

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023683.D
 Acq On : 14 Jul 2022 07:10
 Operator : SY/VA
 Sample : N3698-03
 Misc : 6.79g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5B68

Quant Time: Jul 14 07:58:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 14 04:56:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	229250	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	197896	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	70937	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	102559	17.516	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.080%
7) Chloroethane-d5	2.879	69	84533	21.641	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.560%
11) 1,1-Dichloroethene-d2	4.013	63	60684	12.728	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.920%
21) 2-Butanone-d5	7.080	46	43821	48.250	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.500%
24) Chloroform-d	7.647	84	146619	21.967	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.880%
26) 1,2-Dichloroethane-d4	8.305	65	89923	22.028	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.120%
32) Benzene-d6	8.275	84	284254	27.632	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.520%
36) 1,2-Dichloropropane-d6	9.274	67	90642	29.251	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.000%
41) Toluene-d8	10.323	98	265091	25.405	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	10.573	79	29756	20.486	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.960%
47) 2-Hexanone-d5	10.920	63	33617	51.592	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.180%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	78059	22.795	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	67510	26.660	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.640%
Target Compounds						Qvalue
5) Vinyl chloride	2.355	62	413340	63.094	ug/L	98
13) Acetone	4.123	43	13752	21.417	ug/L	82
16) Methylene chloride	4.915	84	13783	3.845	ug/L	95
17) trans-1,2-Dichloroethene	5.415	96	16821	5.705	ug/L	93
18) Methyl tert-butyl Ether	5.434	73	13383	2.934	ug/L #	1
20) cis-1,2-Dichloroethene	7.165	96	411864	126.087	ug/L #	97
22) 2-Butanone	7.177	43	5525	5.236	ug/L #	1
29) Cyclohexane	7.951	56	57364	15.849	ug/L	85
33) Benzene	8.323	78	108481	9.646	ug/L	100
34) Trichloroethene	9.091	95	19347	6.515	ug/L	96
35) Methylcyclohexane	9.335	83	93302	20.633	ug/L #	88
39) cis-1,3-Dichloropropene	10.030	75	3292	0.775	ug/L #	52
42) Toluene	10.384	91	28787	2.245	ug/L	95
45) 1,1,2-Trichloroethane	10.756	97	7898	3.204	ug/L #	25
60) Isopropylbenzene	13.103	105	6003	0.630	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.200	75	1220	3.401	ug/L #	13

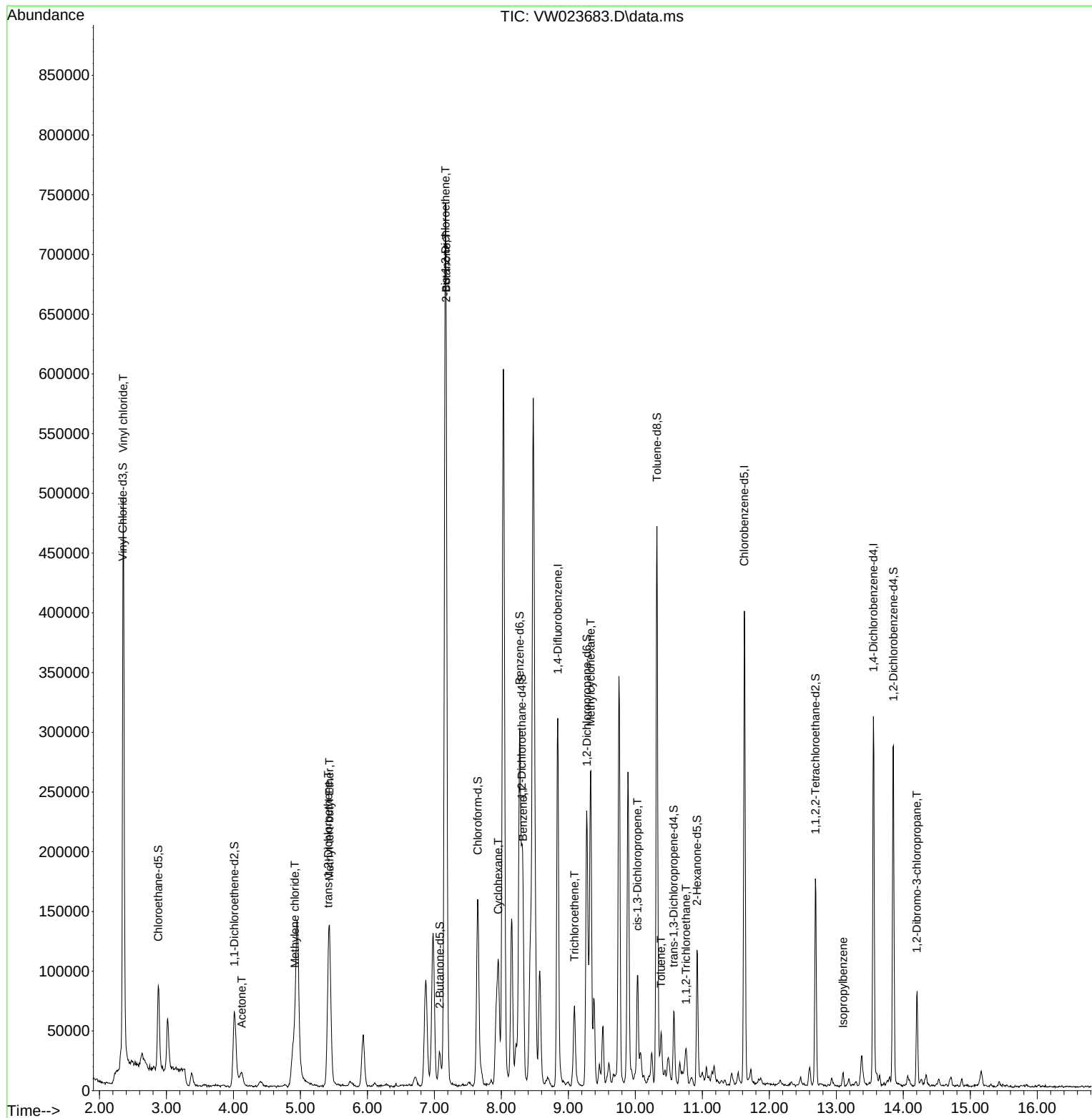
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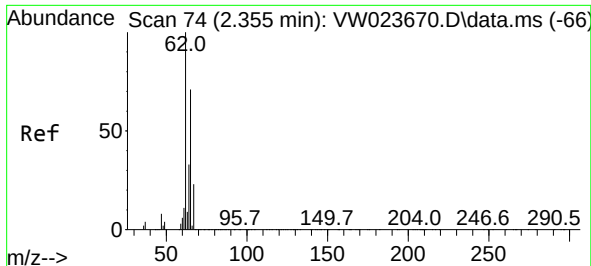
Instrument :
MSVOA_W
ClientSampleId :
F5B68

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Quant Title : SFAM01.0
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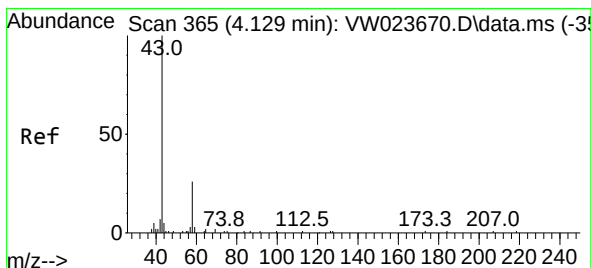
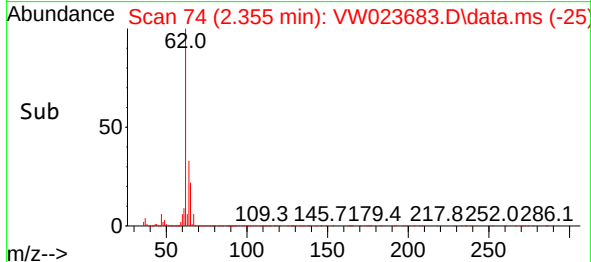
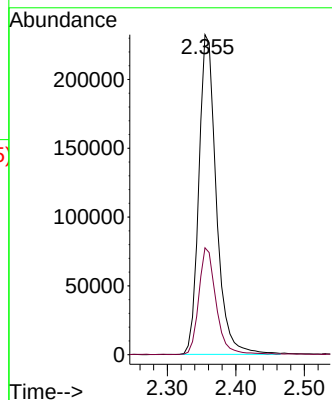
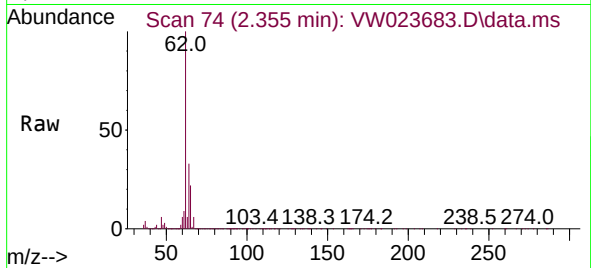




#5
 Vinyl chloride
 Concen: 63.094 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW023683.D
 Acq: 14 Jul 2022 07:10

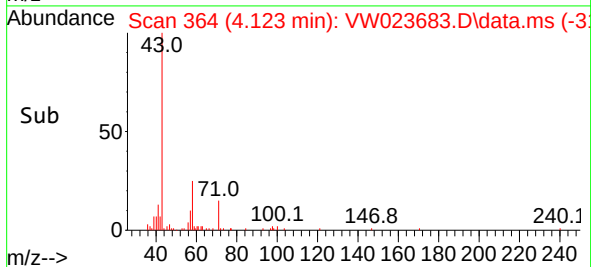
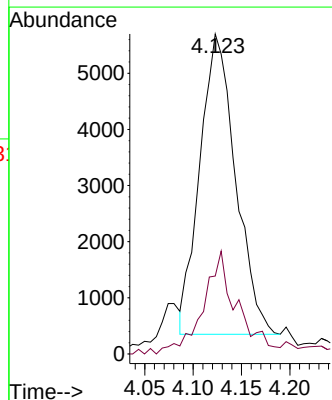
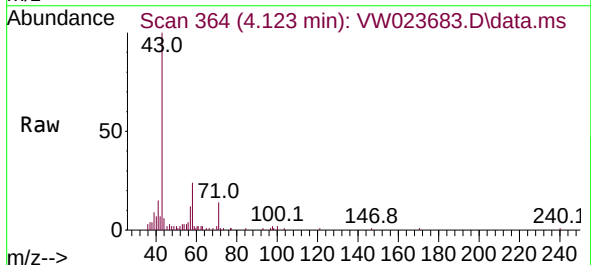
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 ClientSampleId :
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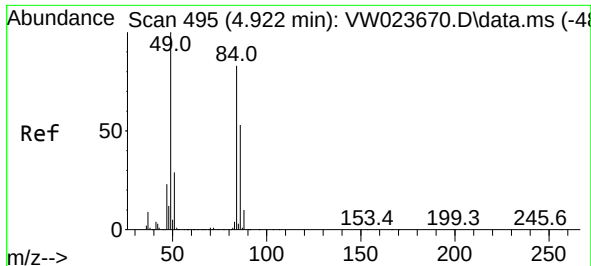
Tgt Ion: 62 Resp: 413340
 Ion Ratio Lower Upper
 62 100
 64 33.4 24.0 44.6



#13
 Acetone
 Concen: 21.417 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. -0.006 min
 Lab File: VW023683.D
 Acq: 14 Jul 2022 07:10

Tgt Ion: 43 Resp: 13752
 Ion Ratio Lower Upper
 43 100
 58 21.8 0.0 64.2

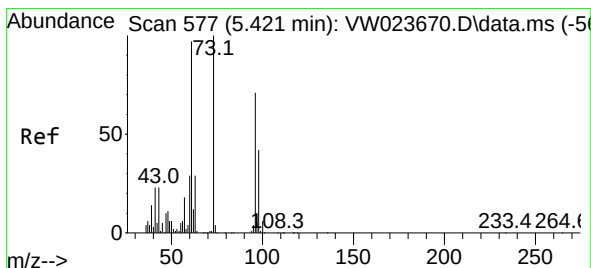
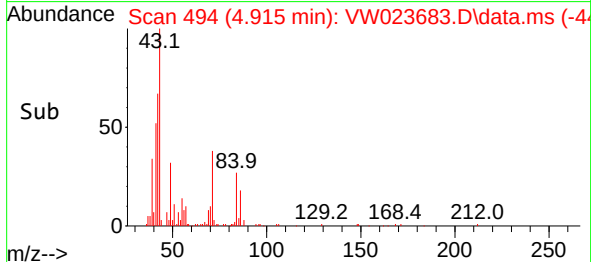
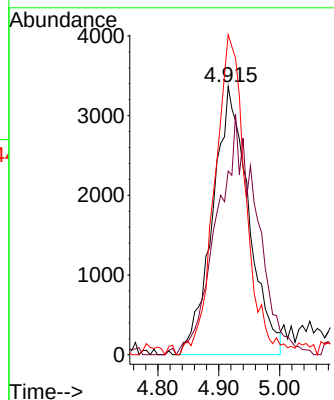
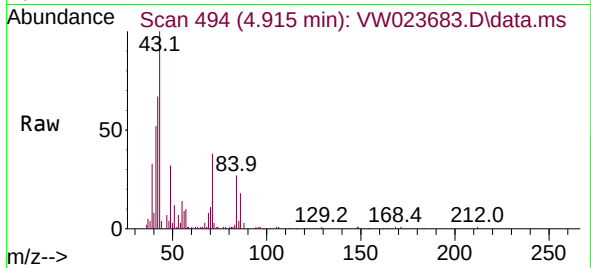




#16
Methylene chloride
Concen: 3.845 ug/L
RT: 4.915 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW023683.D
Acq: 14 Jul 2022 07:10

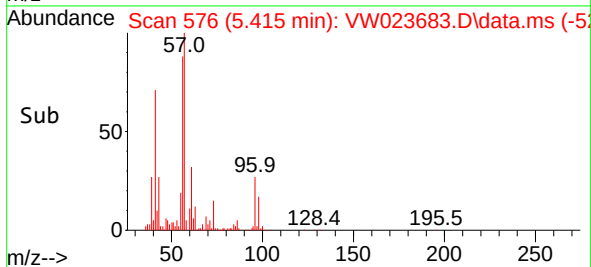
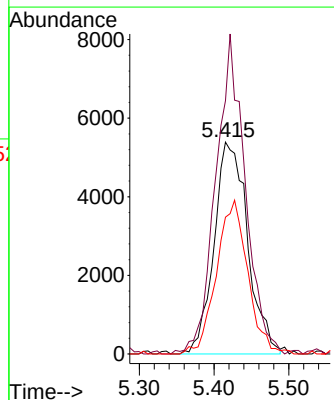
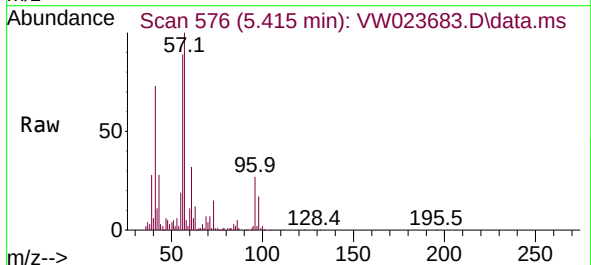
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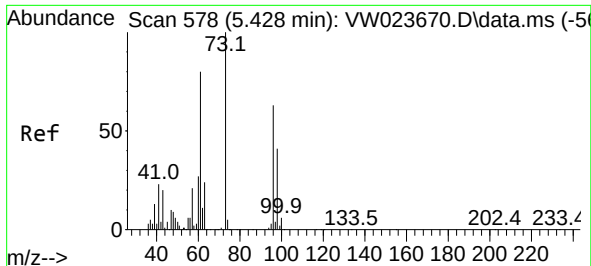
Tgt Ion: 84 Resp: 13783
Ion Ratio Lower Upper
84 100
86 68.5 42.8 79.6
49 119.4 85.4 158.6



#17
trans-1,2-Dichloroethene
Concen: 5.705 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW023683.D
Acq: 14 Jul 2022 07:10

Tgt Ion: 96 Resp: 16821
Ion Ratio Lower Upper
96 100
61 119.6 90.8 168.6
98 64.6 42.8 79.6

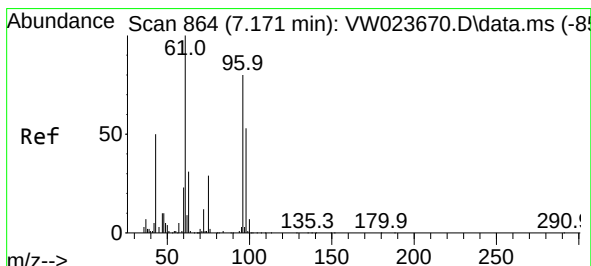
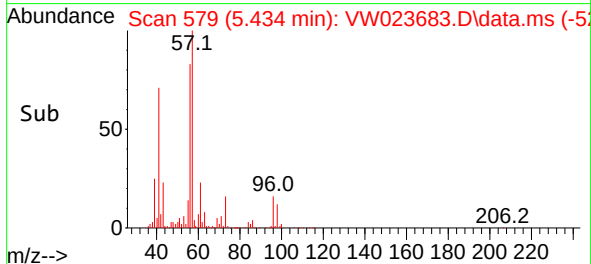
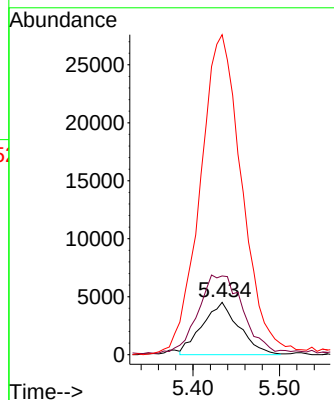
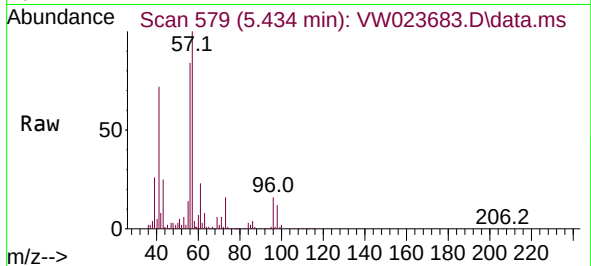




#18
Methyl tert-butyl Ether
Concen: 2.934 ug/L
RT: 5.434 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW023683.D
Acq: 14 Jul 2022 07:10

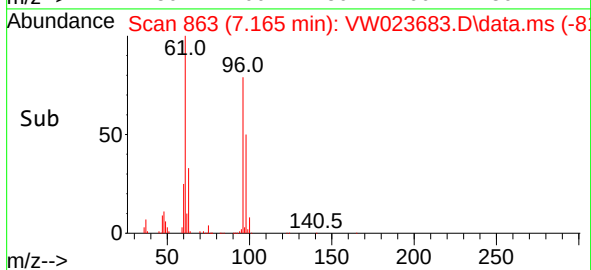
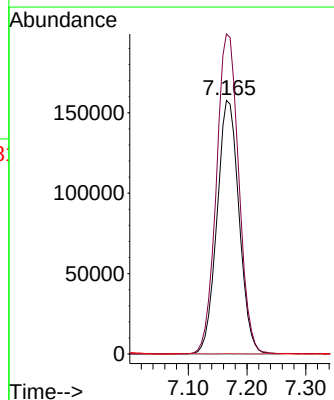
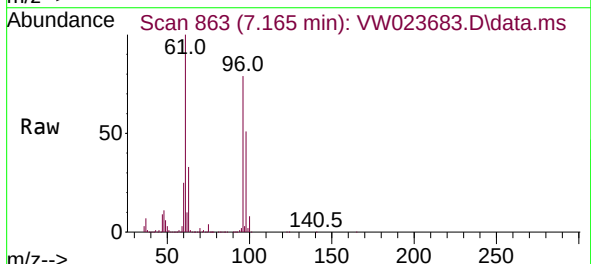
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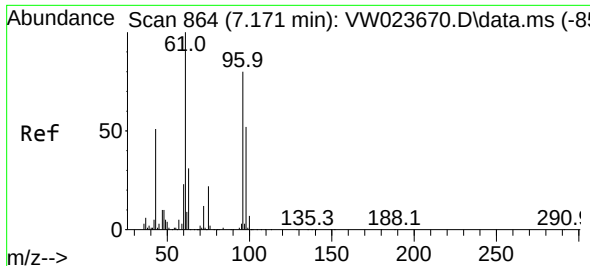
Tgt Ion: 73 Resp: 13383
Ion Ratio Lower Upper
73 100
43 84.2 17.6 26.4#
57 695.5 16.8 25.2#



#20
cis-1,2-Dichloroethene
Concen: 126.087 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW023683.D
Acq: 14 Jul 2022 07:10

Tgt Ion: 96 Resp: 411864
Ion Ratio Lower Upper
96 100
61 126.2 90.6 168.2
68 0.0 0.2 0.4#

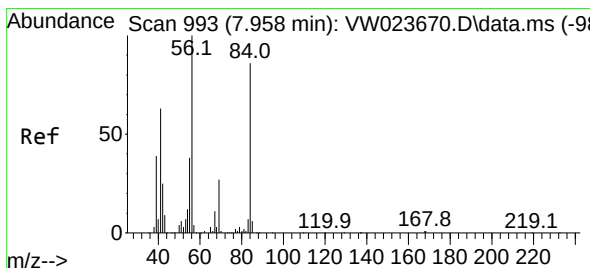
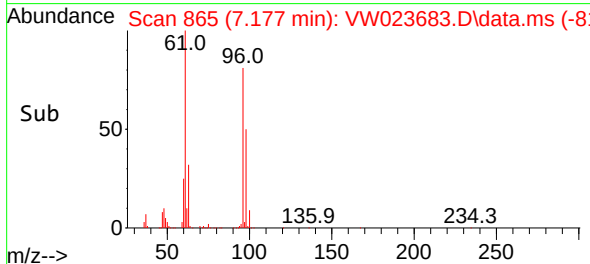
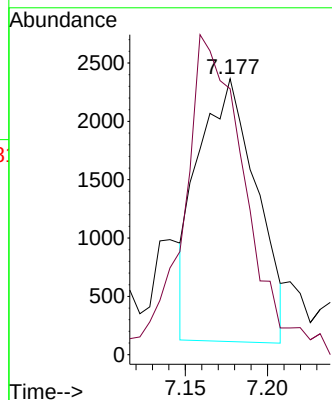
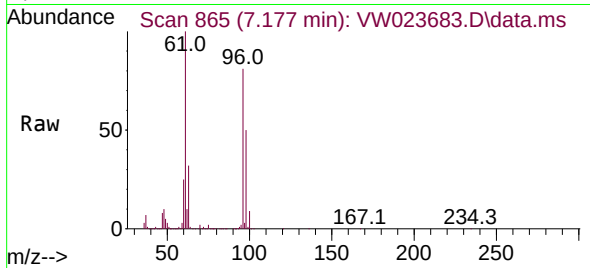




#22
2-Butanone
Concen: 5.236 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023683.D
Acq: 14 Jul 2022 07:10

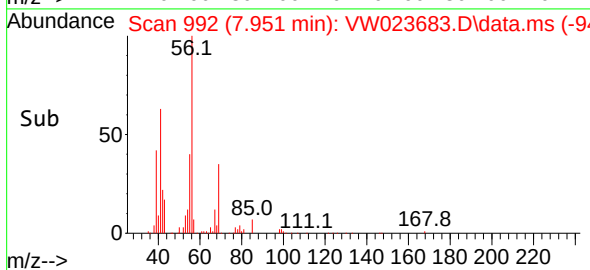
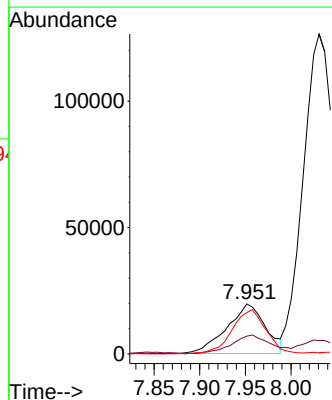
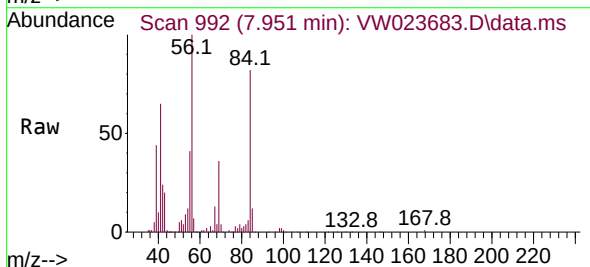
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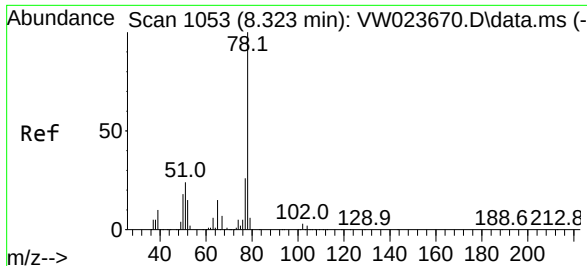
Tgt Ion: 43 Resp: 5525
Ion Ratio Lower Upper
43 100
72 125.2 14.7 44.1#



#29
Cyclohexane
Concen: 15.849 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW023683.D
Acq: 14 Jul 2022 07:10

Tgt Ion: 56 Resp: 57364
Ion Ratio Lower Upper
56 100
69 37.9 25.4 38.0
84 78.3 75.0 112.4

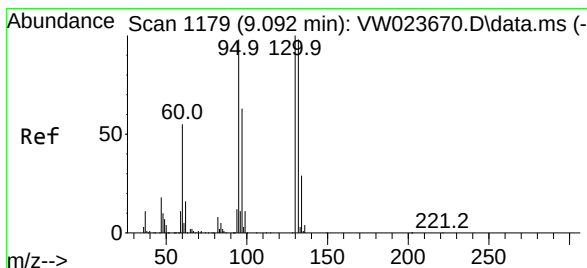
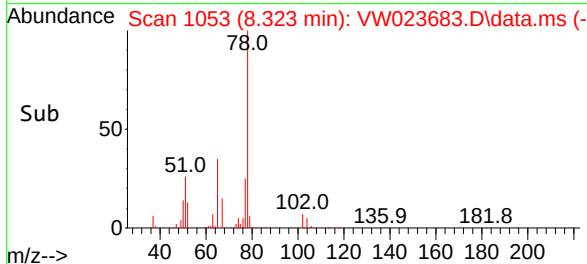
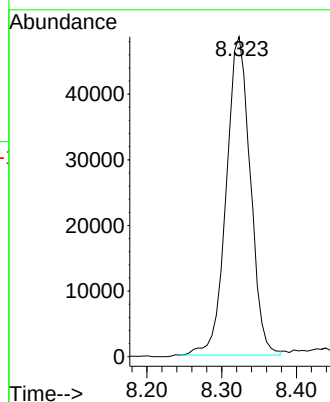
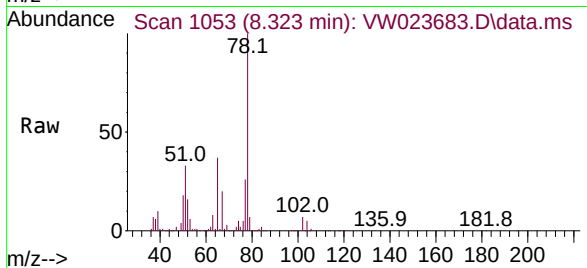




#33
Benzene
Concen: 9.646 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023683.D
Acq: 14 Jul 2022 07:10

Instrument : MSVOA_W
ClientSampleId : F5B68

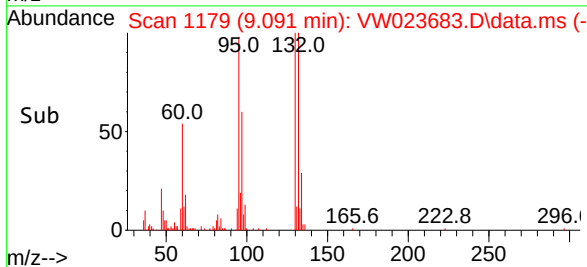
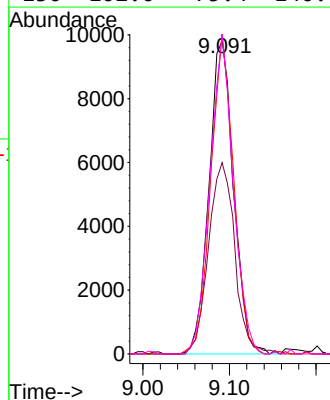
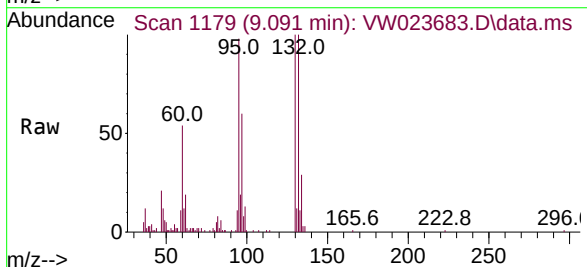
Tgt Ion: 78 Resp: 108481

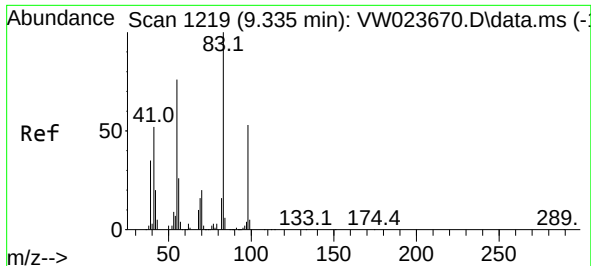


#34
Trichloroethene
Concen: 6.515 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023683.D
Acq: 14 Jul 2022 07:10

Tgt Ion: 95 Resp: 19347

Ion	Ratio	Lower	Upper
95	100		
97	61.1	45.6	84.8
132	102.2	69.9	129.7
130	102.0	75.4	140.0

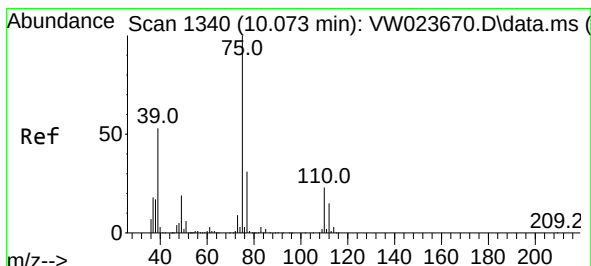
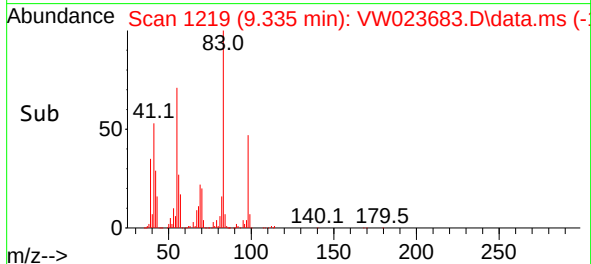
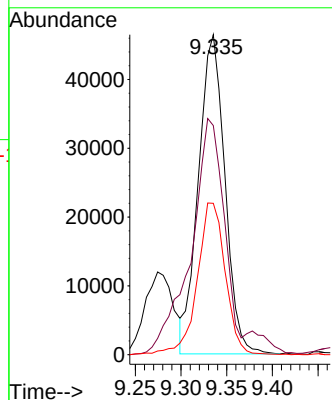
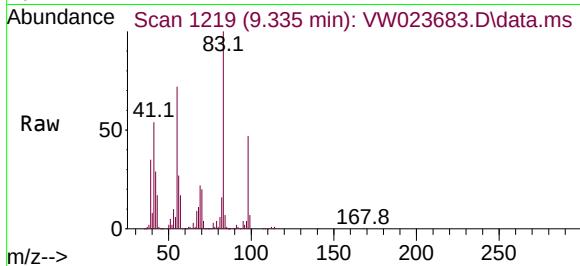




#35
Methylcyclohexane
Concen: 20.633 ug/L
RT: 9.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023683.D
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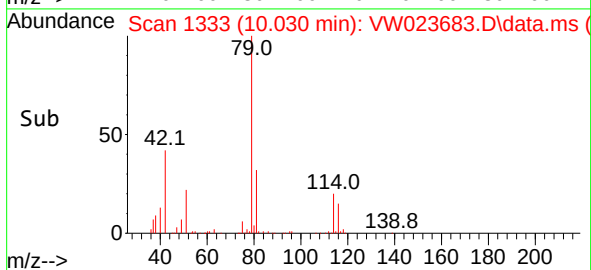
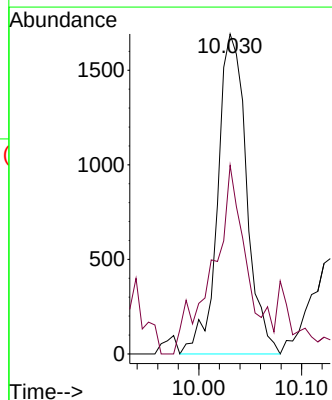
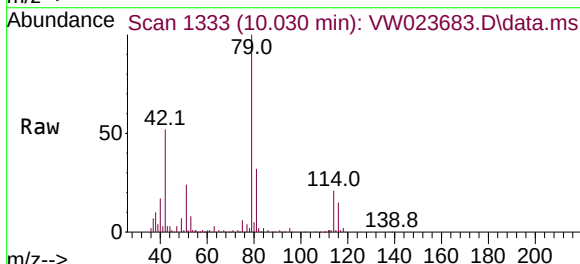
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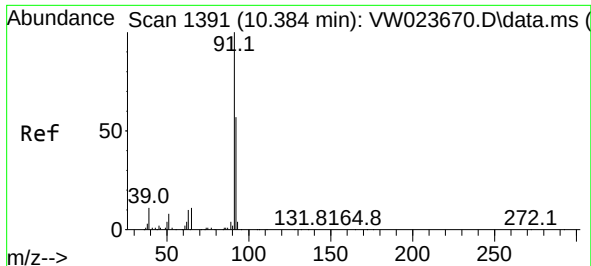
Tgt Ion: 83 Resp: 93302
Ion Ratio Lower Upper
83 100
55 92.7 60.8 91.2#
98 50.6 39.5 59.3



#39
cis-1,3-Dichloropropene
Concen: 0.775 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW023683.D
Acq: 14 Jul 2022 07:10

Tgt Ion: 75 Resp: 3292
Ion Ratio Lower Upper
75 100
77 58.9 22.5 41.9#

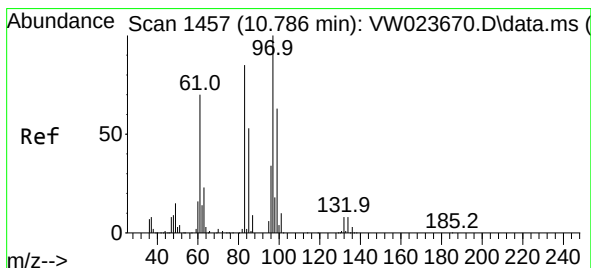
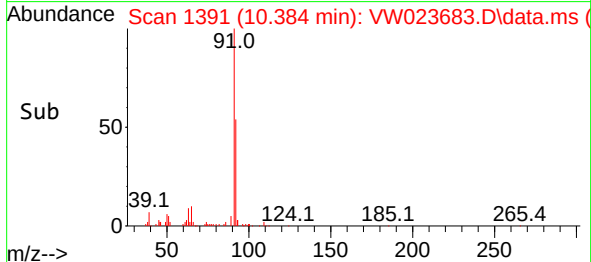
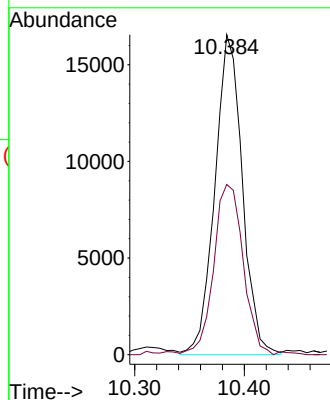
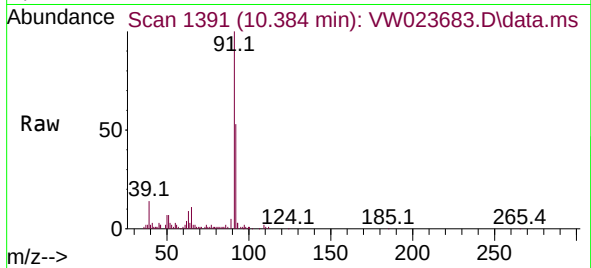




#42
Toluene
Concen: 2.245 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023683.D
Acq: 14 Jul 2022 07:10

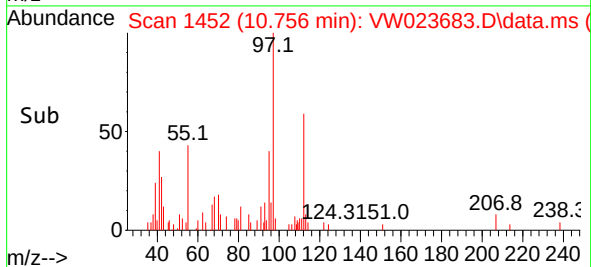
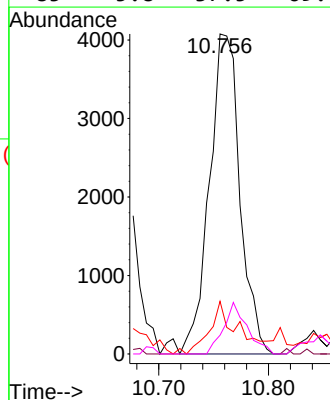
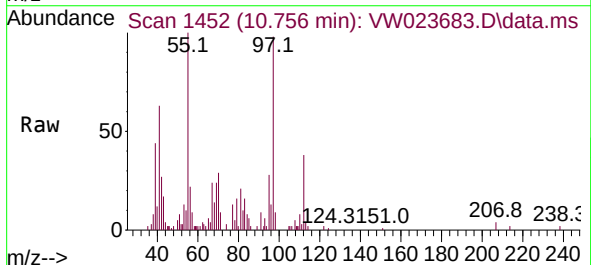
Instrument :
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ClientSampleId :
F5B68

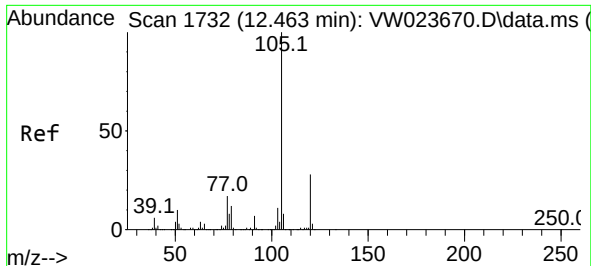
Tgt Ion: 91 Resp: 28787
Ion Ratio Lower Upper
91 100
92 53.2 39.9 74.1



#45
1,1,2-Trichloroethane
Concen: 3.204 ug/L
RT: 10.756 min Scan# 1452
Delta R.T. -0.031 min
Lab File: VW023683.D
Acq: 14 Jul 2022 07:10

Tgt Ion: 97 Resp: 7898
Ion Ratio Lower Upper
97 100
99 0.0 44.2 82.2#
83 16.5 59.8 111.0#
85 5.8 37.5 69.6#

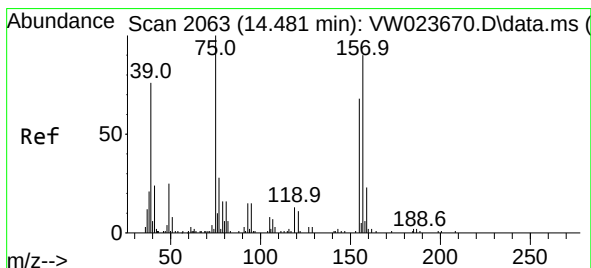
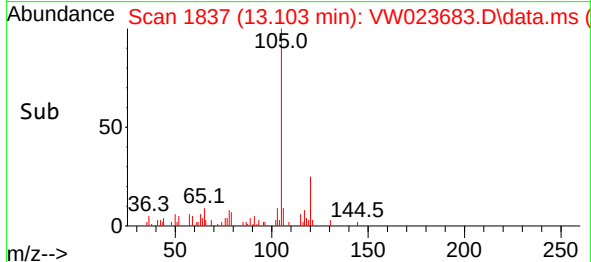
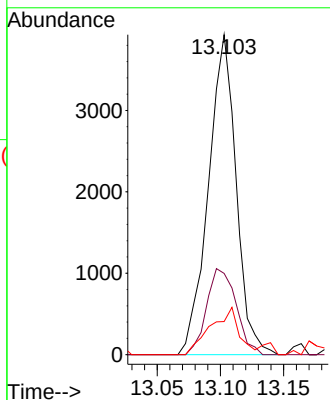
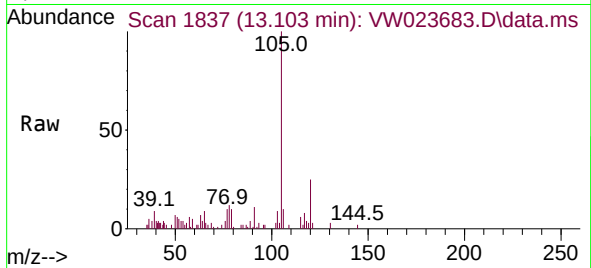




#60
Isopropylbenzene
Concen: 0.630 ug/L
RT: 13.103 min Scan# 11
Delta R.T. 0.640 min
Lab File: VW023683.D
Acq: 14 Jul 2022 07:10

Instrument :
MSVOA_W
ClientSampleId :
F5B68

Tgt Ion:	105	Resp:	6003
Ion Ratio	Lower	Upper	
105	100		
120	28.5	20.7	31.1
77	15.0	13.2	19.8



#68
1,2-Dibromo-3-chloropropane
Concen: 3.401 ug/L
RT: 14.200 min Scan# 2017
Delta R.T. -0.280 min
Lab File: VW023683.D
Acq: 14 Jul 2022 07:10

Tgt Ion:	75	Resp:	1220
Ion Ratio	Lower	Upper	
75	100		
155	0.0	51.7	77.5#
157	0.0	63.5	95.3#

