

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023038.D
 Acq On : 30 Jun 2021 16:54
 Operator : JC/MD
 Sample : M2892-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8

Manual Integrations
 APPROVED

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Quant Time: Jul 01 03:27:05 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	5.568	168	55496	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.769	114	114133	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	99806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	53569	53.189	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.380%
35) Dibromofluoromethane	5.397	113	36667	50.591	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.180%
50) Toluene-d8	8.653	98	139751	49.199	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.400%
62) 4-Bromofluorobenzene	11.085	95	46695	44.047	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.100%
Target Compounds						
16) Acetone	2.392	43	2694	6.034	ug/l	Qvalue 97
17) Carbon Disulfide	2.513	76	2072	4.498	ug/l #	94
19) Methyl tert-butyl Ether	3.123	73	58406	22.622	ug/l	97
29) Tetrahydrofuran	5.037	42	1476m	3.305	ug/l	
40) Benzene	6.049	78	1351	0.386	ug/l #	52
52) Toluene	8.726	92	1097	0.519	ug/l	92
67) Ethyl Benzene	10.195	91	2658	0.687	ug/l #	84
68) m/p-Xylenes	10.305	106	981	0.683	ug/l	85
69) o-Xylene	10.646	106	542	0.387	ug/l	65
70) Styrene	10.664	104	1566	0.674	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1154	0.451	ug/l	95

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

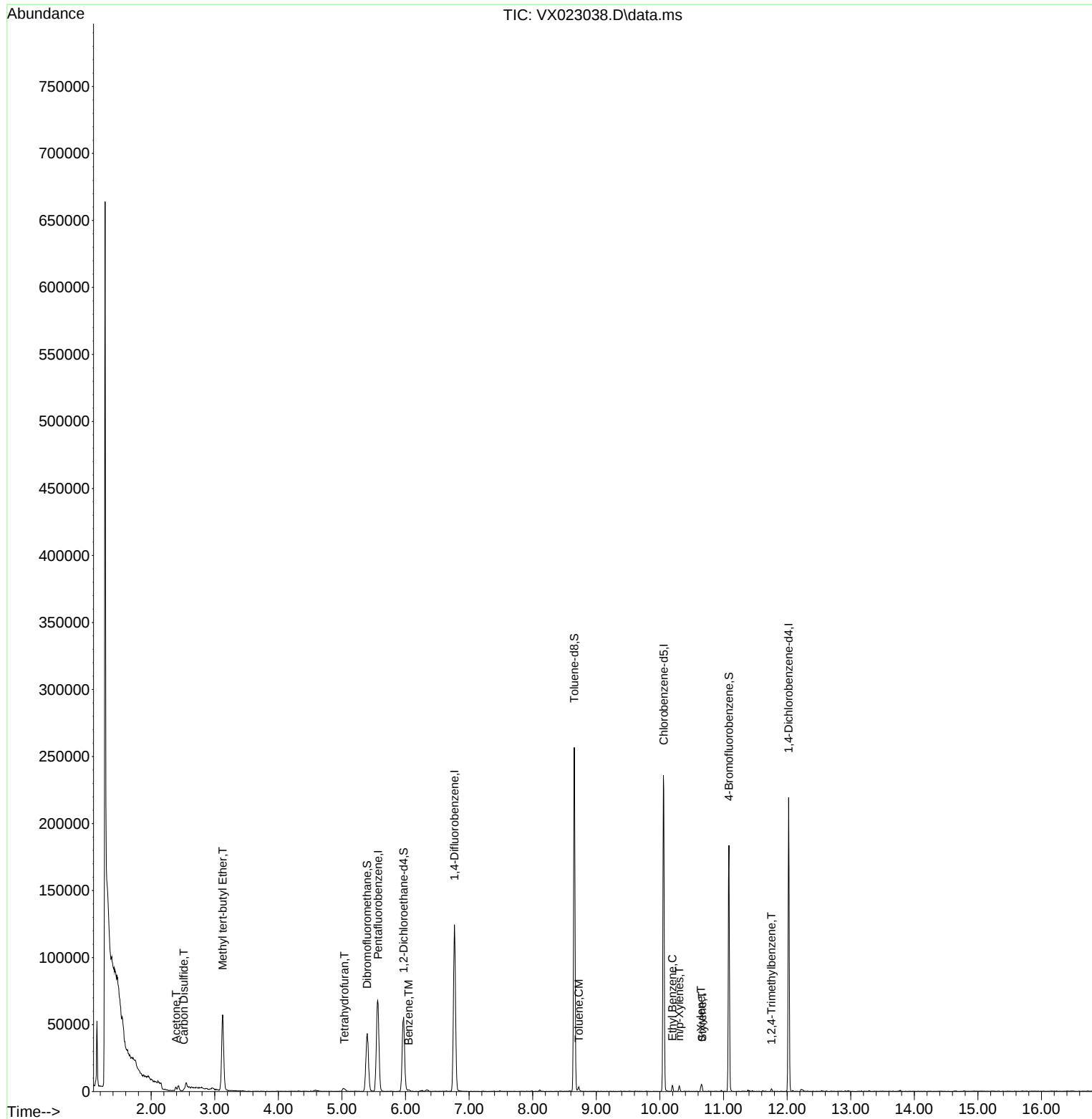
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Data File : VX023038.D
Acq On : 30 Jun 2021 16:54
Operator : JC/MD
Sample : M2892-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

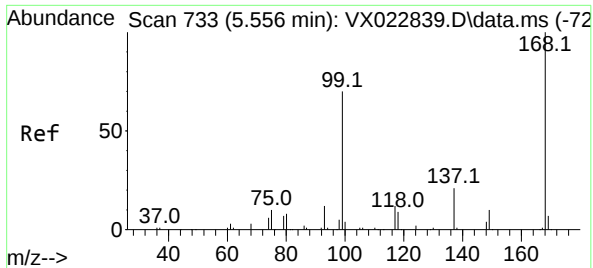
Instrument :
MSVOA_X
ClientSampleId :
MW-8

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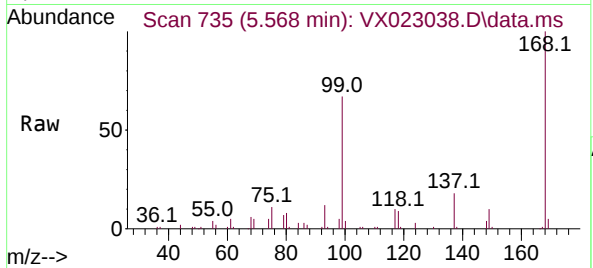
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Quant Time: Jul 01 03:27:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

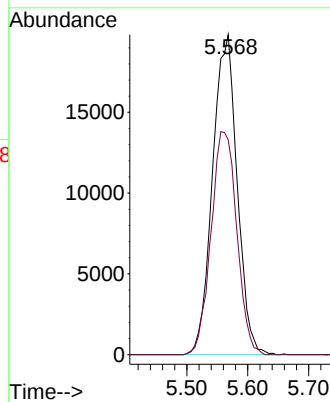
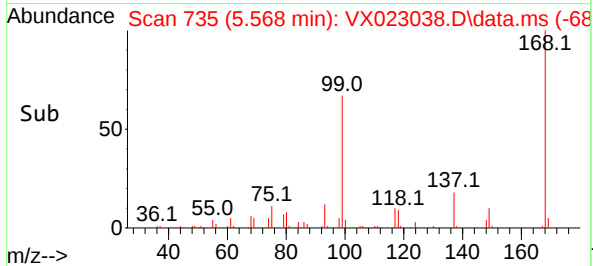




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.012 min
Lab File: VX023038.D
Acq: 30 Jun 2021 16:54



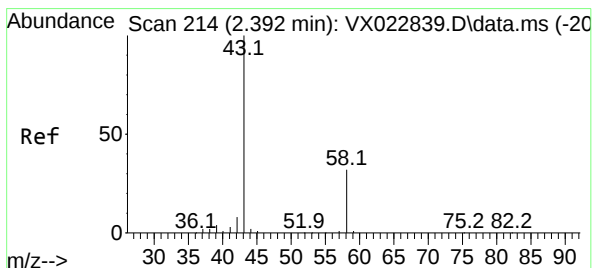
Tgt Ion: 168 Resp: 55496
Ion Ratio Lower Upper
168 100
99 67.1 45.8 68.6



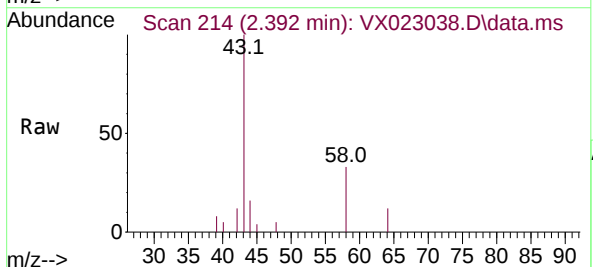
Instrument :
MSVOA_X
ClientSampled :
MW-8

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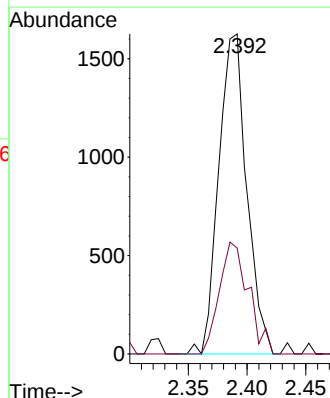
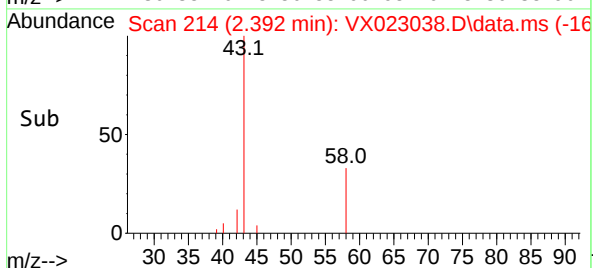
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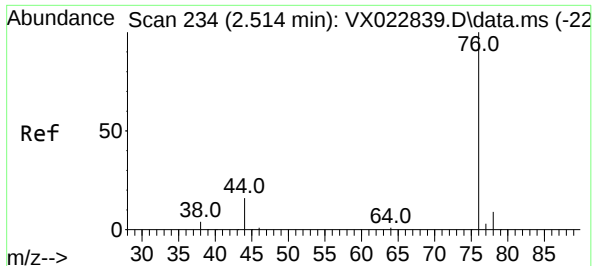


#16
Acetone
Concen: 6.034 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023038.D
Acq: 30 Jun 2021 16:54

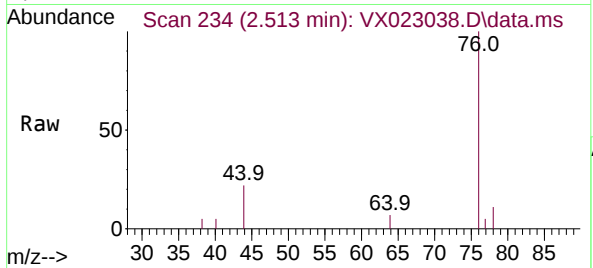


Tgt Ion: 43 Resp: 2694
Ion Ratio Lower Upper
43 100
58 33.1 27.8 41.8

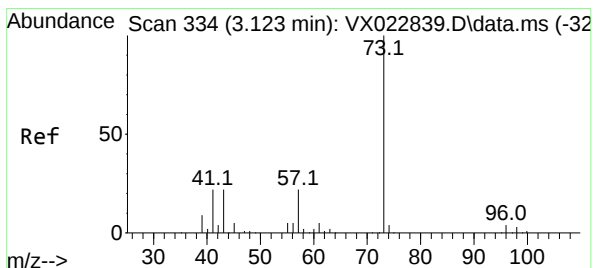
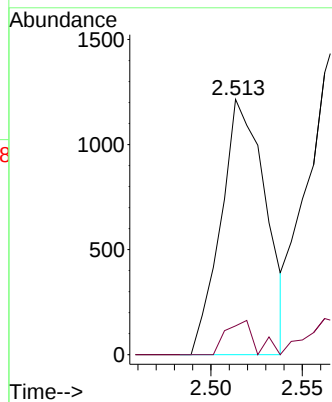
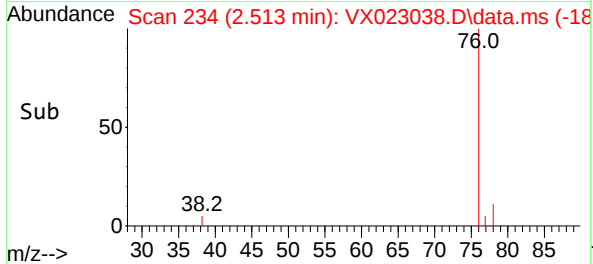




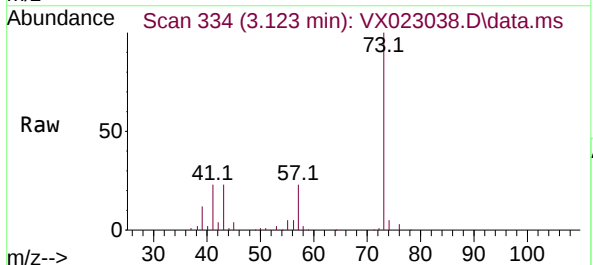
#17
Carbon Disulfide
Concen: 4.498 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.001 min
Lab File: VX023038.D
Acq: 30 Jun 2021 16:54



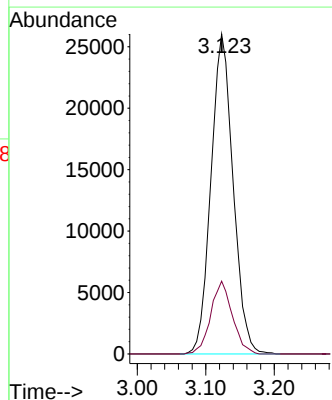
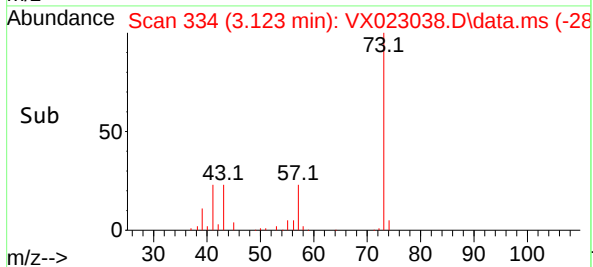
Tgt Ion: 76 Resp: 2072
Ion Ratio Lower Upper
76 100
78 11.3 7.2 10.8#



#19
Methyl tert-butyl Ether
Concen: 22.622 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023038.D
Acq: 30 Jun 2021 16:54



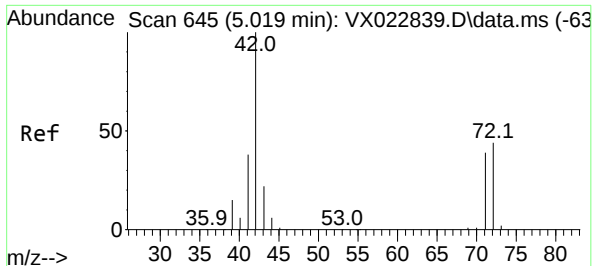
Tgt Ion: 73 Resp: 58406
Ion Ratio Lower Upper
73 100
57 22.7 17.1 25.7



Instrument :
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#29

Tetrahydrofuran

Concen: 3.305 ug/l m

RT: 5.037 min Scan# 648

Delta R.T. 0.018 min

Lab File: VX023038.D

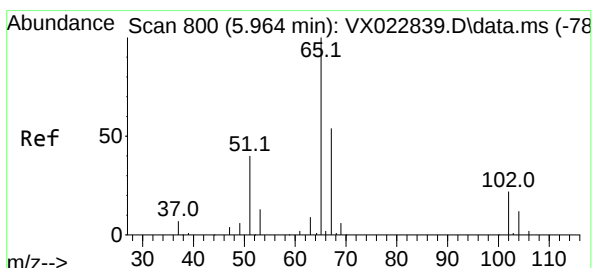
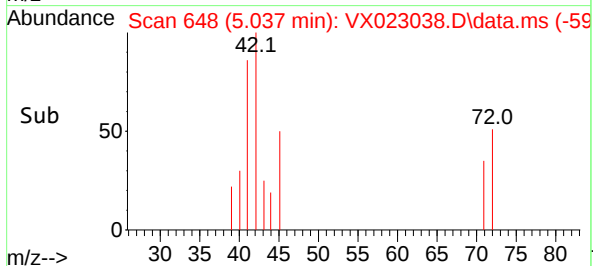
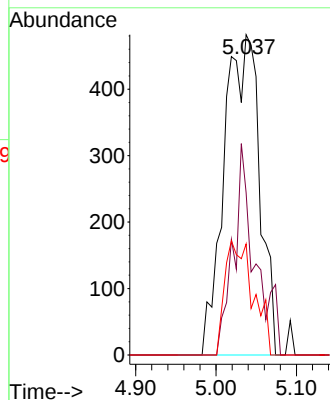
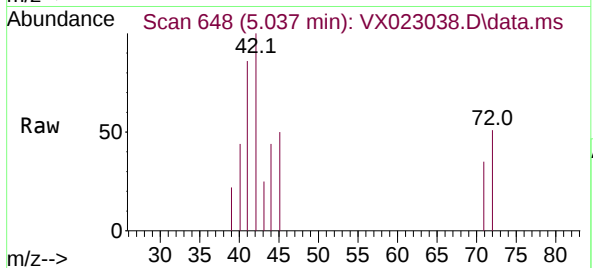
Acq: 30 Jun 2021 16:54

Tgt Ion:	42	Resp:	1476
Ion	Ratio	Lower	Upper
42	100		
72	40.7	41.7	62.5#
71	28.4	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :
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#33

1,2-Dichloroethane-d4

Concen: 53.189 ug/l

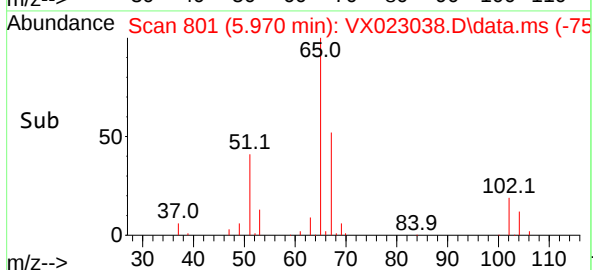
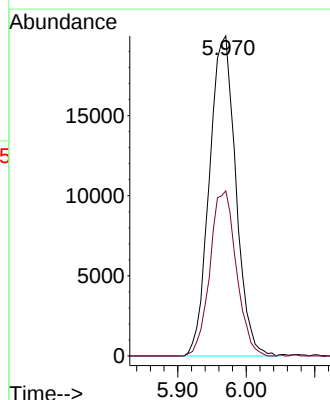
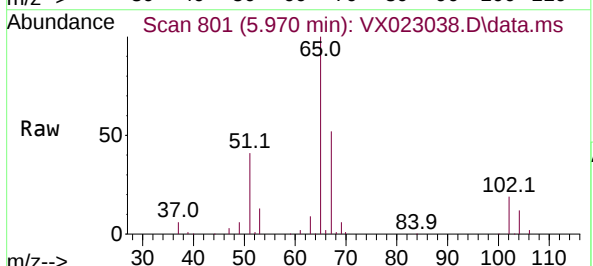
RT: 5.970 min Scan# 801

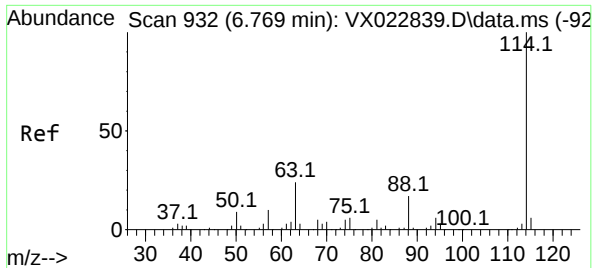
Delta R.T. 0.006 min

Lab File: VX023038.D

Acq: 30 Jun 2021 16:54

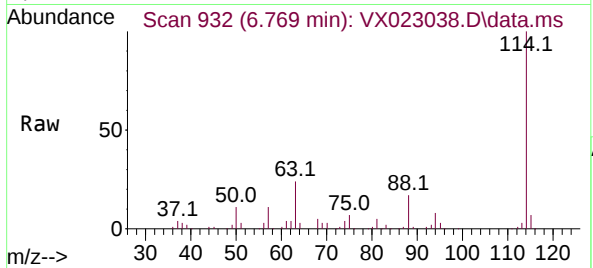
Tgt Ion:	65	Resp:	53569
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	105.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023038.D
Acq: 30 Jun 2021 16:54

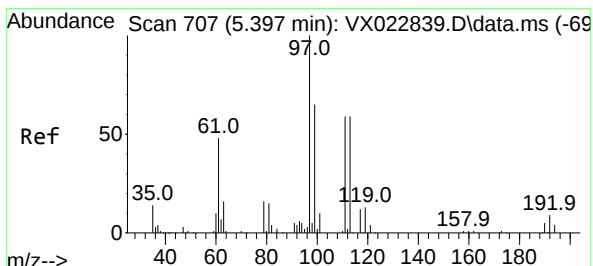
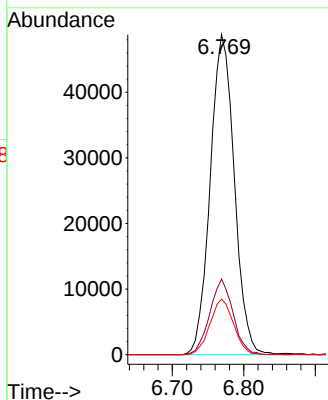
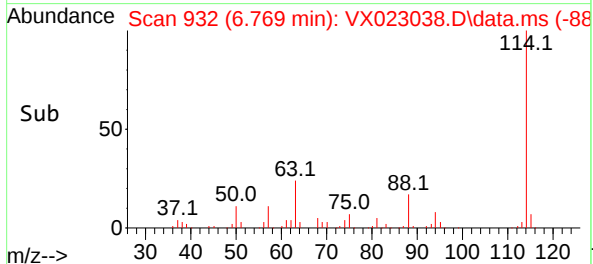
Instrument :
MSVOA_X
ClientSampled :
MW-8



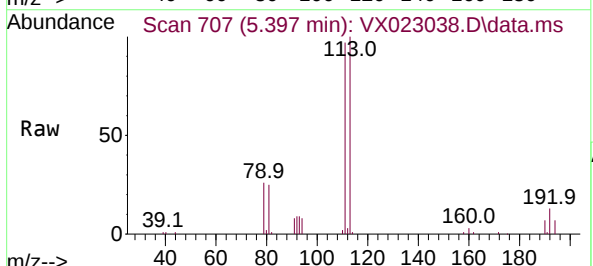
Tgt Ion:114 Resp: 114133
Ion Ratio Lower Upper
114 100
63 23.7 0.0 40.8
88 17.4 0.0 32.8

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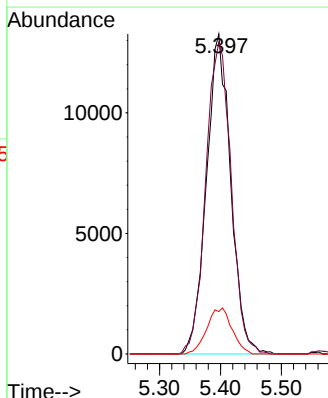
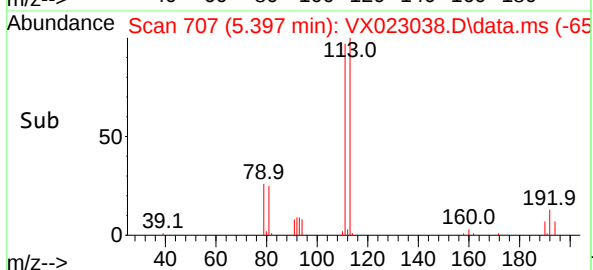
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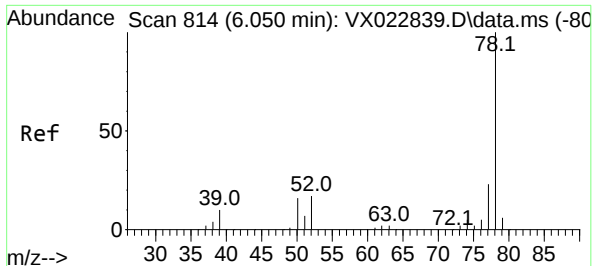


#35
Dibromofluoromethane
Concen: 50.591 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023038.D
Acq: 30 Jun 2021 16:54



Tgt Ion:113 Resp: 36667
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 14.9 16.7 25.1#





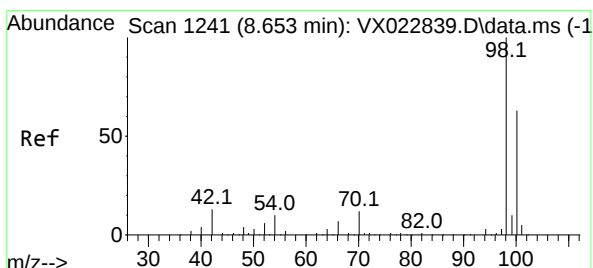
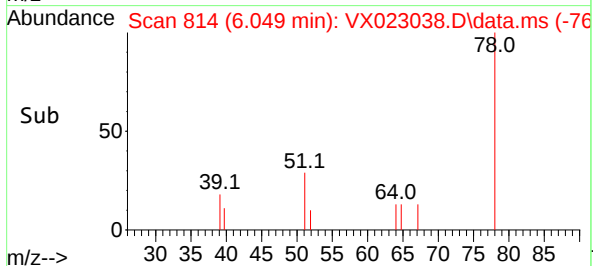
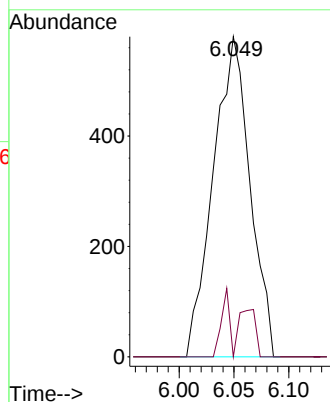
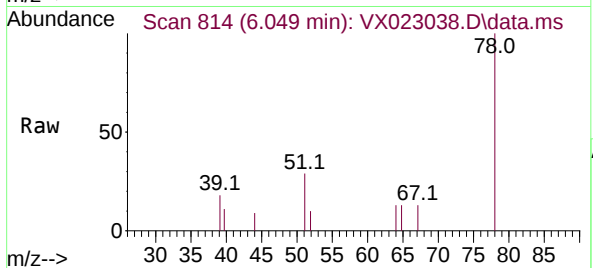
#40
Benzene
Concen: 0.386 ug/l
RT: 6.049 min Scan# 814
Delta R.T. -0.001 min
Lab File: VX023038.D
Acq: 30 Jun 2021 16:54

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 78 Resp: 1351
Ion Ratio Lower Upper
78 100
77 0.0 18.9 28.3#

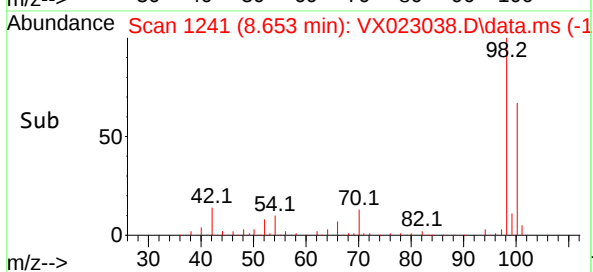
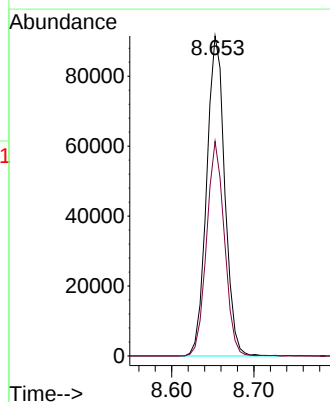
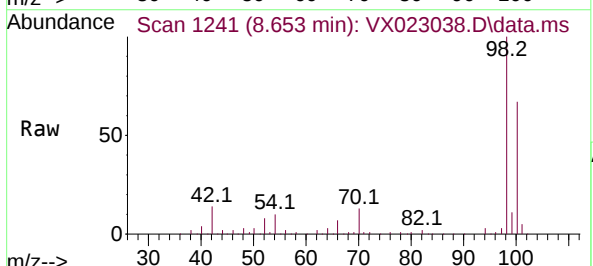
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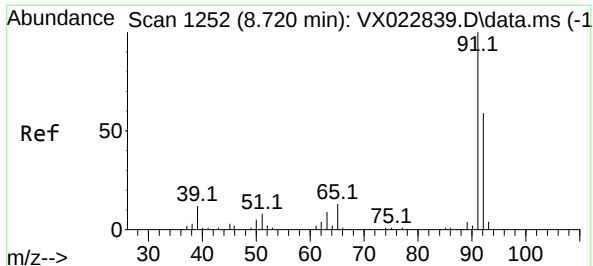
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#50
Toluene-d8
Concen: 49.199 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023038.D
Acq: 30 Jun 2021 16:54

Tgt Ion: 98 Resp: 139751
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9





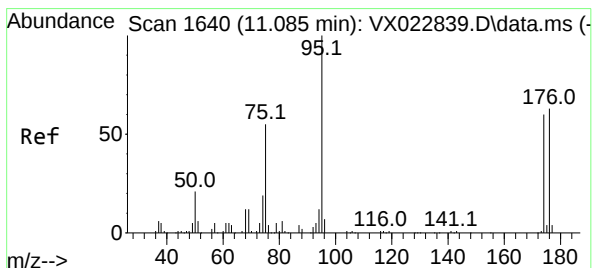
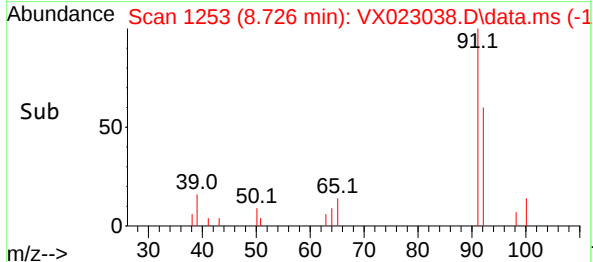
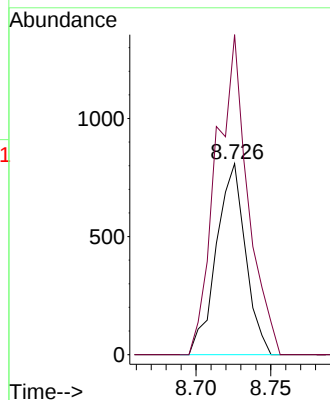
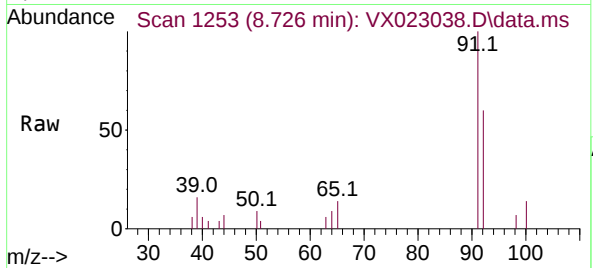
#52
Toluene
Concen: 0.519 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX023038.D
Acq: 30 Jun 2021 16:54

Instrument :
MSVOA_X
ClientSampled :
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Tgt Ion: 92 Resp: 1097
Ion Ratio Lower Upper
92 100
91 183.0 137.1 205.7

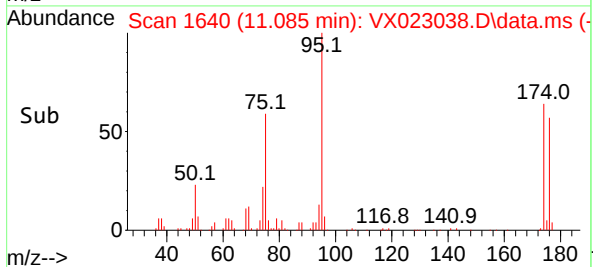
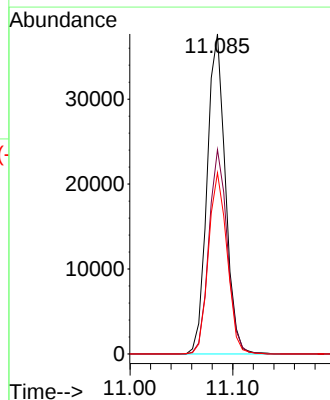
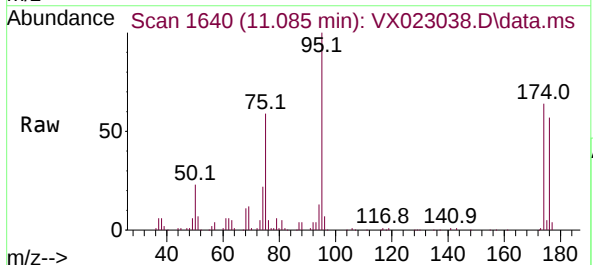
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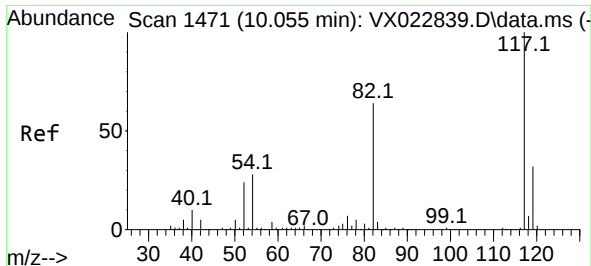
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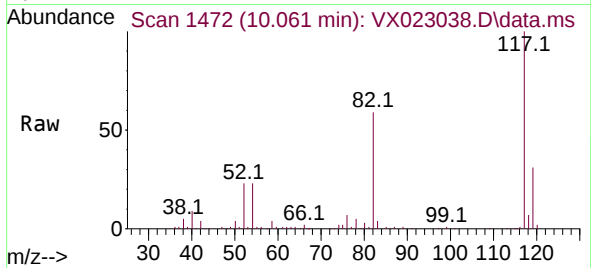
#62
4-Bromofluorobenzene
Concen: 44.047 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023038.D
Acq: 30 Jun 2021 16:54

Tgt Ion: 95 Resp: 46695
Ion Ratio Lower Upper
95 100
174 64.2 0.0 154.6
176 57.6 0.0 155.8

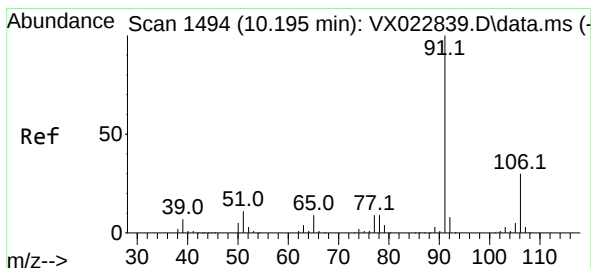
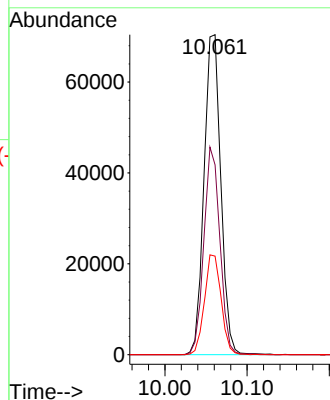
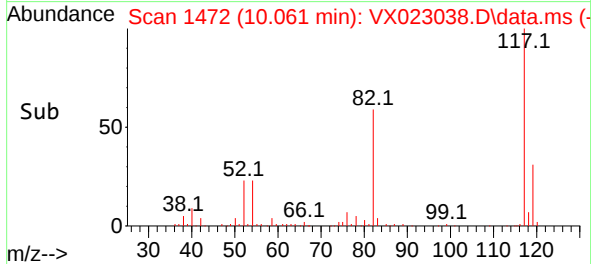




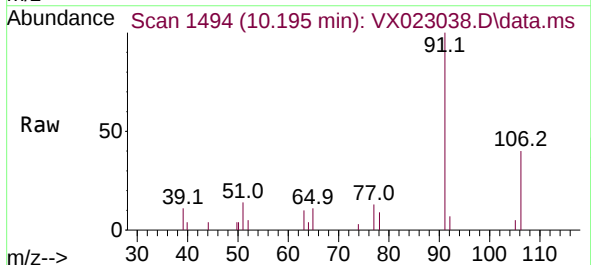
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023038.D
Acq: 30 Jun 2021 16:54



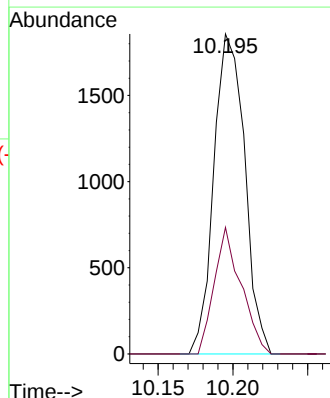
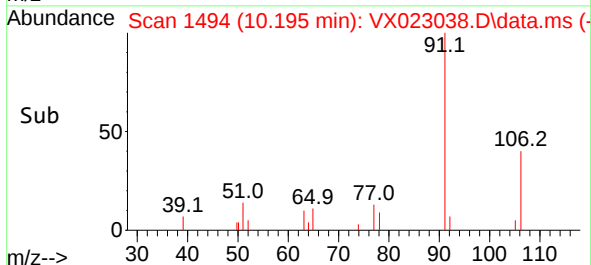
Tgt Ion: 117 Resp: 99806
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 30.8 26.6 39.8



#67
Ethyl Benzene
Concen: 0.687 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX023038.D
Acq: 30 Jun 2021 16:54



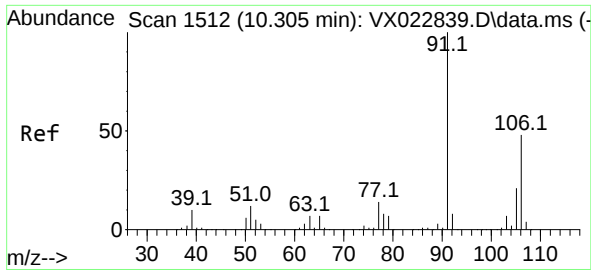
Tgt Ion: 91 Resp: 2658
Ion Ratio Lower Upper
91 100
106 39.5 24.6 37.0#



Instrument :
MSVOA_X
ClientSampled :
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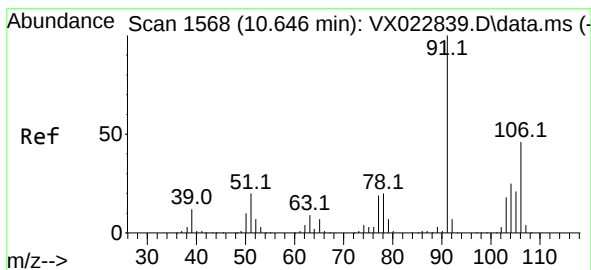
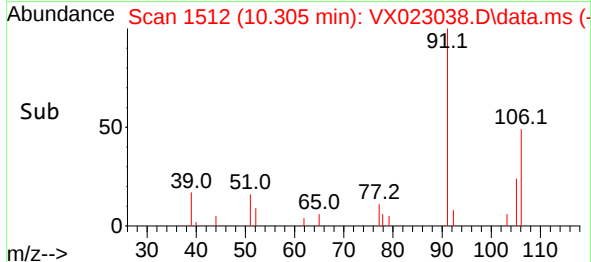
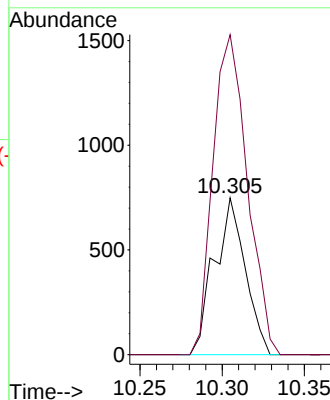
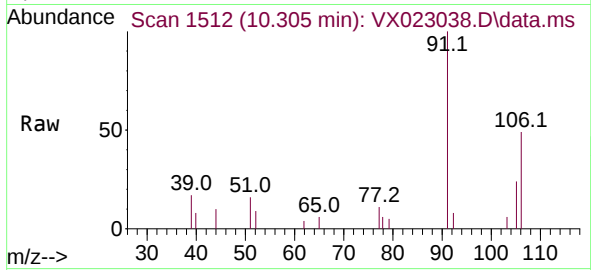
#68
m/p-Xylenes
Concen: 0.683 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX023038.D
Acq: 30 Jun 2021 16:54

Tgt Ion:106 Resp: 981
Ion Ratio Lower Upper
106 100
91 226.9 162.8 244.2

Instrument :
MSVOA_X
ClientSampled :
MW-8

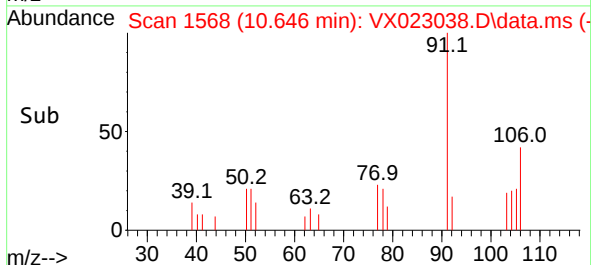
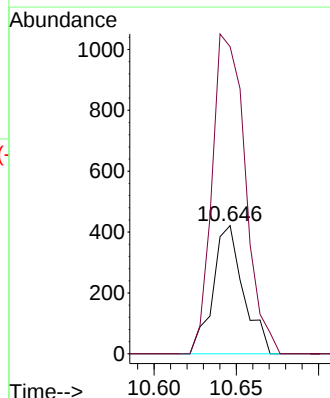
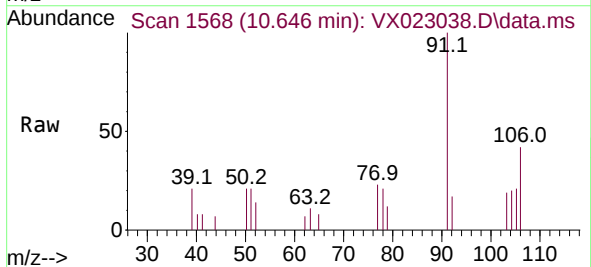
Manual Integrations
APPROVED

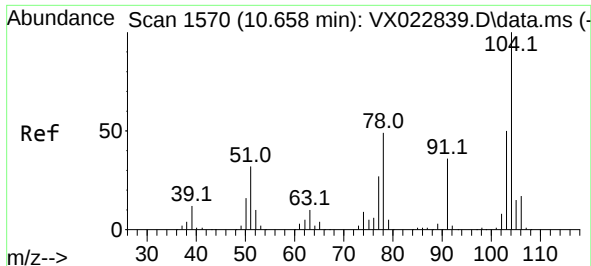
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#69
o-Xylene
Concen: 0.387 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023038.D
Acq: 30 Jun 2021 16:54

Tgt Ion:106 Resp: 542
Ion Ratio Lower Upper
106 100
91 272.0 108.1 324.2





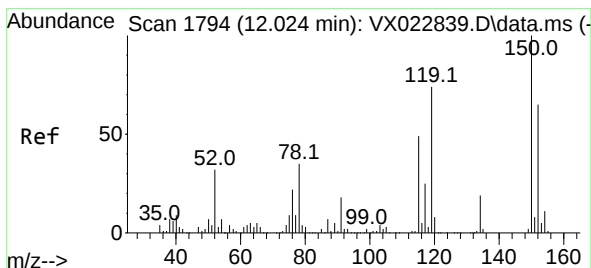
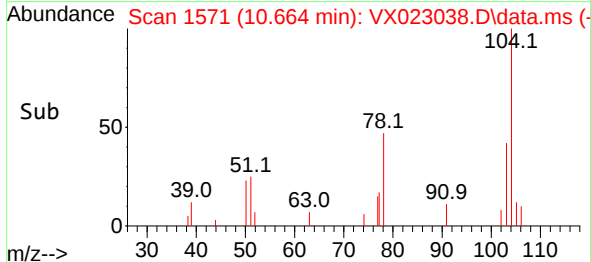
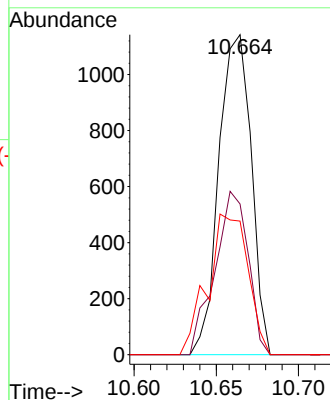
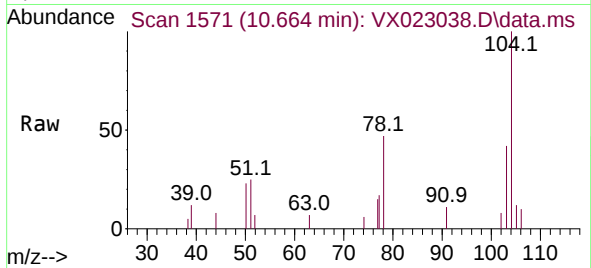
#70
Styrene
Concen: 0.674 ug/l
RT: 10.664 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX023038.D
Acq: 30 Jun 2021 16:54

Tgt Ion:104	Resp:	1566
Ion Ratio	Lower	Upper
104	100	
78	52.7	40.0 60.0
103	54.4	43.4 65.0

Instrument :
MSVOA_X
ClientSampled :
MW-8

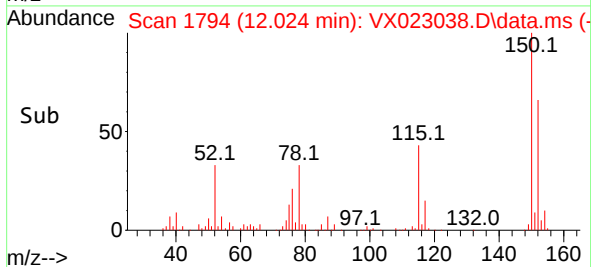
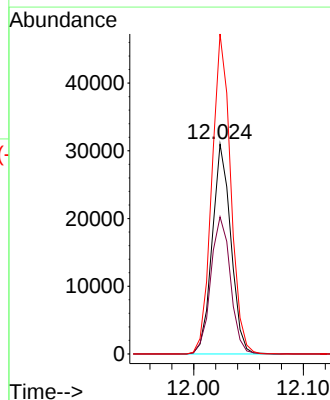
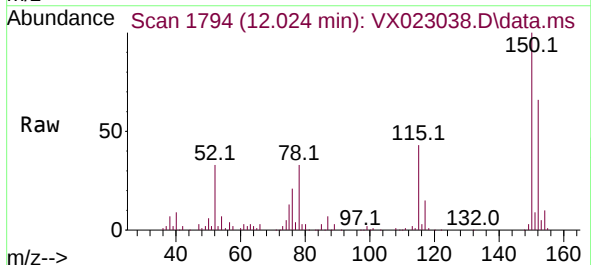
Manual Integrations
APPROVED

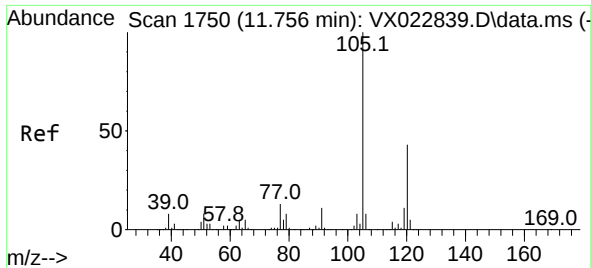
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023038.D
Acq: 30 Jun 2021 16:54

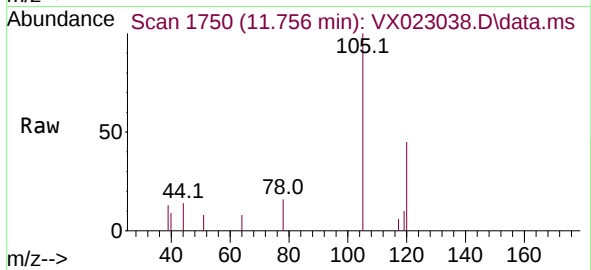
Tgt Ion:152	Resp:	36579
Ion Ratio	Lower	Upper
152	100	
115	69.0	41.1 123.3
150	153.8	0.0 349.0





#84
 1,2,4-Trimethylbenzene
 Concen: 0.451 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX023038.D
 Acq: 30 Jun 2021 16:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8



Tgt Ion:105 Resp: 1154
 Ion Ratio Lower Upper
 105 100
 120 41.3 22.4 67.3

Manual Integrations
 APPROVED

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