

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031321\
 Data File : VW018318.D
 Acq On : 12 Mar 2021 14:38
 Operator : SY/VA
 Sample : M1630-07
 Misc : 6.16G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG575

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:39:16 PM

Quant Time: Mar 13 00:40:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 13 00:38:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	317186	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	277171	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	128022	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	65927	19.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.76%		
7) Chloroethane-d5	2.898	69	52134	18.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.76%		
10) 1,1-Dichloroethene-d2	4.026	63	111726	14.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	56.00%		
20) 2-Butanone-d5	7.080	46	24526	30.03	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	60.06%		
24) Chloroform-d	7.653	84	150947	17.57	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	70.28%		
26) 1,2-Dichloroethane-d4	8.311	65	80275	16.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	67.88%#		
29) Benzene-d6	8.275	84	278261	18.86	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	75.44%		
33) 1,2-Dichloropropane-d6	9.275	67	76296	18.66	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	74.64%		
37) Toluene-d8	10.329	98	266746	18.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	74.92%		
38) trans-1,3-Dichloroprop...	10.579	79	34011	16.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	67.12%		
39) 2-Hexanone-d5	10.927	63	21683	31.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	63.76%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	56060	16.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	64.16%		
61) 1,2-Dichlorobenzene-d4	13.853	152	89028	19.13	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	76.52%		
Target Compounds						Qvalue
3) Chloromethane	2.215	50	10606	3.68	ug/L	91
13) Acetone	4.135	43	80640	126.34	ug/L	94
14) Carbon disulfide	4.397	76	7322m	0.60	ug/L	
16) Methylene chloride	4.928	84	5762	1.19	ug/L	89
21) 2-Butanone	7.177	43	37278	42.16	ug/L	98
22) cis-1,2-Dichloroethene	7.177	96	2446	0.53	ug/L	75
34) Benzene	8.324	78	499964	31.35	ug/L	100
35) Trichloroethene	9.092	95	95770	20.49	ug/L	98
44) Toluene	10.390	91	427125	23.90	ug/L	97
47) Tetrachloroethene	10.860	164	441927	126.27	ug/L	96
49) 2-Hexanone	10.975	43	1639	1.24	ug/L #	87
53) Ethylbenzene	11.731	91	79623	3.88	ug/L	97
54) m,p-Xylene	11.835	106	63278	8.13	ug/L	98
55) o-xylene	12.164	106	45301	6.22	ug/L	99
56) Styrene	12.183	104	51599	4.14	ug/L	99

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

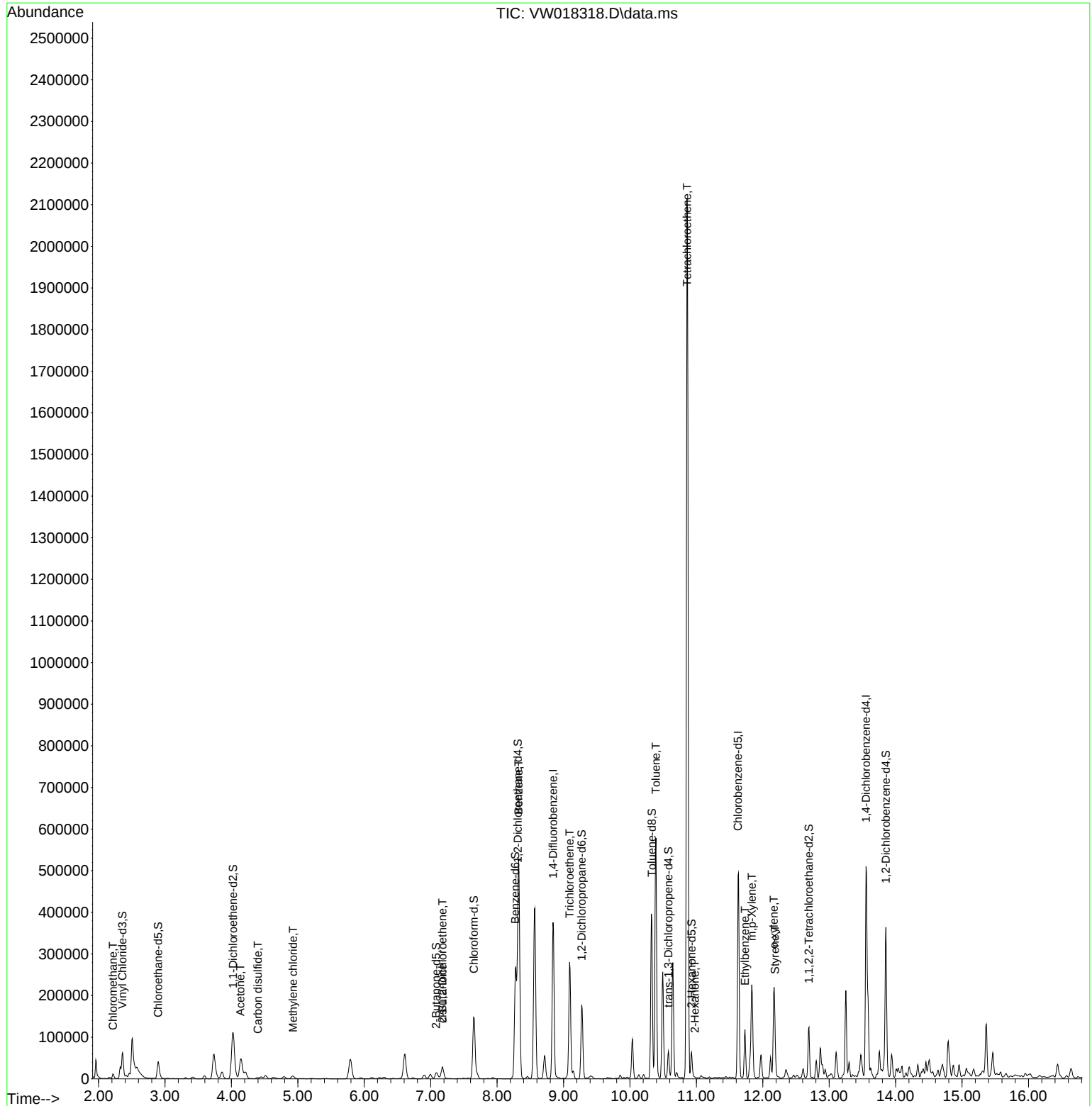
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031321\
Data File : VW018318.D
Acq On : 12 Mar 2021 14:38
Operator : SY/VA
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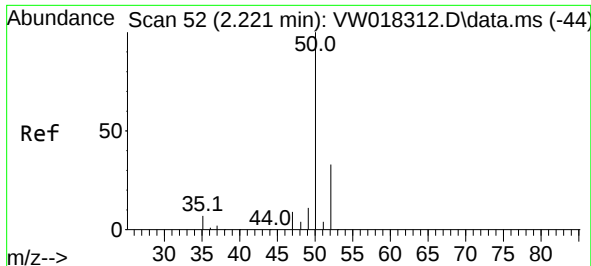
Instrument :
MSVOA_W
ClientSampleId :
BG575

Manual Integrations
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Quant Time: Mar 13 00:40:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 13 00:38:12 2021
Response via : Initial Calibration





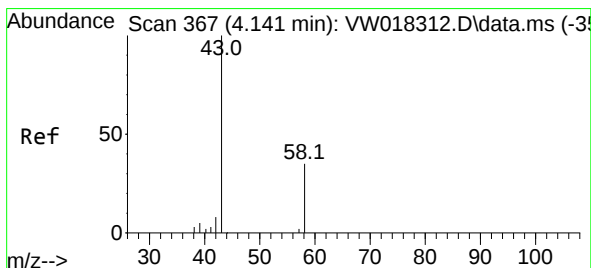
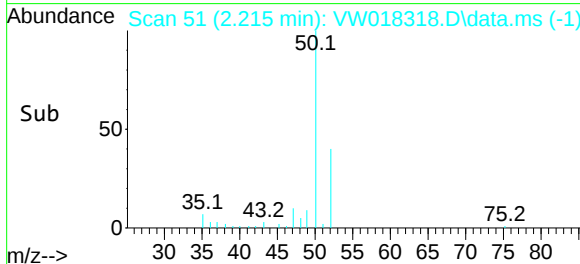
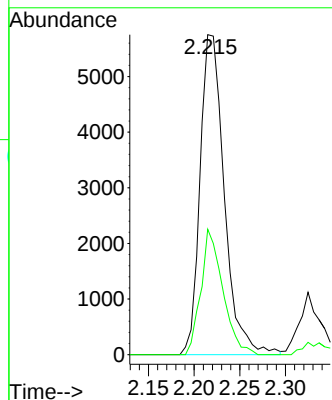
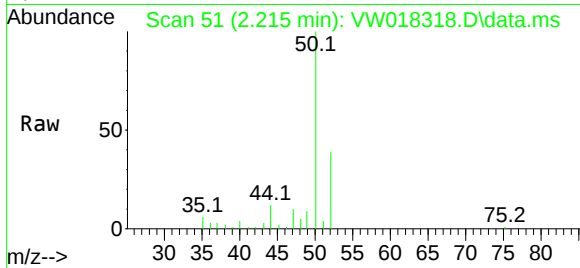
#3
Chloromethane
Concen: 3.68 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

Tgt Ion: 50 Resp: 10606
Ion Ratio Lower Upper
50 100
52 39.2 23.7 43.9

Instrument :
MSVOA_W
ClientSampled :
BG575

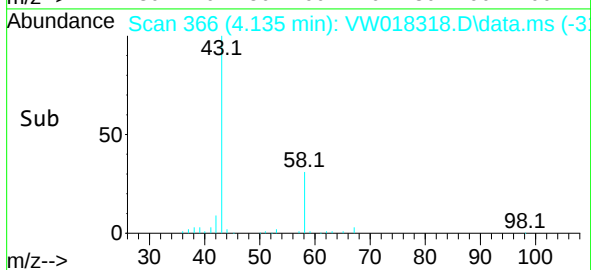
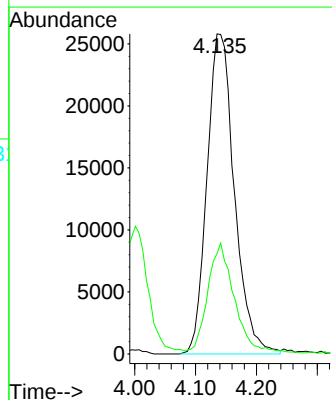
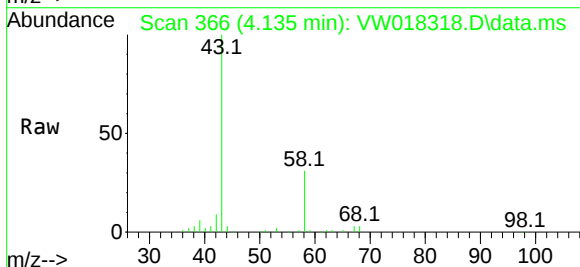
Manual Integrations
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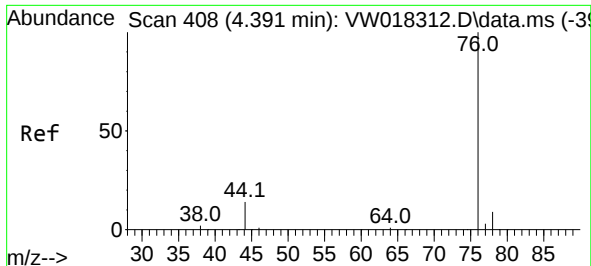
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#13
Acetone
Concen: 126.34 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

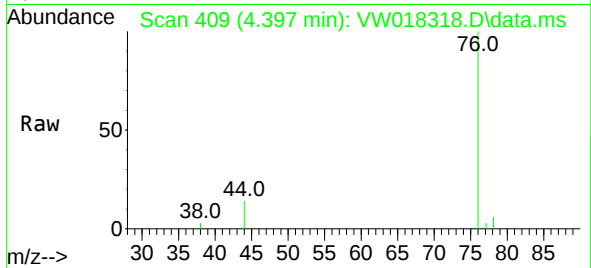
Tgt Ion: 43 Resp: 80640
Ion Ratio Lower Upper
43 100
58 34.3 0.0 62.2





#14
Carbon disulfide
Concen: 0.60 ug/L m
RT: 4.397 min Scan# 409
Delta R.T. 0.006 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

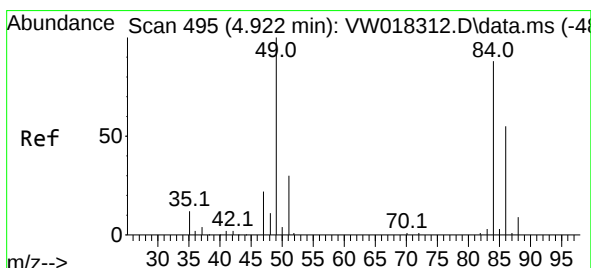
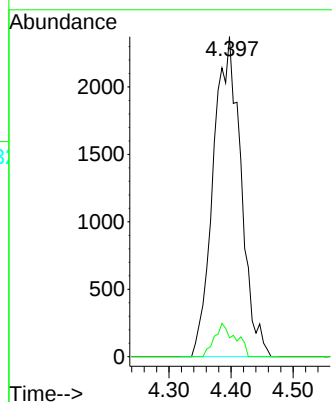
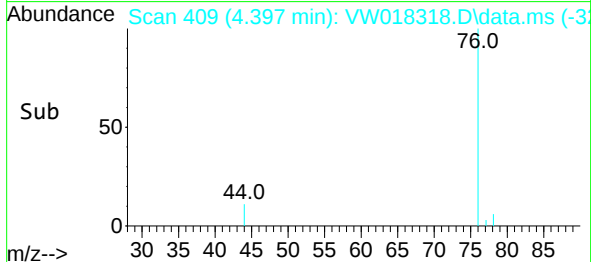
Instrument :
MSVOA_W
ClientSampled :
BG575



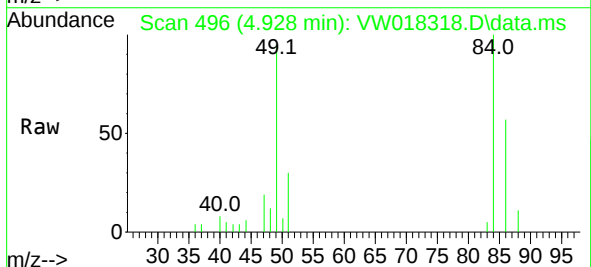
Tgt Ion: 76 Resp: 7322
Ion Ratio Lower Upper
76 100
78 5.9 7.4 11.2#

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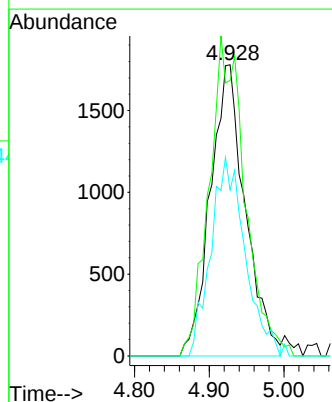
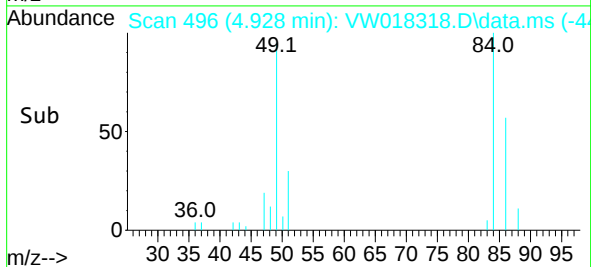
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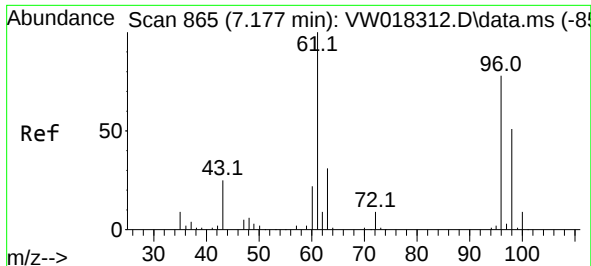


#16
Methylene chloride
Concen: 1.19 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38



Tgt Ion: 84 Resp: 5762
Ion Ratio Lower Upper
84 100
49 94.6 74.4 138.2
86 57.0 46.1 85.7





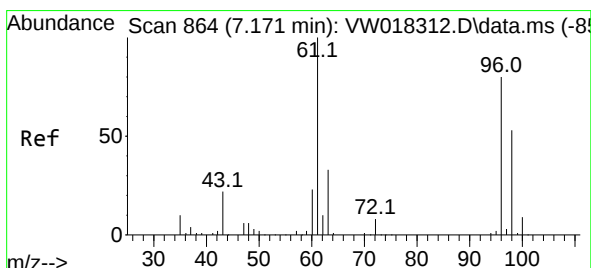
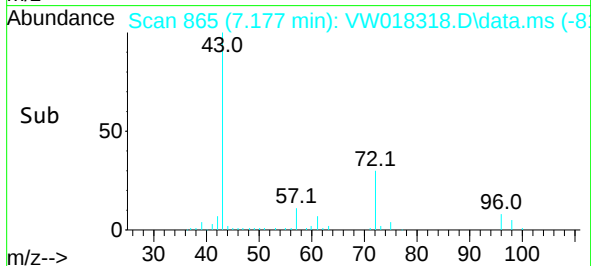
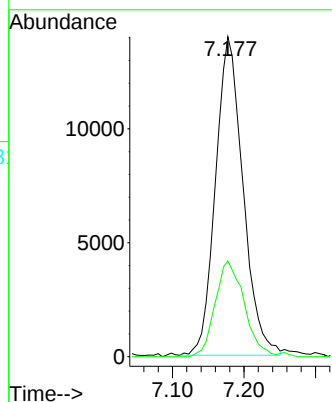
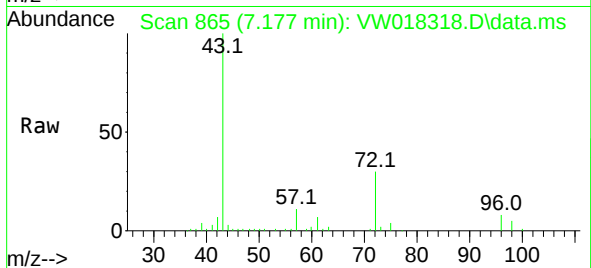
#21
2-Butanone
Concen: 42.16 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

Tgt Ion: 43 Resp: 37278
Ion Ratio Lower Upper
43 100
72 31.7 16.5 49.5

Instrument :
MSVOA_W
ClientSampled :
BG575

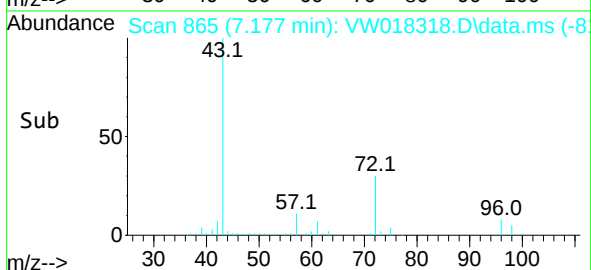
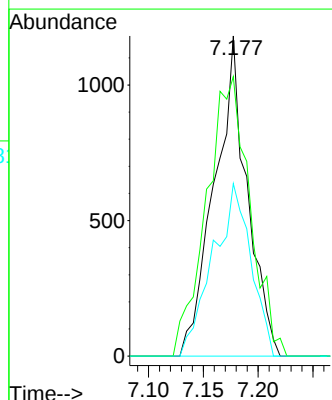
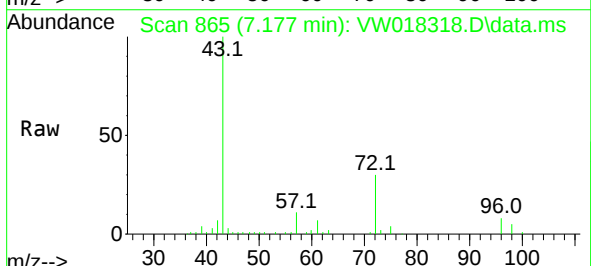
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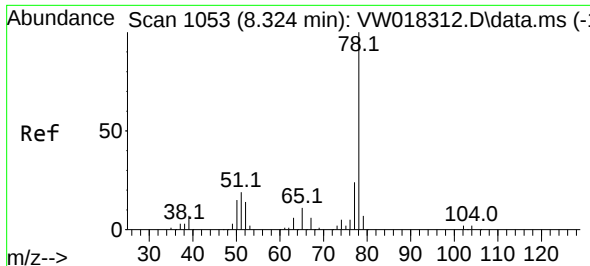
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#22
cis-1,2-Dichloroethene
Concen: 0.53 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

Tgt Ion: 96 Resp: 2446
Ion Ratio Lower Upper
96 100
61 87.3 84.8 157.6
98 53.9 45.1 83.9





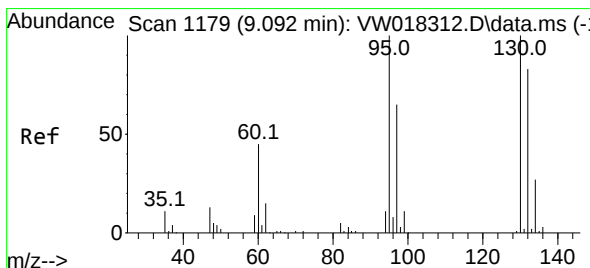
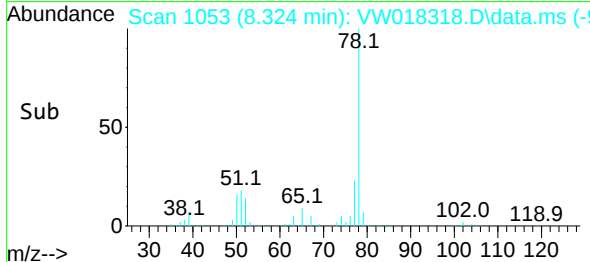
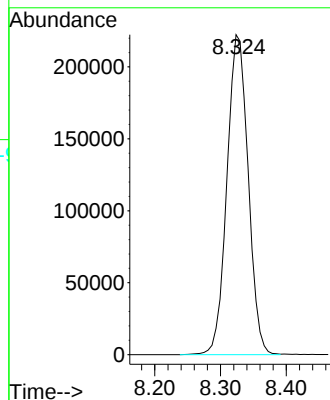
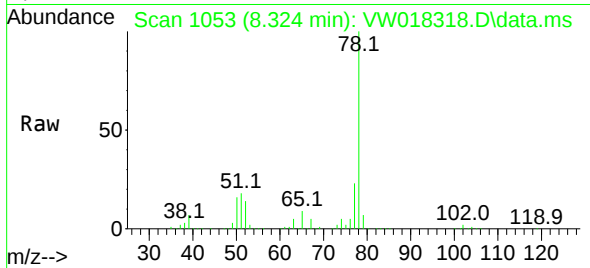
#34
Benzene
Concen: 31.35 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

Tgt Ion: 78 Resp: 499964

Instrument :
MSVOA_W
ClientSampled :
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Manual Integrations
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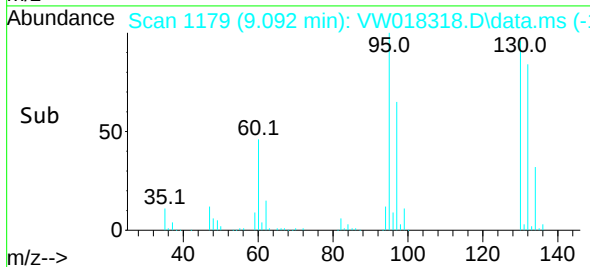
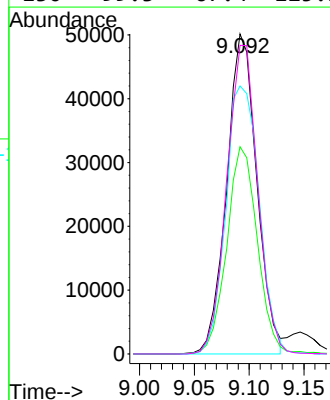
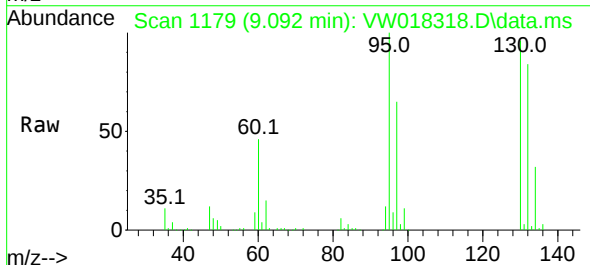
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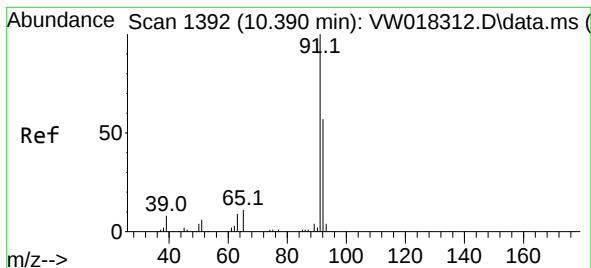


#35
Trichloroethene
Concen: 20.49 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

Tgt Ion: 95 Resp: 95770

Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.4	82.4
132	92.9	65.9	122.5
130	99.3	67.4	125.2





#44

Toluene

Concen: 23.90 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW018318.D

Acq: 12 Mar 2021 14:38

Tgt Ion: 91 Resp: 427125

Ion Ratio Lower Upper

91 100

92 57.8 42.3 78.5

Instrument :

MSVOA_W

ClientSampled :

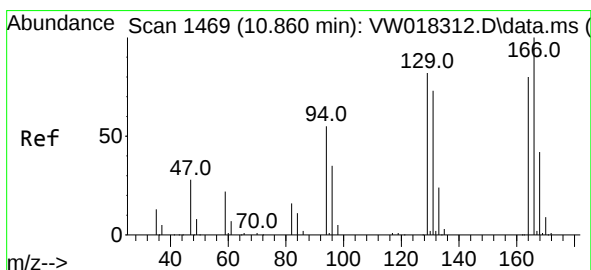
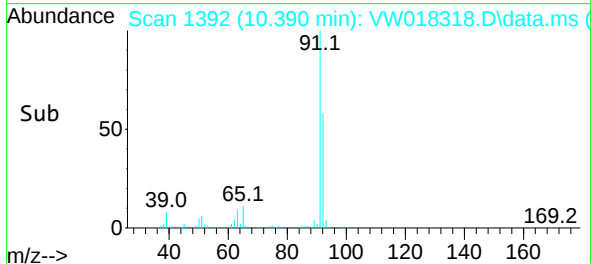
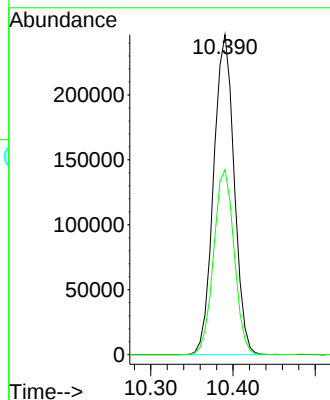
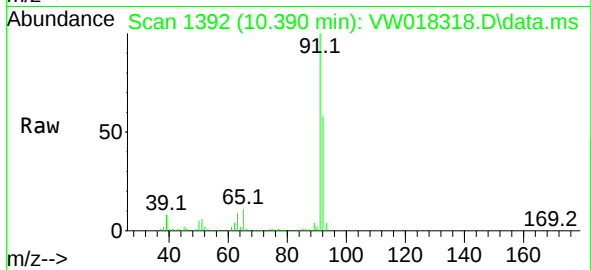
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#47

Tetrachloroethene

Concen: 126.27 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW018318.D

Acq: 12 Mar 2021 14:38

Tgt Ion:164 Resp: 441927

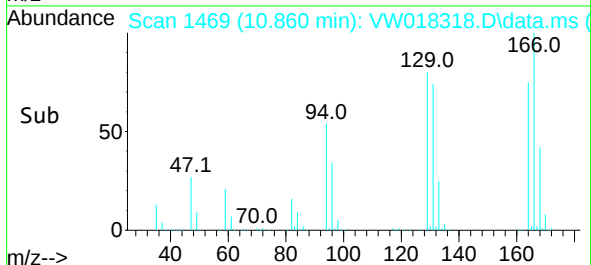
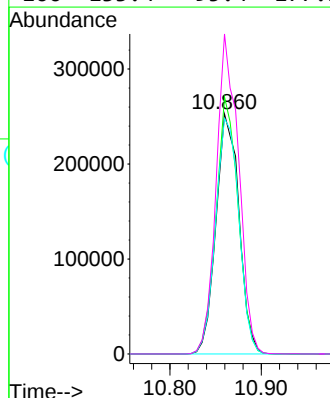
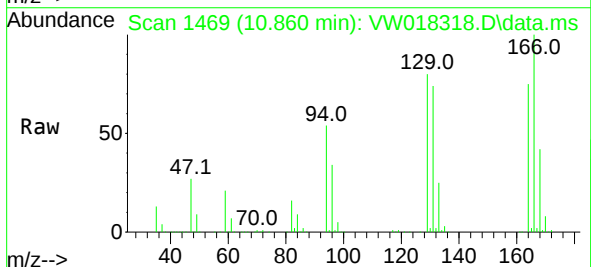
Ion Ratio Lower Upper

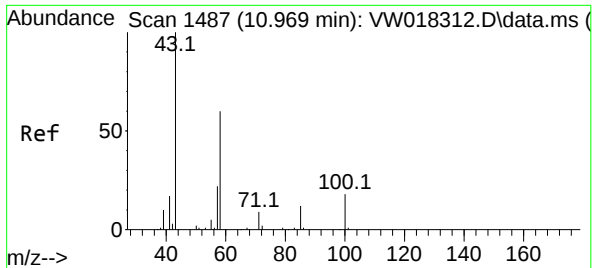
164 100

129 107.1 68.8 127.8

131 98.1 68.3 126.8

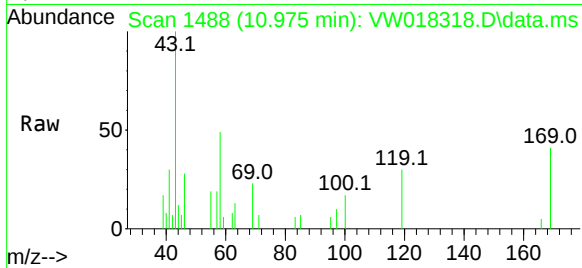
166 133.4 95.4 177.2





#49
2-Hexanone
Concen: 1.24 ug/L
RT: 10.975 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

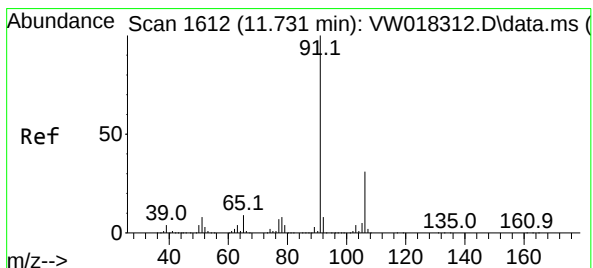
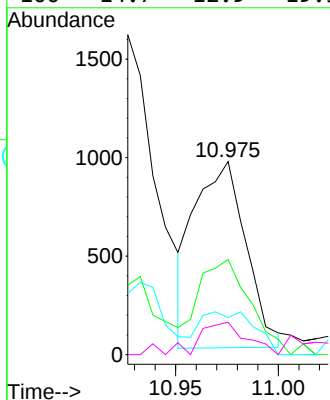
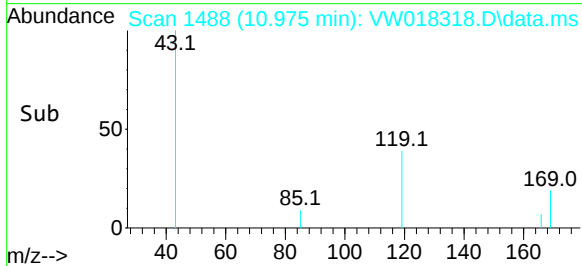
Instrument :
MSVOA_W
ClientSampleId :
BG575



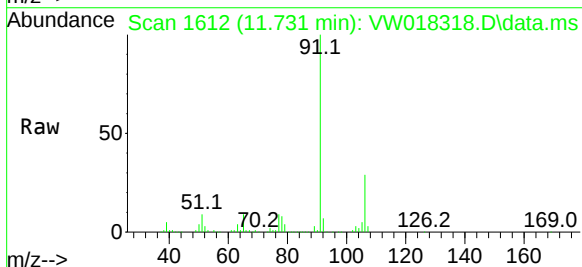
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Ion Ratio Lower Upper
43 100
58 51.4 47.3 70.9
57 7.6 17.3 25.9#
100 14.7 12.9 19.3

Manual Integrations
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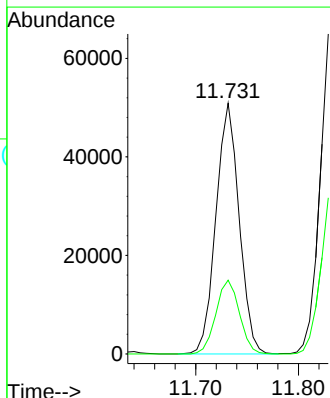
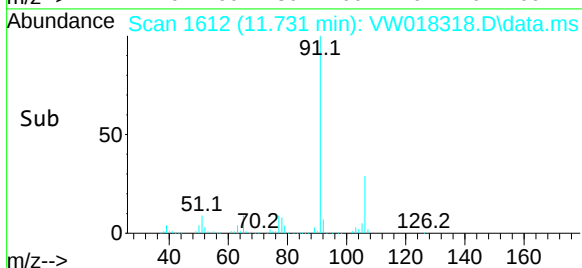
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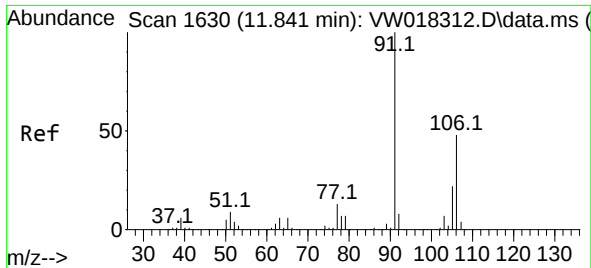


#53
Ethylbenzene
Concen: 3.88 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38



Tgt Ion: 91 Resp: 79623
Ion Ratio Lower Upper
91 100
106 29.5 21.7 40.3





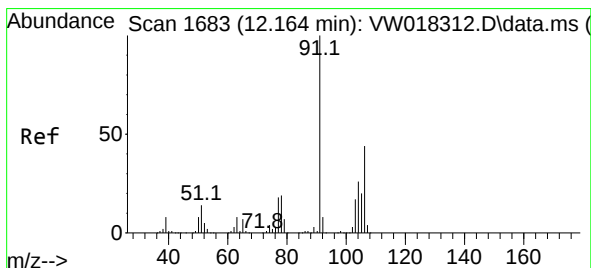
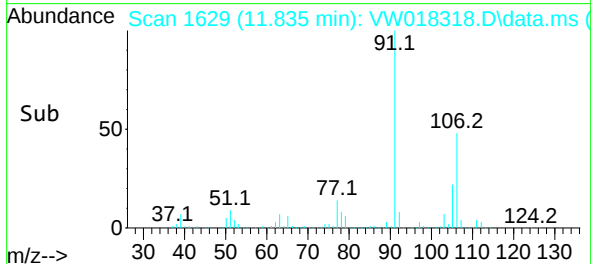
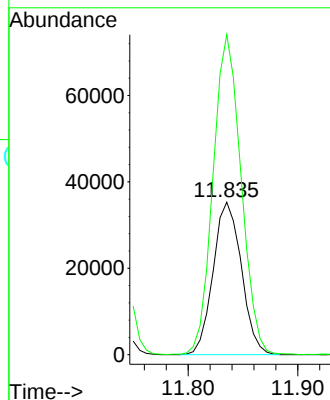
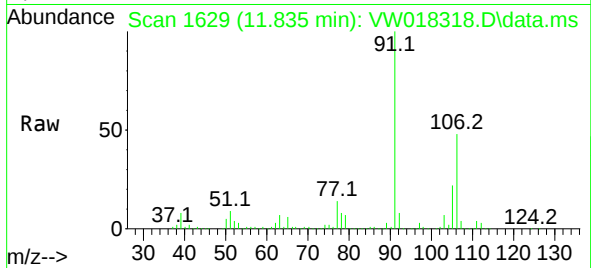
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m,p-Xylene
Concen: 8.13 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

Tgt Ion:106 Resp: 63278
Ion Ratio Lower Upper
106 100
91 209.9 145.3 269.8

Instrument :
MSVOA_W
ClientSampled :
BG575

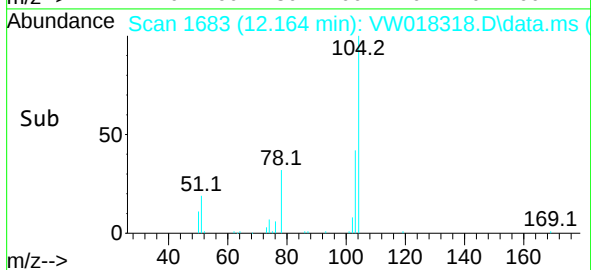
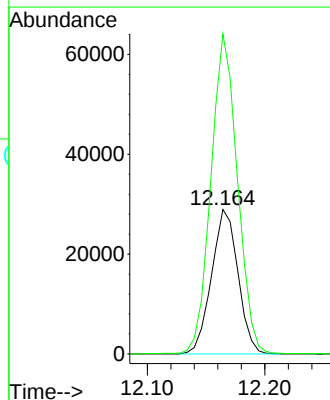
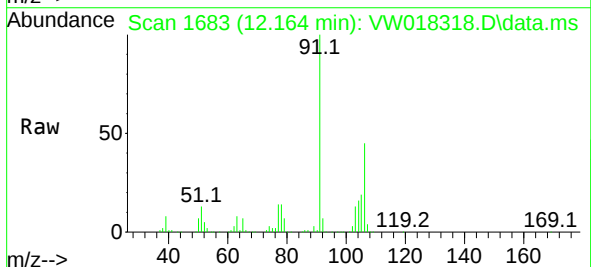
Manual Integrations
APPROVED

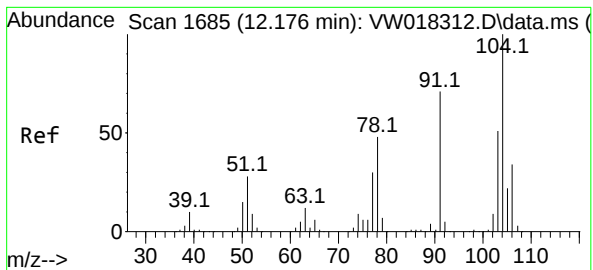
MMDadoda
3/15/2021 12:39:16 PM



#55
o-xylene
Concen: 6.22 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

Tgt Ion:106 Resp: 45301
Ion Ratio Lower Upper
106 100
91 221.4 154.3 286.5





#56
Styrene
Concen: 4.14 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

Tgt Ion:104 Resp: 51599
Ion Ratio Lower Upper
104 100
78 50.0 34.7 64.5

Instrument :
MSVOA_W
ClientSampleId :
BG575

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:39:16 PM

