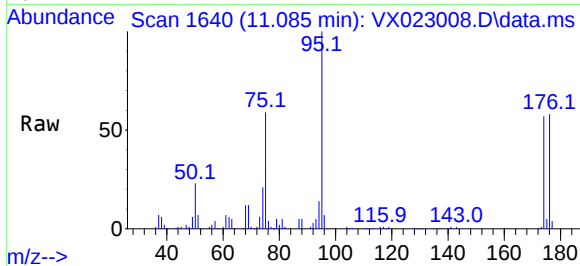
#62
4-Bromofluorobenzene
Concen: 47.29 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023008.D
Acq: 29 Jun 2021 17:06

Tgt Ion: 95 Resp: 49465
Ion Ratio Lower Upper
95 100
174 60.3 0.0 154.6
176 58.9 0.0 155.8

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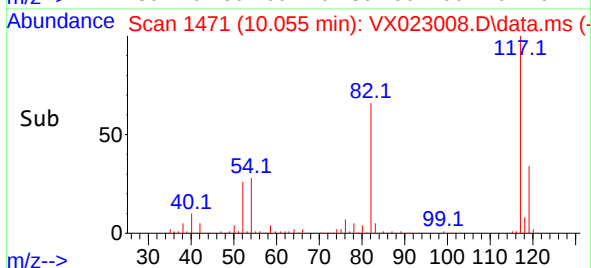
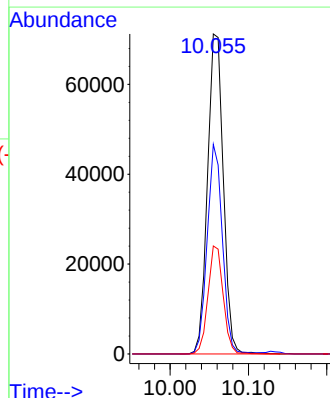
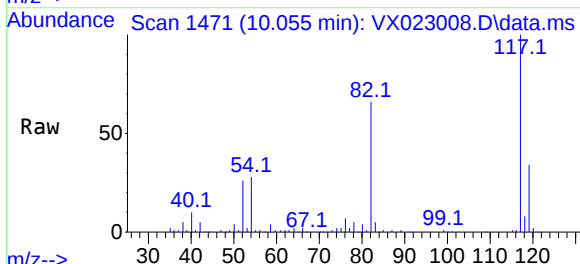
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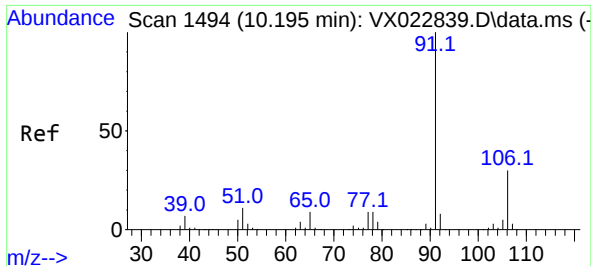
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023008.D
Acq: 29 Jun 2021 17:06

Tgt Ion: 117 Resp: 99600
Ion Ratio Lower Upper
117 100
82 65.5 47.4 71.2
119 33.7 26.6 39.8





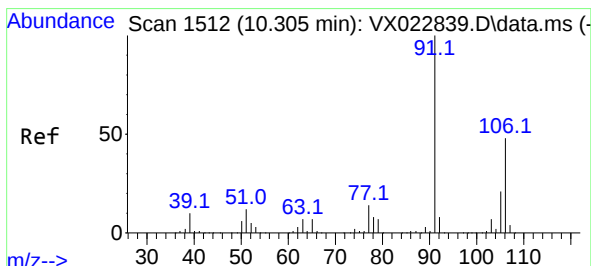
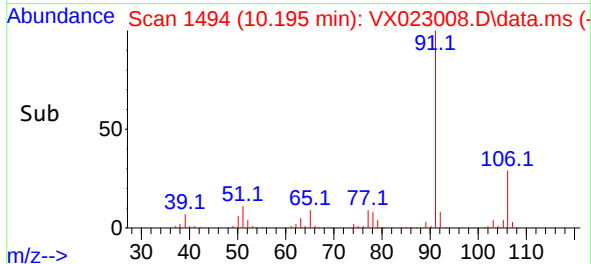
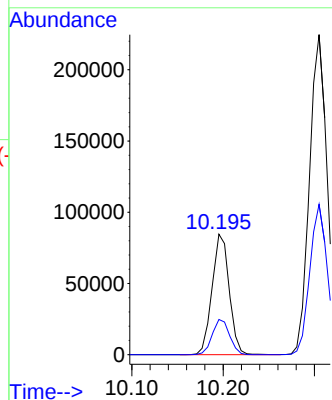
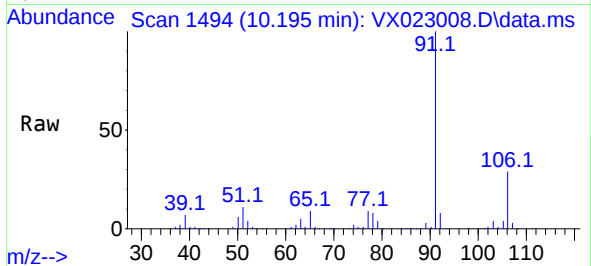
#67
Ethyl Benzene
Concen: 28.54 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX023008.D
Acq: 29 Jun 2021 17:06

Tgt Ion: 91 Resp: 110240
Ion Ratio Lower Upper
91 100
106 29.2 24.6 37.0

Instrument :
MSVOA_X
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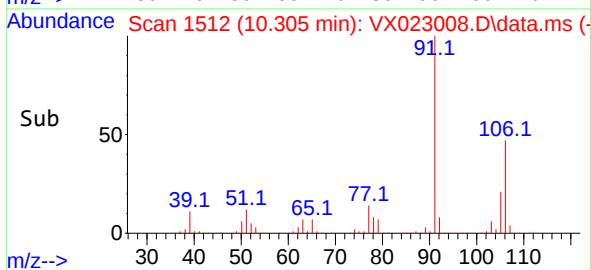
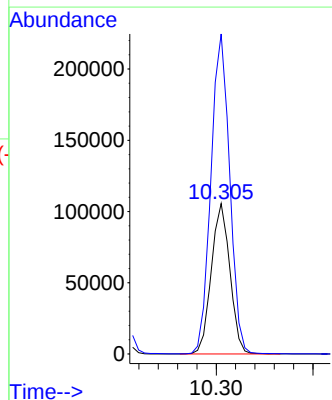
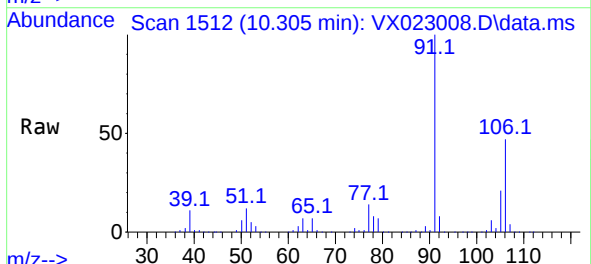
Manual Integrations
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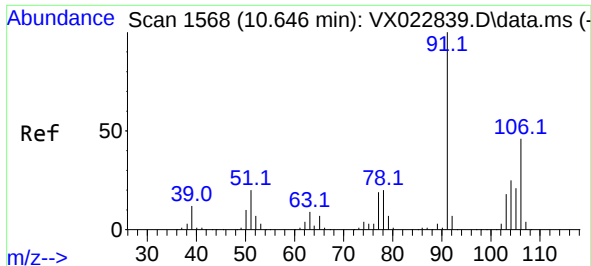
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#68
m/p-Xylenes
Concen: 98.30 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX023008.D
Acq: 29 Jun 2021 17:06

Tgt Ion:106 Resp: 140999
Ion Ratio Lower Upper
106 100
91 214.9 162.8 244.2





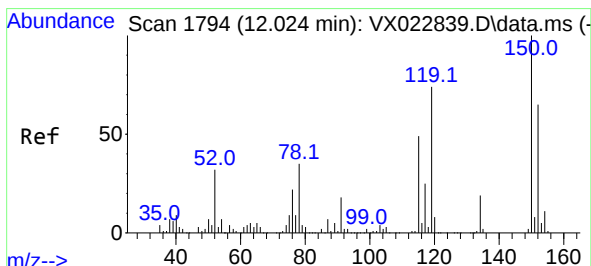
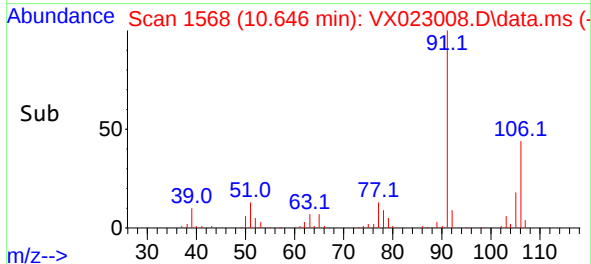
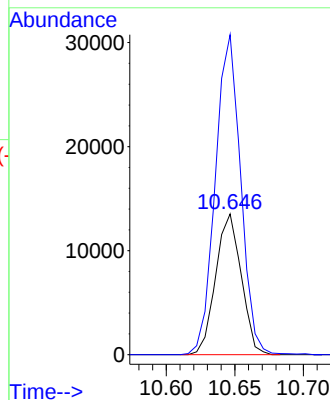
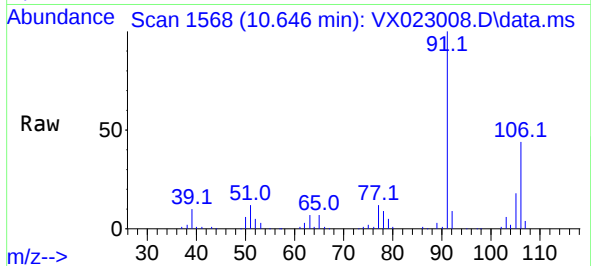
#69
o-Xylene
Concen: 12.54 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023008.D
Acq: 29 Jun 2021 17:06

Tgt Ion:106 Resp: 17502
Ion Ratio Lower Upper
106 100
91 226.2 108.1 324.2

Instrument :
MSVOA_X
ClientSampled :
MW-2

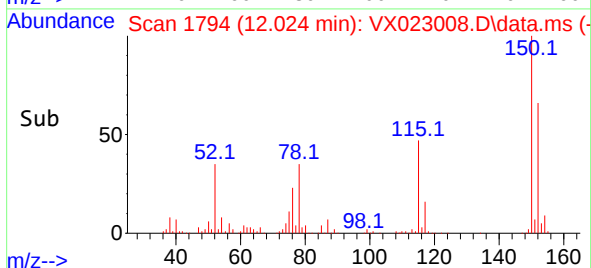
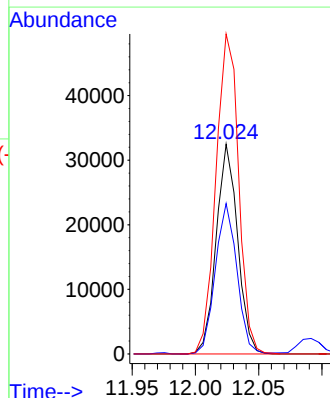
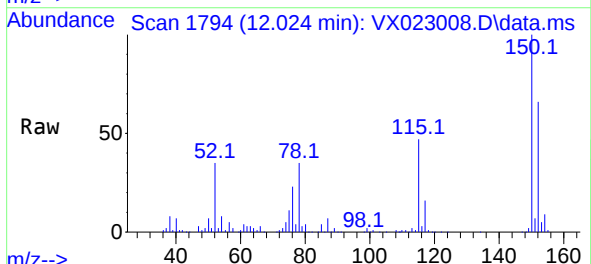
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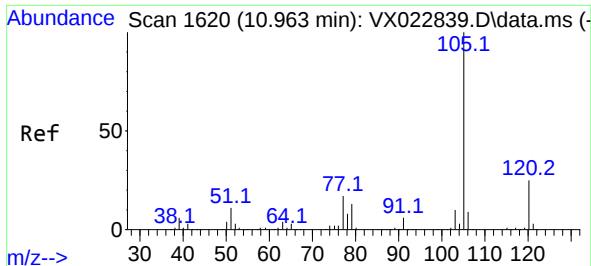
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023008.D
Acq: 29 Jun 2021 17:06

Tgt Ion:152 Resp: 38138
Ion Ratio Lower Upper
152 100
115 72.5 41.1 123.3
150 161.4 0.0 349.0





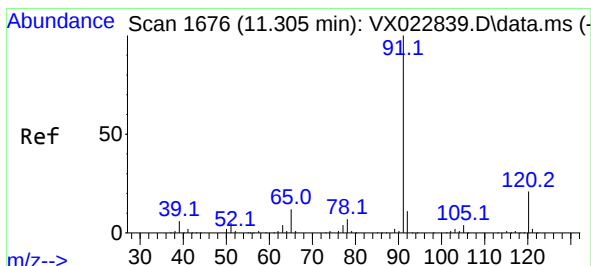
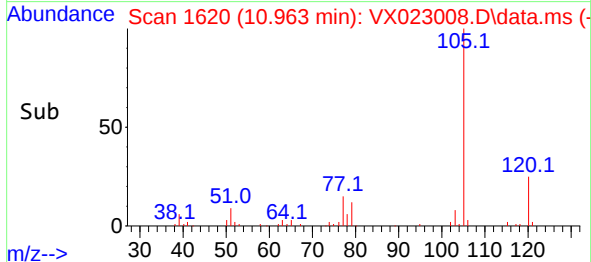
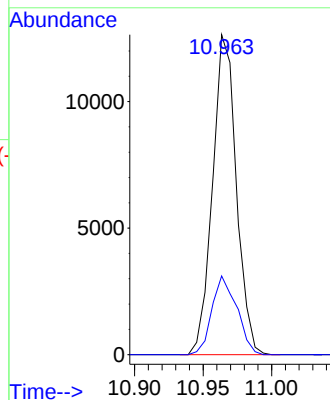
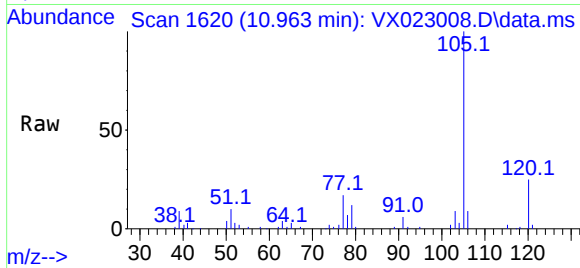
#73
Isopropylbenzene
Concen: 4.72 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX023008.D
Acq: 29 Jun 2021 17:06

Tgt Ion: 105 Resp: 15244
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.6

Instrument :
MSVOA_X
ClientSampled :
MW-2

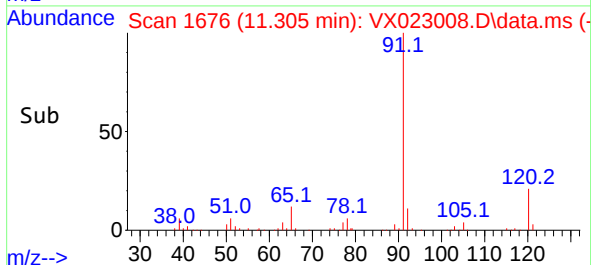
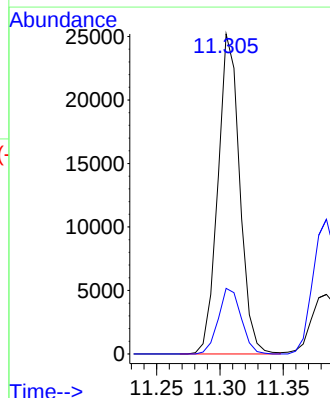
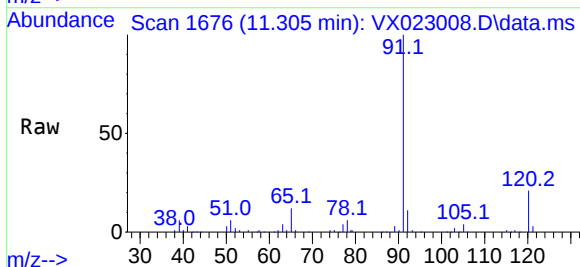
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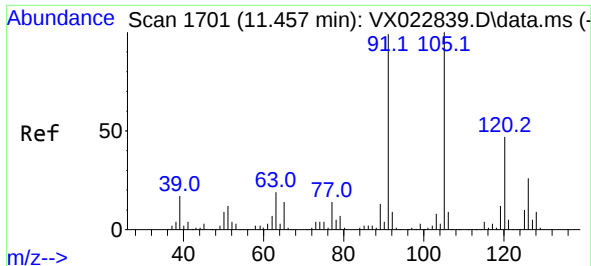
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#78
n-propylbenzene
Concen: 7.72 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX023008.D
Acq: 29 Jun 2021 17:06

Tgt Ion: 91 Resp: 30159
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.5





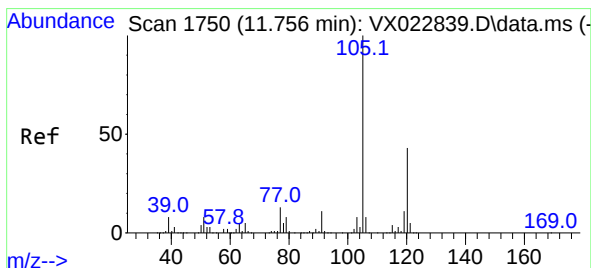
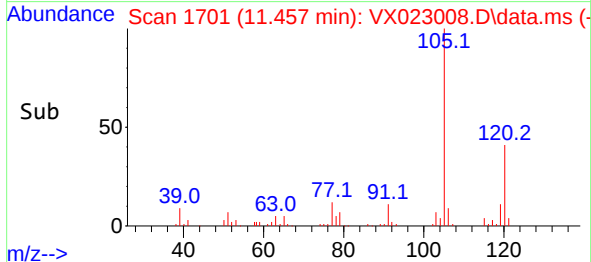
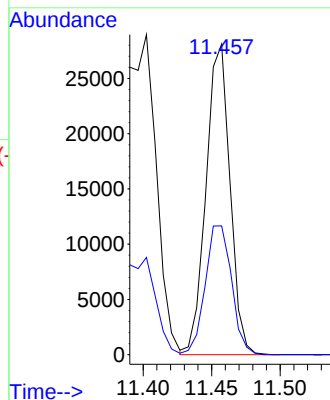
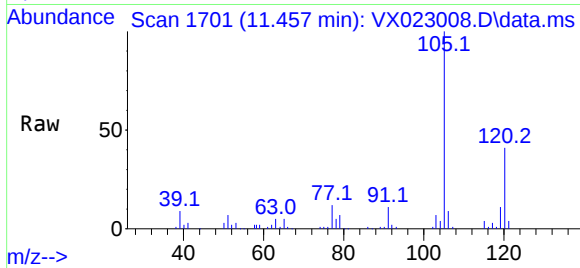
#80
1,3,5-Trimethylbenzene
Concen: 12.89 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023008.D
Acq: 29 Jun 2021 17:06

Tgt Ion:105 Resp: 34157
Ion Ratio Lower Upper
105 100
120 45.7 23.8 71.5

Instrument :
MSVOA_X
ClientSampled :
MW-2

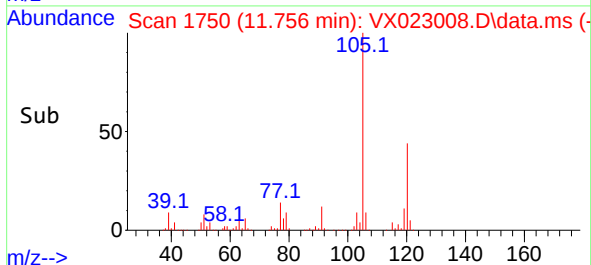
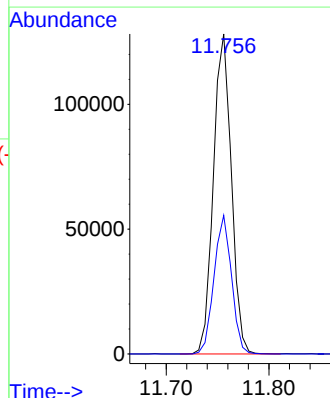
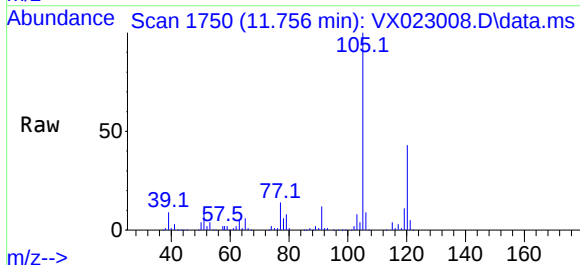
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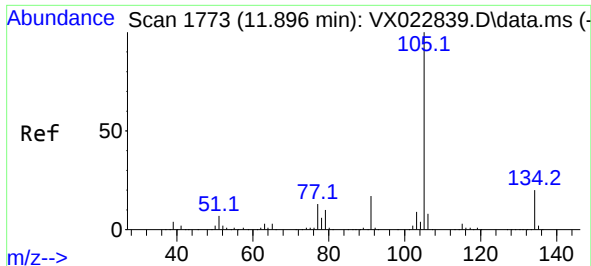
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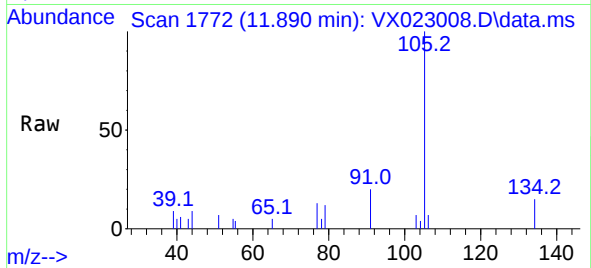
#84
1,2,4-Trimethylbenzene
Concen: 58.18 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX023008.D
Acq: 29 Jun 2021 17:06

Tgt Ion:105 Resp: 155151
Ion Ratio Lower Upper
105 100
120 42.2 22.4 67.3

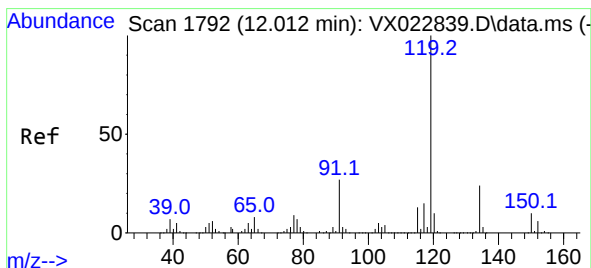
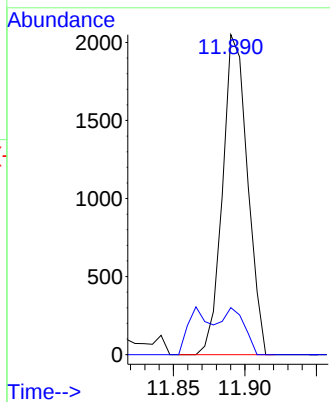
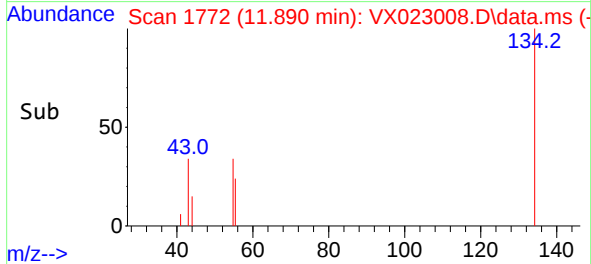




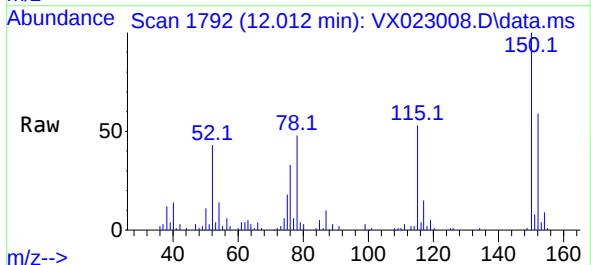
#85
 sec-Butylbenzene
 Concen: 0.73 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX023008.D
 Acq: 29 Jun 2021 17:06



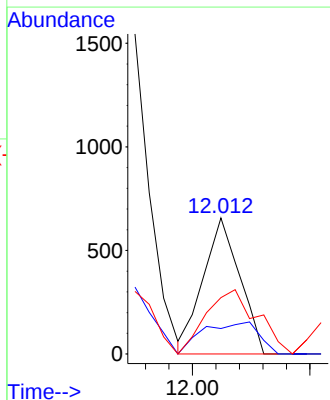
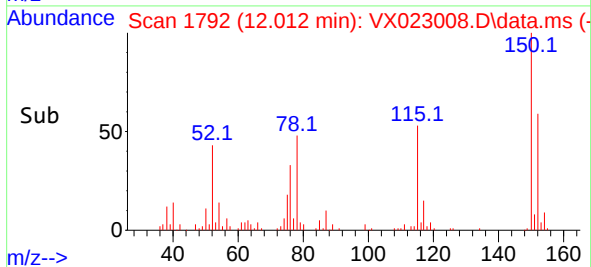
Tgt Ion:105 Resp: 2480
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 29.8#



#86
 p-Isopropyltoluene
 Concen: 0.27 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX023008.D
 Acq: 29 Jun 2021 17:06



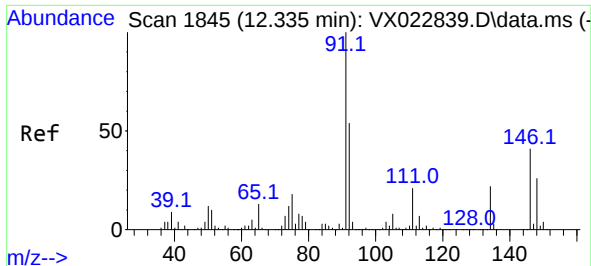
Tgt Ion:119 Resp: 713
 Ion Ratio Lower Upper
 119 100
 134 35.8 12.9 38.7
 91 0.0 11.7 35.0#



Instrument :
 MSVOA_X
 ClientSampled :
 MW-2

Manual Integrations
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#89
 n-Butylbenzene
 Concen: 2.28 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX023008.D
 Acq: 29 Jun 2021 17:06

Tgt Ion: 91 Resp: 5809

Ion	Ratio	Lower	Upper
91	100		
92	28.8	27.4	82.0
134	79.8	13.2	39.5#

Instrument :
 MSVOA_X
 ClientSampled :
 MW-2

Manual Integrations
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