

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
 Data File : VW018707.D
 Acq On : 21 Apr 2021 13:10
 Operator : SY/VA
 Sample : M2065-11RE
 Misc : 3.89G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 01:22:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 22 01:20:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	562601	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	392029	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	117653	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	118772	13.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	55.56%		
7) Chloroethane-d5	2.892	69	110570	14.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.36%		
11) 1,1-Dichloroethene-d2	4.019	63	158549	10.68	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	42.72%#		
21) 2-Butanone-d5	7.086	46	85945	44.16	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	88.32%		
24) Chloroform-d	7.653	84	317207	20.54	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	82.16%		
26) 1,2-Dichloroethane-d4	8.311	65	173376	19.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	79.88%		
32) Benzene-d6	8.275	84	538241	23.40	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.60%		
36) 1,2-Dichloropropane-d6	9.275	67	185663	26.79	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	107.16%		
41) Toluene-d8	10.323	98	412507	19.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	78.44%		
43) trans-1,3-Dichloroprop...	10.579	79	57501	19.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	77.96%		
47) 2-Hexanone-d5	10.927	63	70893	58.83	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	117.66%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	136538	23.59	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.36%		
66) 1,2-Dichlorobenzene-d4	13.853	152	90166	21.82	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.28%		
Target Compounds					Qvalue	
13) Acetone	4.141	43	38932	27.56	ug/L	85
14) Carbon disulfide	4.391	76	32900	1.49	ug/L	96
16) Methylene chloride	4.922	84	41460	4.50	ug/L	95
22) 2-Butanone	7.177	43	11522	5.37	ug/L	96
29) Cyclohexane	7.958	56	5702	0.59	ug/L #	92
33) Benzene	8.330	78	11189	0.45	ug/L	100
35) Methylcyclohexane	9.336	83	35506	3.22	ug/L #	88
42) Toluene	10.390	91	8701	0.33	ug/L	89
53) m,p-Xylene	11.847	106	3911	0.37	ug/L	95
54) o-Xylene	12.164	106	8814	0.86	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.689	83	16219	2.82	ug/L	93
60) Isopropylbenzene	13.103	105	37232	2.15	ug/L	94
62) 1,3,5-Trimethylbenzene	12.945	105	22533	1.57	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	42065	2.94	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.414	75	1070	1.92	ug/L #	38
72) 1,2,3-Trichlorobenzene	15.578	180	3148	0.84	ug/L #	26

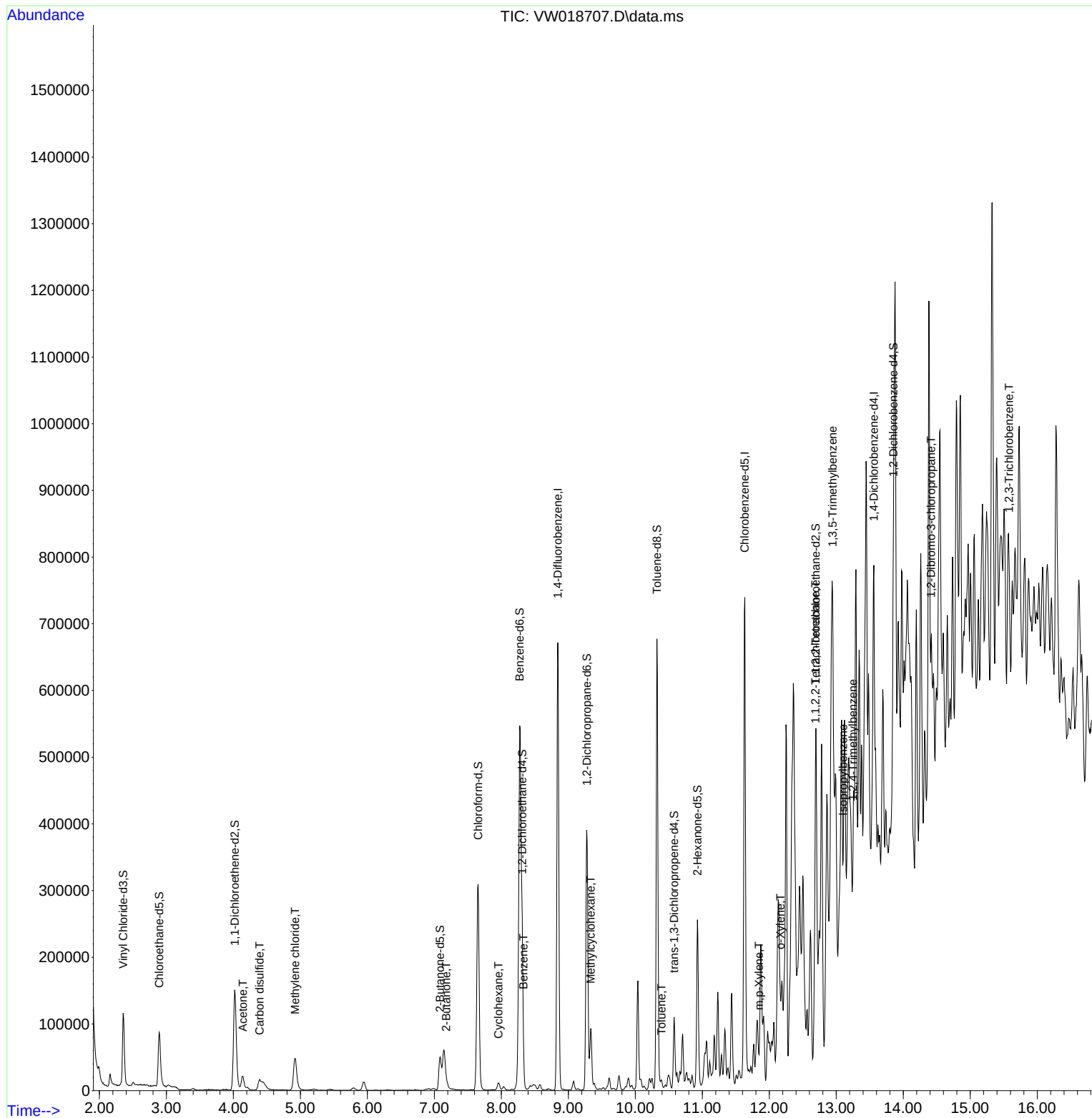
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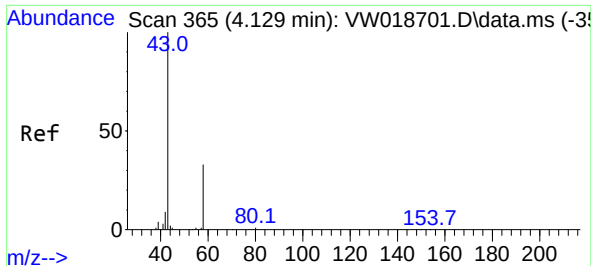
Instrument :
MSVOA_W
ClientSampleId :

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MSVOA_W
ClientSampled :

Quant Time: Apr 22 01:22:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 22 01:20:40 2021
Response via : Initial Calibration

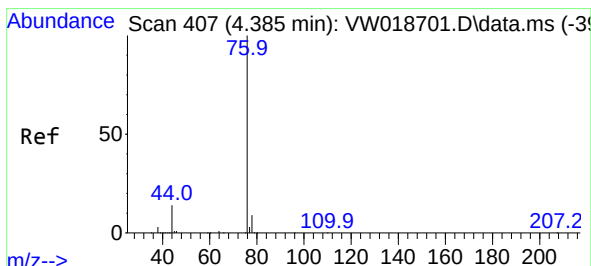
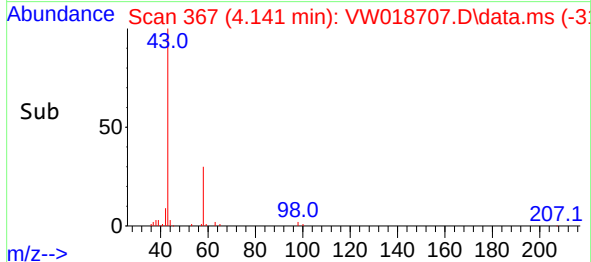
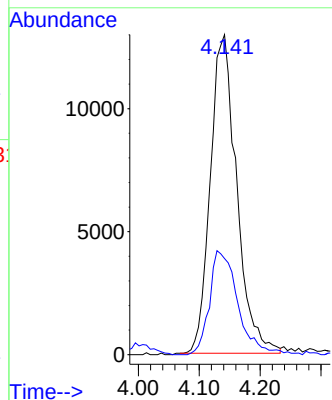
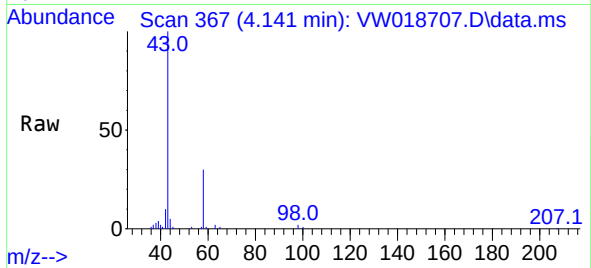




#13
Acetone
Concen: 27.56 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW018707.D
Acq: 21 Apr 2021 13:10

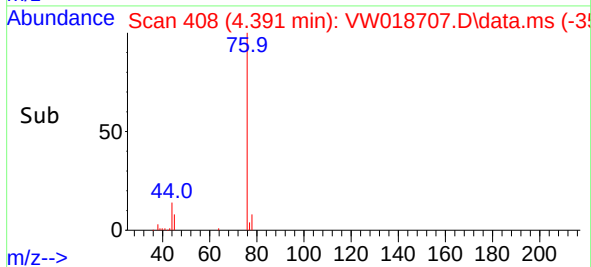
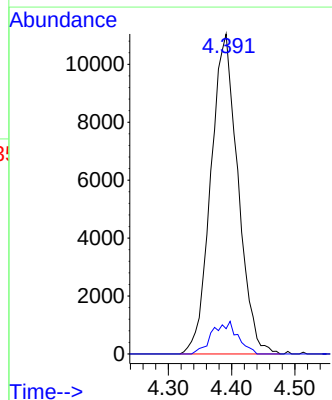
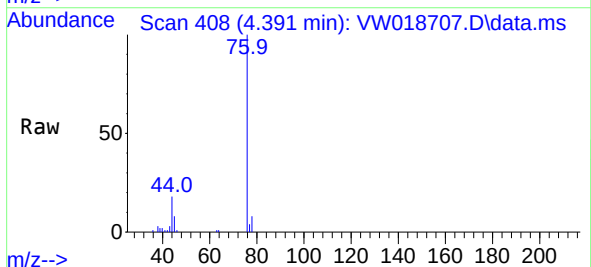
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MSVOA_W
ClientSampled :

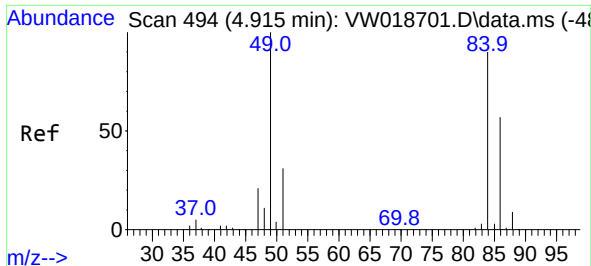
Tgt Ion: 43 Resp: 38932
Ion Ratio Lower Upper
43 100
58 34.5 0.0 53.8



#14
Carbon disulfide
Concen: 1.49 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018707.D
Acq: 21 Apr 2021 13:10

Tgt Ion: 76 Resp: 32900
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0

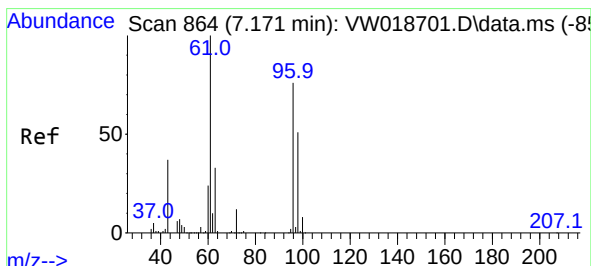
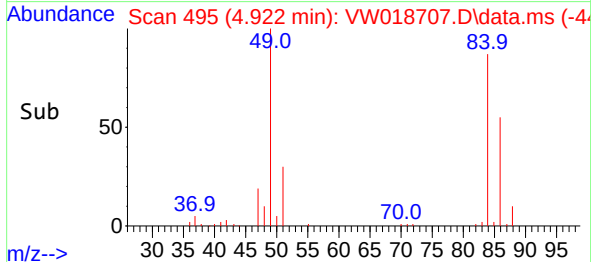
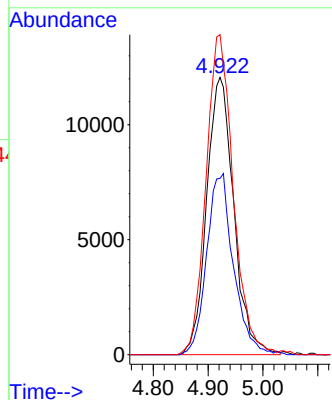
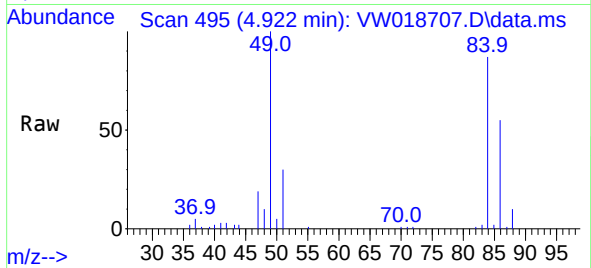




#16
Methylene chloride
Concen: 4.50 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018707.D
Acq: 21 Apr 2021 13:10

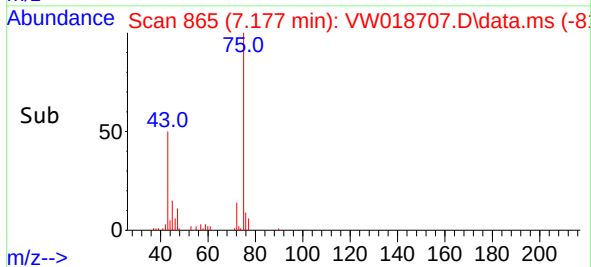
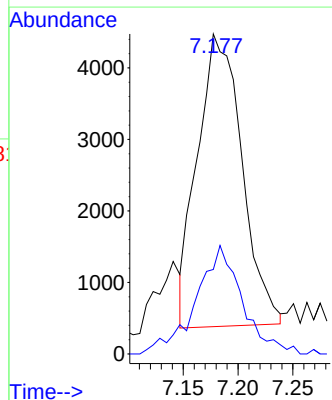
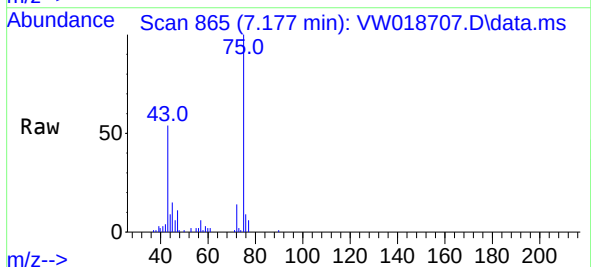
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ClientSampled :

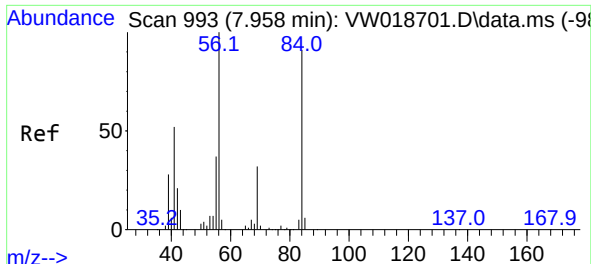
Tgt Ion: 84 Resp: 41460
Ion Ratio Lower Upper
84 100
86 63.6 45.3 84.1
49 115.4 86.6 160.8



#22
2-Butanone
Concen: 5.37 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018707.D
Acq: 21 Apr 2021 13:10

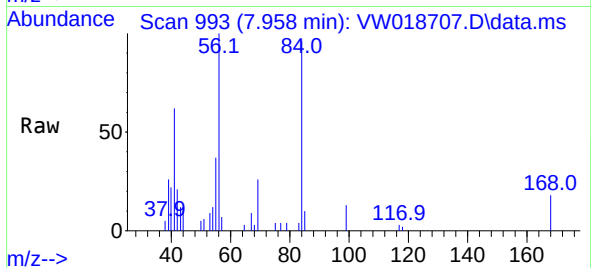
Tgt Ion: 43 Resp: 11522
Ion Ratio Lower Upper
43 100
72 27.4 14.9 44.7



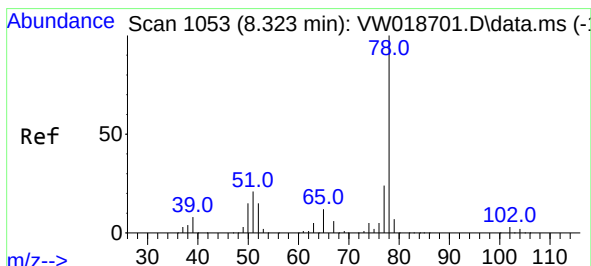
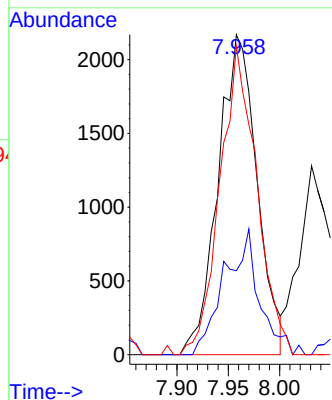
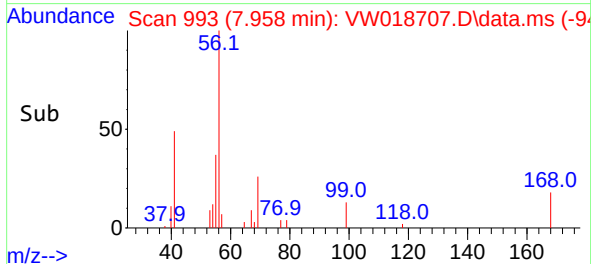


#29
Cyclohexane
Concen: 0.59 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018707.D
Acq: 21 Apr 2021 13:10

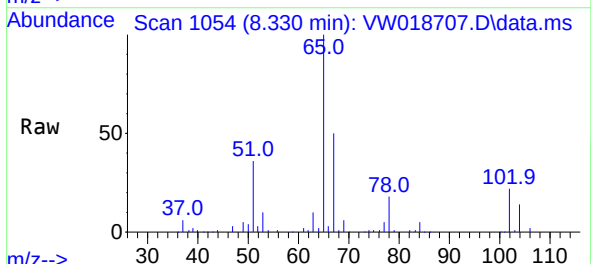
Instrument :
MSVOA_W
ClientSampled :



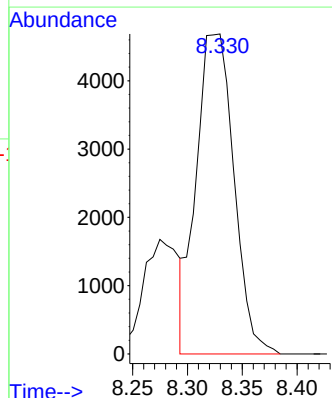
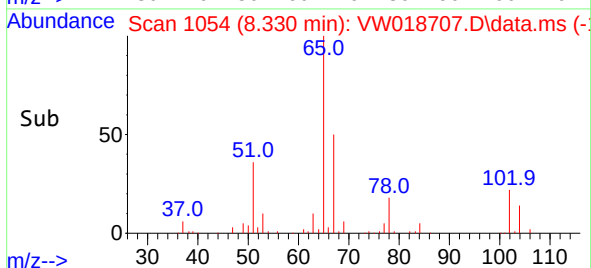
Tgt Ion: 56 Resp: 5702
Ion Ratio Lower Upper
56 100
69 17.6 24.5 36.7#
84 91.2 75.0 112.4

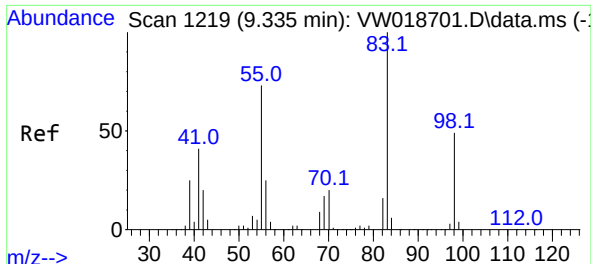


#33
Benzene
Concen: 0.45 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW018707.D
Acq: 21 Apr 2021 13:10



Tgt Ion: 78 Resp: 11189

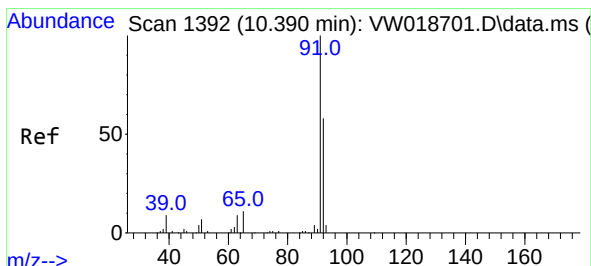
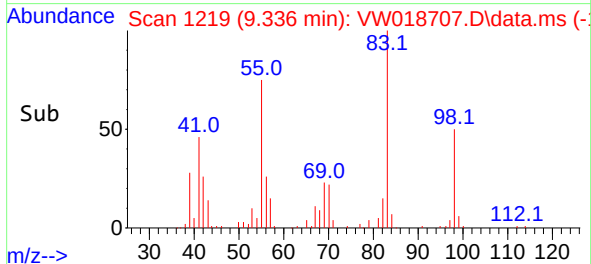
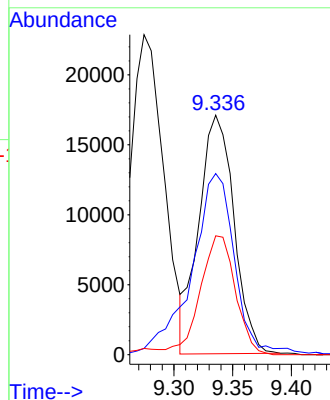
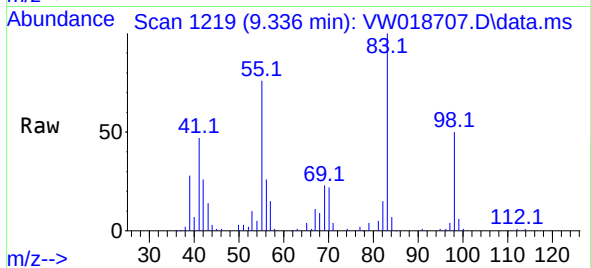




#35
Methylcyclohexane
Concen: 3.22 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018707.D
Acq: 21 Apr 2021 13:10

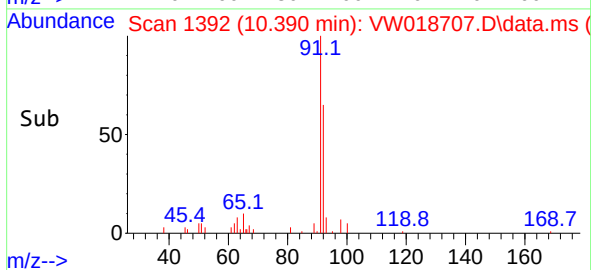
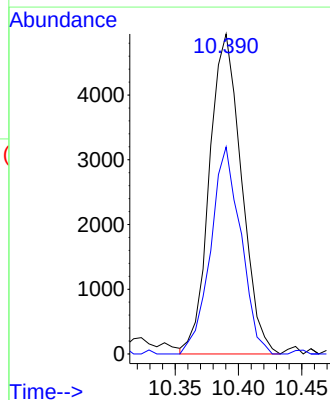
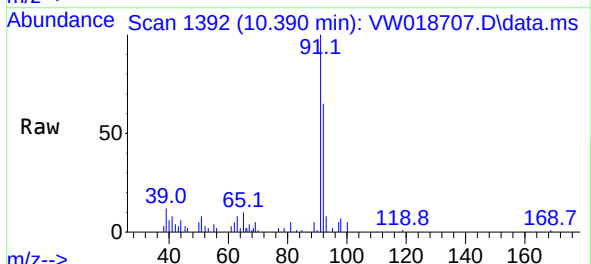
Instrument :
MSVOA_W
ClientSampled :

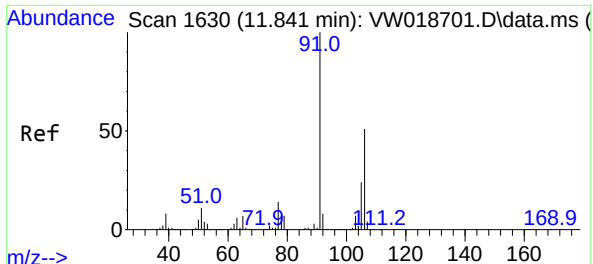
Tgt Ion: 83 Resp: 35506
Ion Ratio Lower Upper
83 100
55 90.4 58.9 88.3#
98 49.6 40.1 60.1



#42
Toluene
Concen: 0.33 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018707.D
Acq: 21 Apr 2021 13:10

Tgt Ion: 91 Resp: 8701
Ion Ratio Lower Upper
91 100
92 64.7 39.5 73.3

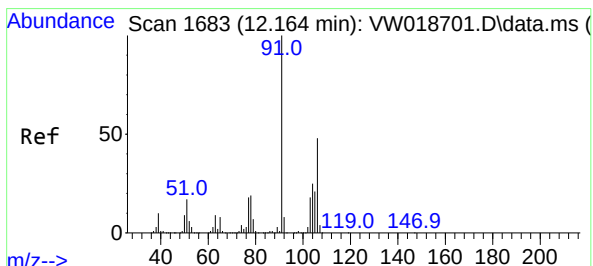
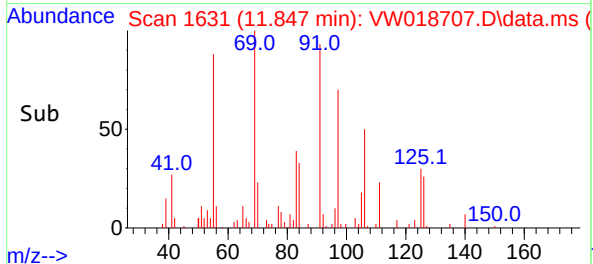
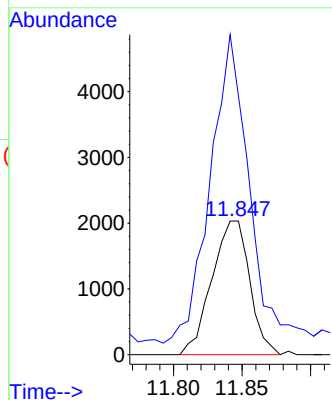
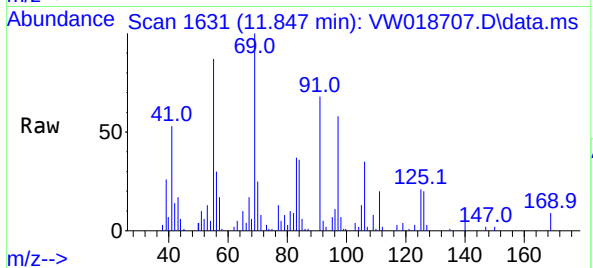




#53
m,p-Xylene
Concen: 0.37 ug/L
RT: 11.847 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VW018707.D
Acq: 21 Apr 2021 13:10

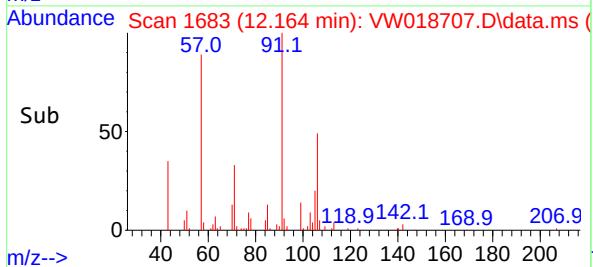
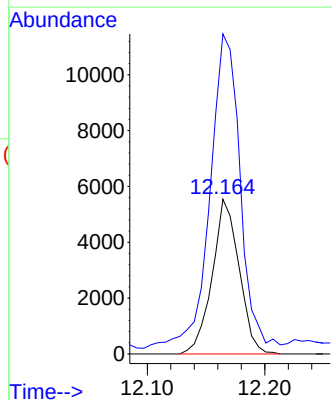
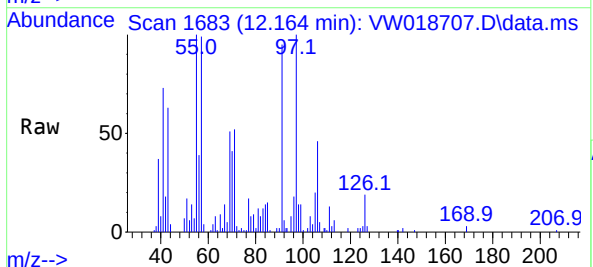
Instrument :
MSVOA_W
ClientSampled :

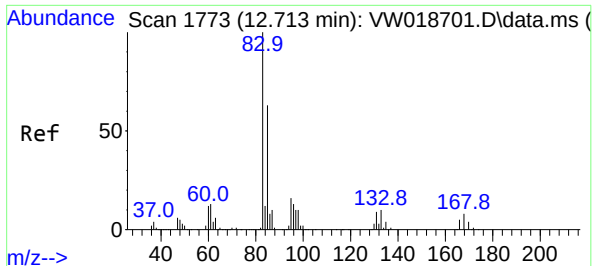
Tgt Ion:106 Resp: 3911
Ion Ratio Lower Upper
106 100
91 193.7 141.3 262.3



#54
o-Xylene
Concen: 0.86 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018707.D
Acq: 21 Apr 2021 13:10

Tgt Ion:106 Resp: 8814
Ion Ratio Lower Upper
106 100
91 206.9 150.0 278.6

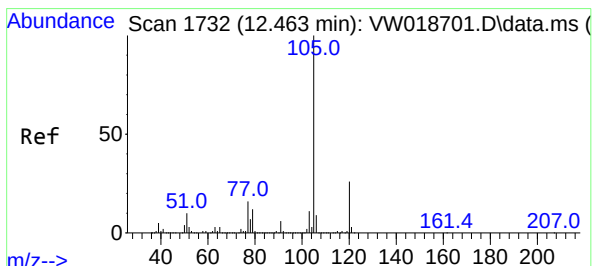
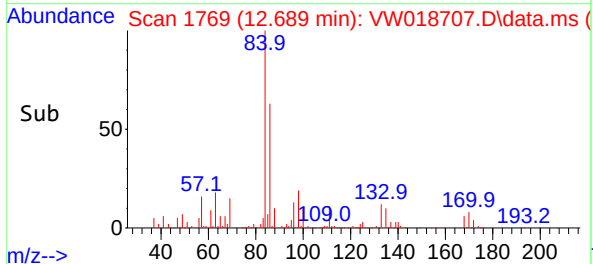
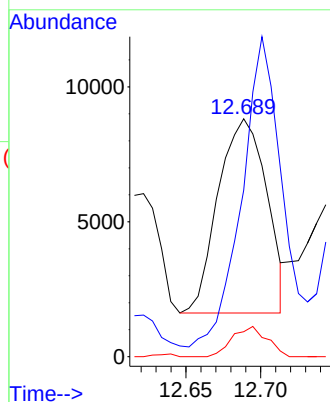
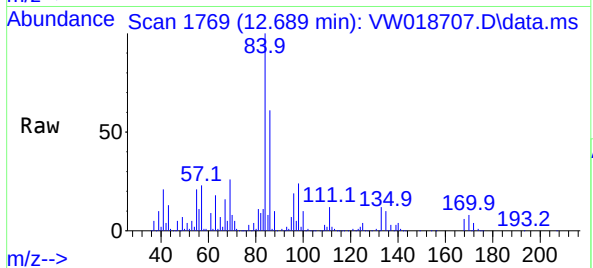




#57
1,1,2,2-Tetrachloroethane
Concen: 2.82 ug/L
RT: 12.689 min Scan# 1769
Delta R.T. -0.024 min
Lab File: VW018707.D
Acq: 21 Apr 2021 13:10

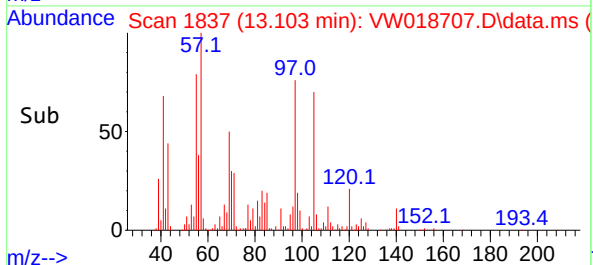
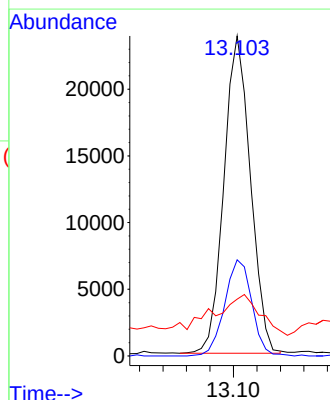
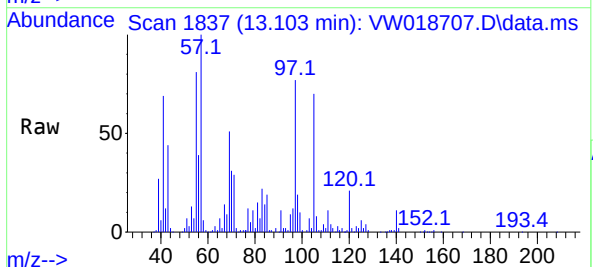
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ClientSampled :

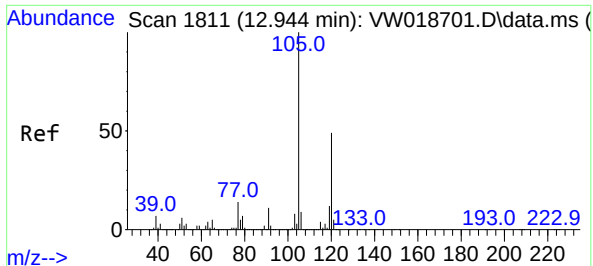
Tgt Ion:	83	Resp:	16219
Ion	Ratio	Lower	Upper
83	100		
85	70.0	44.4	82.4
131	10.5	8.2	12.4



#60
Isopropylbenzene
Concen: 2.15 ug/L
RT: 13.103 min Scan# 1837
Delta R.T. 0.640 min
Lab File: VW018707.D
Acq: 21 Apr 2021 13:10

Tgt Ion:	105	Resp:	37232
Ion	Ratio	Lower	Upper
105	100		
120	31.1	21.1	31.7
77	15.8	13.2	19.8

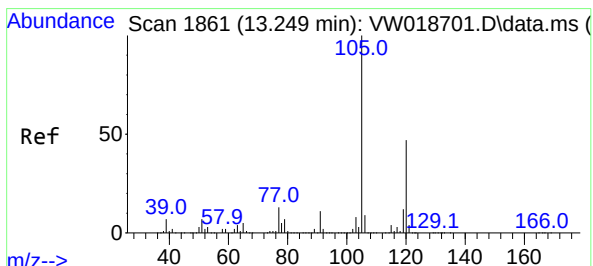
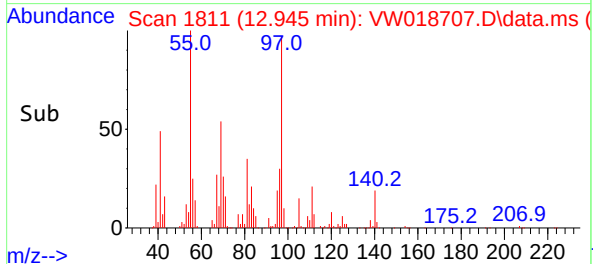
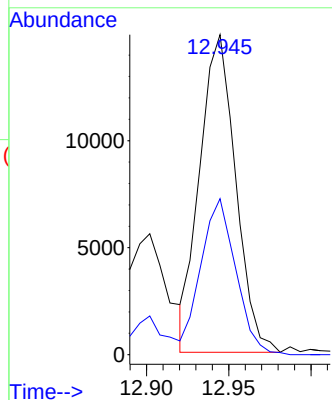
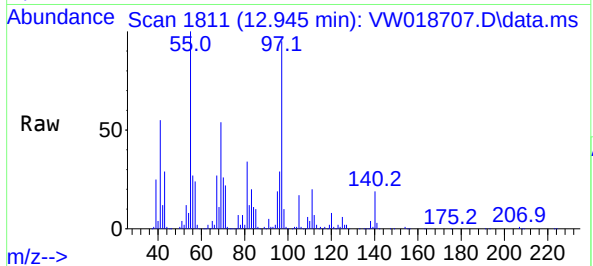




#62
1,3,5-Trimethylbenzene
Concen: 1.57 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018707.D
Acq: 21 Apr 2021 13:10

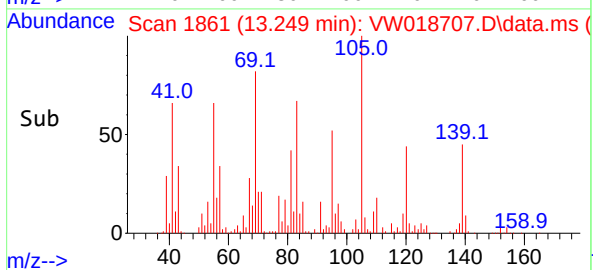
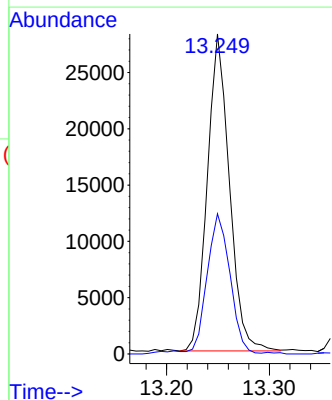
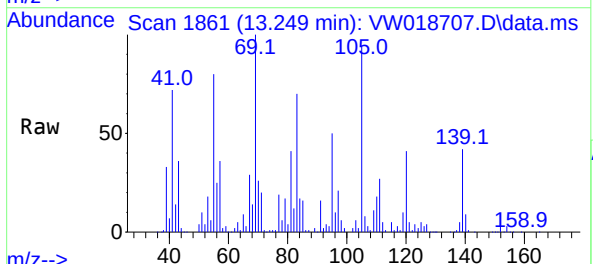
Instrument :
MSVOA_W
ClientSampled :

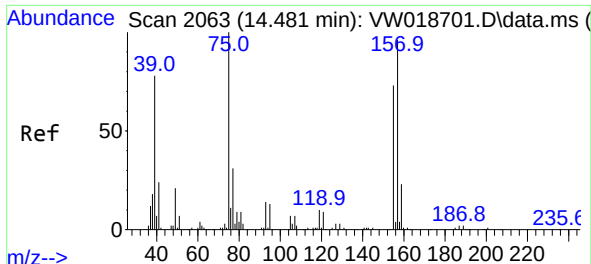
Tgt Ion:105 Resp: 22533
Ion Ratio Lower Upper
105 100
120 47.8 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 2.94 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018707.D
Acq: 21 Apr 2021 13:10

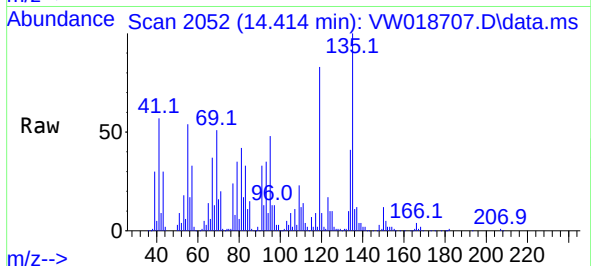
Tgt Ion:105 Resp: 42065
Ion Ratio Lower Upper
105 100
120 45.1 35.6 53.4



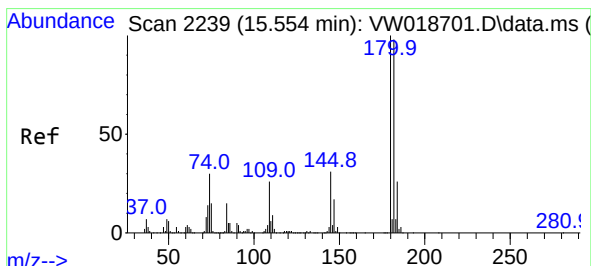
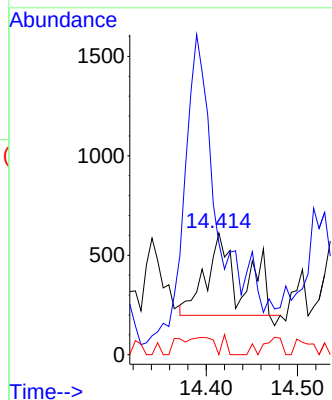
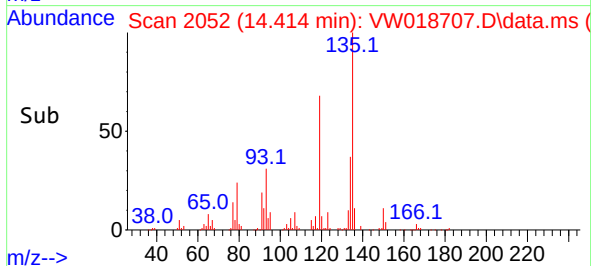


#68
1,2-Dibromo-3-chloropropane
Concen: 1.92 ug/L
RT: 14.414 min Scan# 2052
Delta R.T. -0.067 min
Lab File: VW018707.D
Acq: 21 Apr 2021 13:10

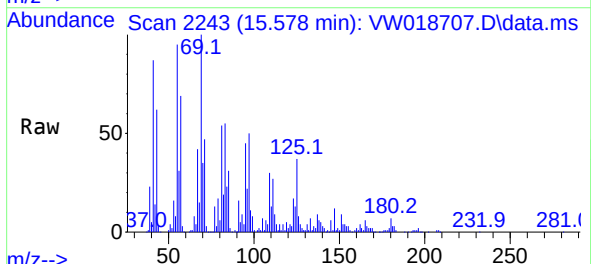
Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 75 Resp: 1070
Ion Ratio Lower Upper
75 100
155 91.8 59.4 89.0#
157 0.0 72.2 108.2#



#72
1,2,3-Trichlorobenzene
Concen: 0.84 ug/L
RT: 15.578 min Scan# 2243
Delta R.T. 0.025 min
Lab File: VW018707.D
Acq: 21 Apr 2021 13:10



Tgt Ion: 180 Resp: 3148
Ion Ratio Lower Upper
180 100
182 18.6 76.7 115.1#
145 0.0 28.9 43.3#

