

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
 Data File : VW020515.D
 Acq On : 15 Oct 2021 01:12
 Operator : SY/VA
 Sample : M4210-03
 Misc : 4.22g/10mL/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JDGC3

Manual Integrations
 APPROVED

MMDadoda
 10/18/2021 5:52:35 PM

Quant Time: Oct 15 01:34:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 15 00:58:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	199553	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	132342	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	36775	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	70025	24.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.48%		
7) Chloroethane-d5	2.879	69	38152	24.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.48%		
11) 1,1-Dichloroethene-d2	4.013	63	100963	16.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	67.88%		
21) 2-Butanone-d5	7.080	46	37752	42.72	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	85.44%		
24) Chloroform-d	7.653	84	144623	22.74	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.96%		
26) 1,2-Dichloroethane-d4	8.305	65	79080	21.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.08%		
32) Benzene-d6	8.275	84	268505	30.84	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	123.36%		
36) 1,2-Dichloropropane-d6	9.274	67	86302	30.42	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	121.68%#		
41) Toluene-d8	10.323	98	196240	25.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	100.48%		
43) trans-1,3-Dichloroprop...	10.579	79	25472	22.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.36%		
47) 2-Hexanone-d5	10.927	63	23771	54.46	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	108.92%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	41696	19.44	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	77.76%		
66) 1,2-Dichlorobenzene-d4	13.853	152	27881	19.38	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	77.52%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	56282	69.37	ug/L	98
14) Carbon disulfide	4.385	76	10467	1.15	ug/L	98
15) Methyl Acetate	4.684	43	2619	1.74	ug/L #	76
16) Methylene chloride	4.915	84	20894	5.39	ug/L	99
22) 2-Butanone	7.177	43	90118	88.74	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	3853	2.63	ug/L #	80
42) Toluene	10.390	91	132318	13.99	ug/L	100
52) Ethylbenzene	11.731	91	45012	4.39	ug/L	99
53) m,p-Xylene	11.835	106	10573	2.78	ug/L	90
54) o-Xylene	12.164	106	4648	1.32	ug/L	98
55) Styrene	12.182	104	17016	2.77	ug/L	96
60) Isopropylbenzene	12.463	105	9910m	1.84	ug/L	
62) 1,3,5-Trimethylbenzene	12.945	105	3228	0.73	ug/L	89
63) 1,2,4-Trimethylbenzene	13.249	105	12758m	2.92	ug/L	
65) 1,4-Dichlorobenzene	13.579	146	201458	83.40	ug/L	96

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

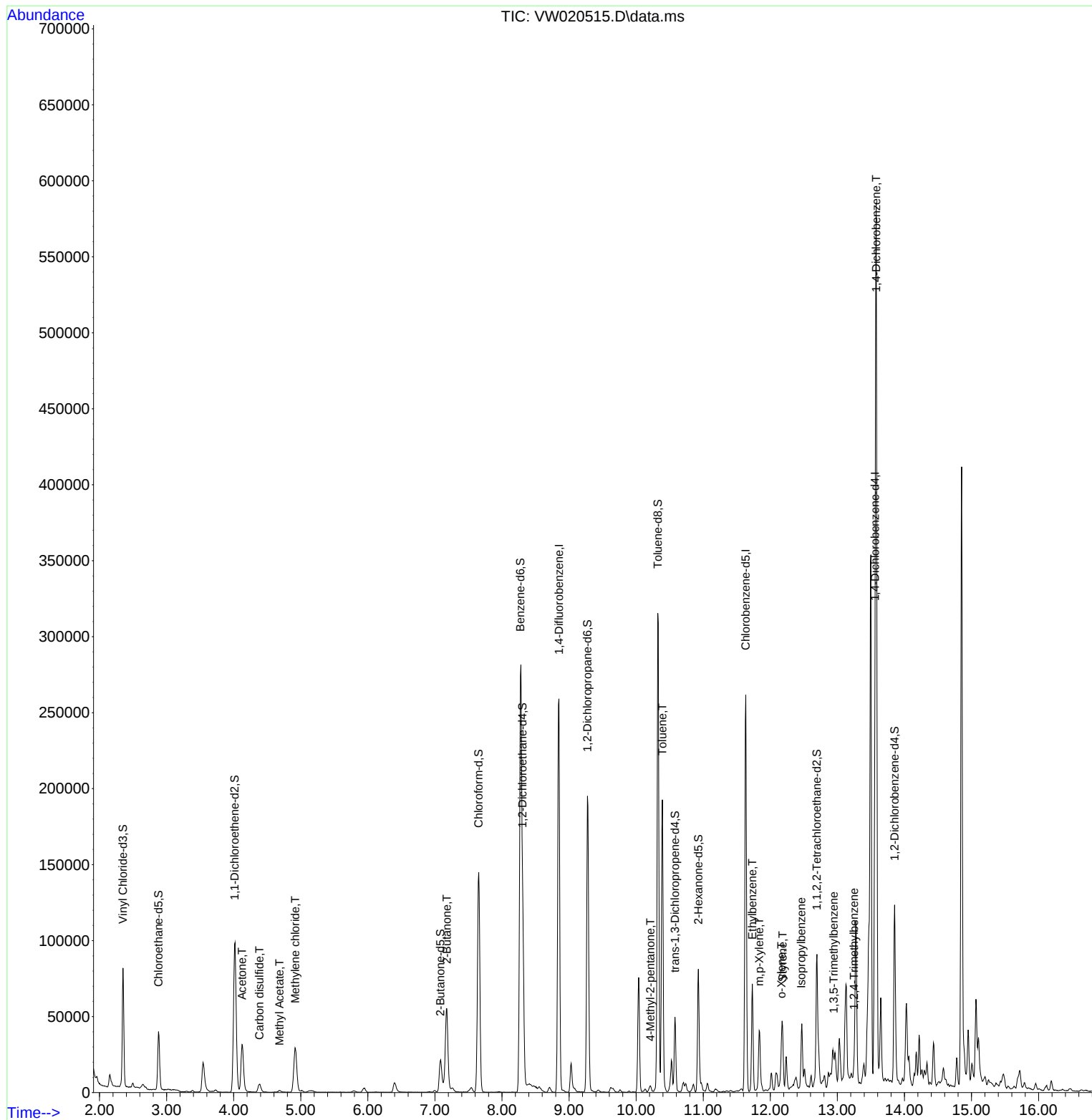
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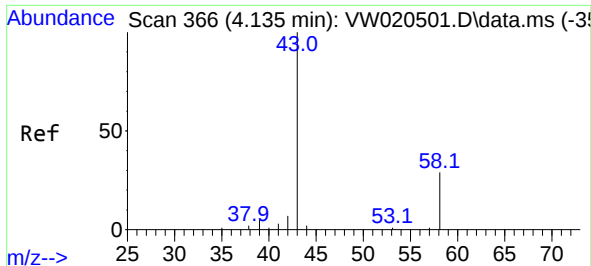
Instrument :
MSVOA_W
ClientSampleId :
JDGC3

Manual Integrations
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Quant Time: Oct 15 01:34:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 15 00:58:32 2021
Response via : Initial Calibration





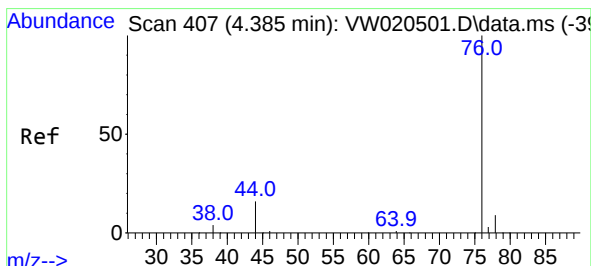
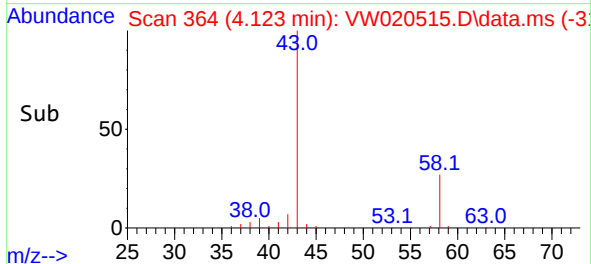
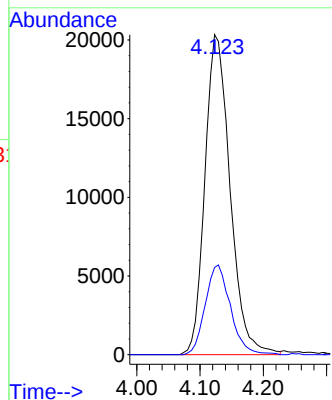
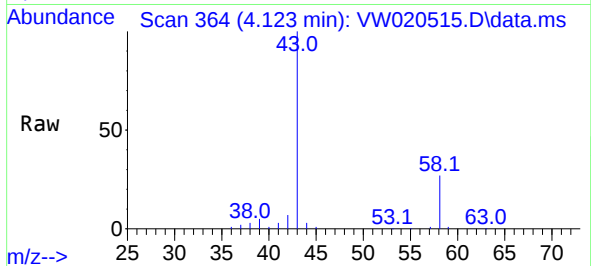
#13
Acetone
Concen: 69.37 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion: 43 Resp: 56282
Ion Ratio Lower Upper
43 100
58 28.1 0.0 58.4

Instrument :
MSVOA_W
ClientSampled :
JDGC3

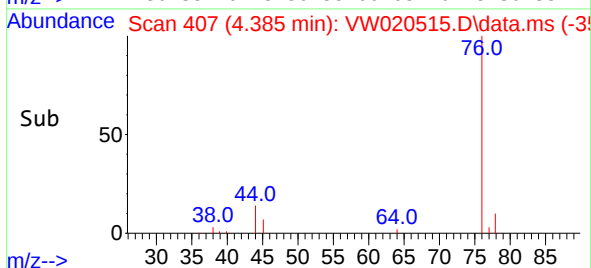
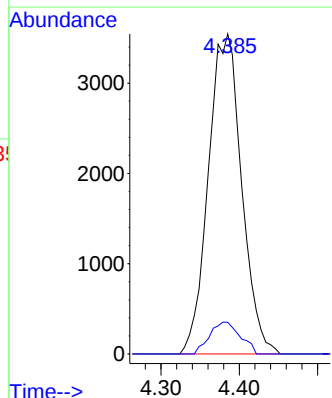
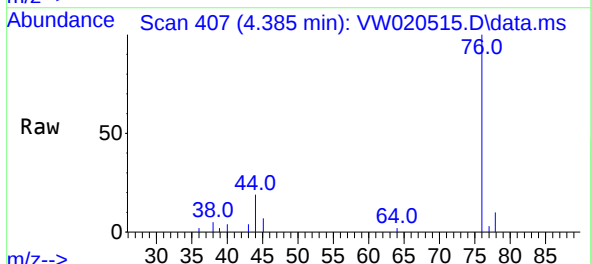
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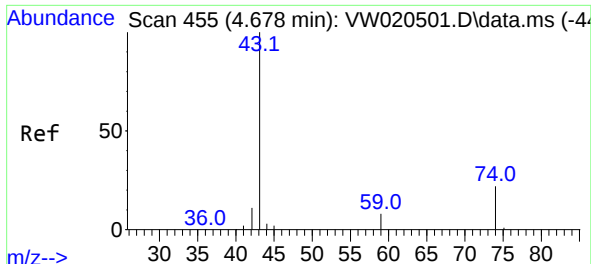
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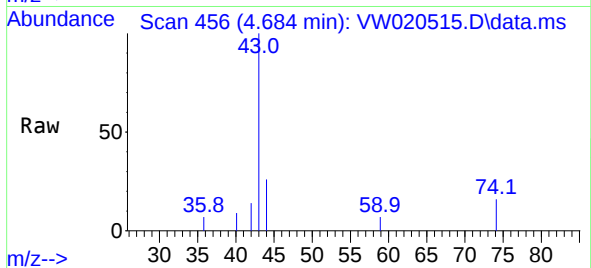
#14
Carbon disulfide
Concen: 1.15 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion: 76 Resp: 10467
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.2

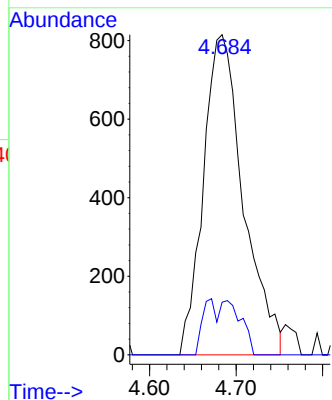




#15
Methyl Acetate
Concen: 1.74 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12



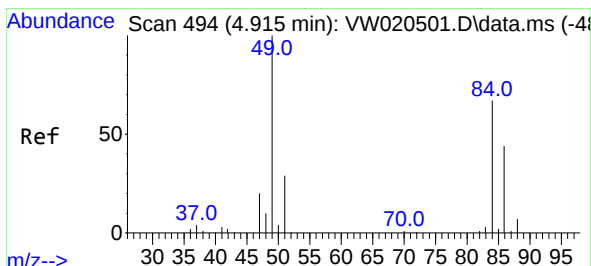
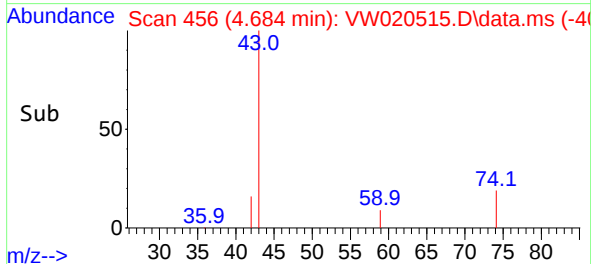
Tgt Ion: 43 Resp: 2619
Ion Ratio Lower Upper
43 100
74 8.9 16.1 24.1#



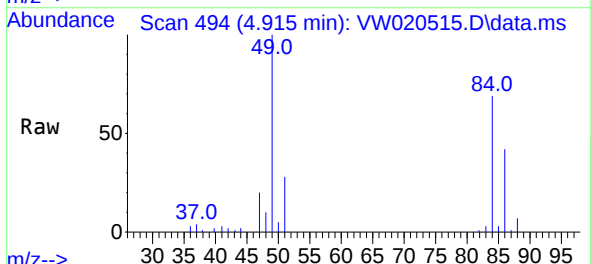
Instrument :
MSVOA_W
ClientSampled :
JDGC3

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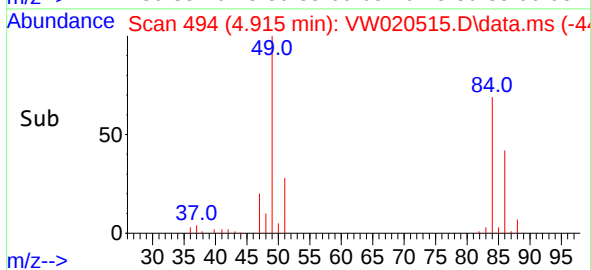
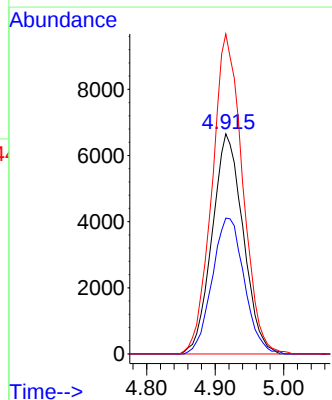
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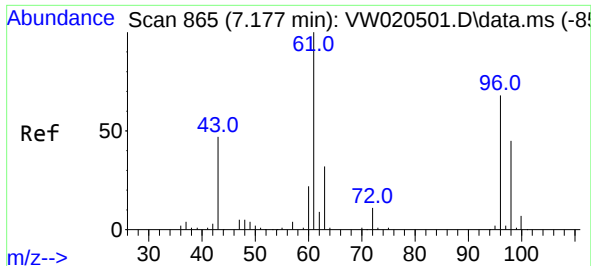


#16
Methylene chloride
Concen: 5.39 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12



Tgt Ion: 84 Resp: 20894
Ion Ratio Lower Upper
84 100
86 61.7 44.7 83.1
49 145.4 101.7 188.9





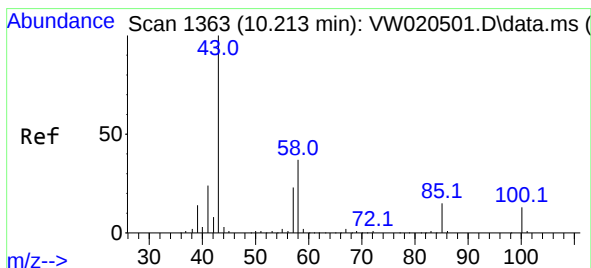
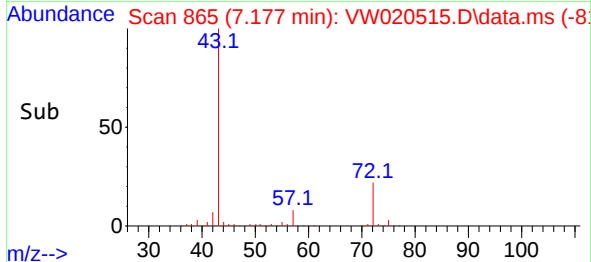
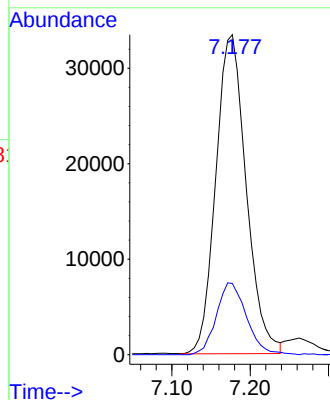
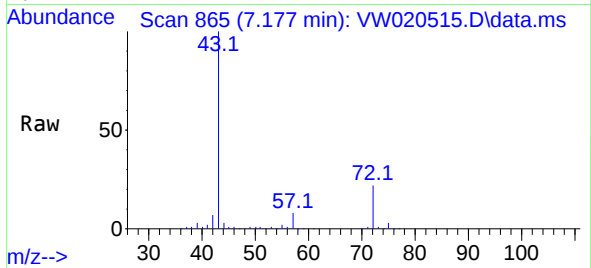
#22
2-Butanone
Concen: 88.74 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion: 43 Resp: 90118
Ion Ratio Lower Upper
43 100
72 22.3 12.2 36.6

Instrument :
MSVOA_W
ClientSampled :
JDGC3

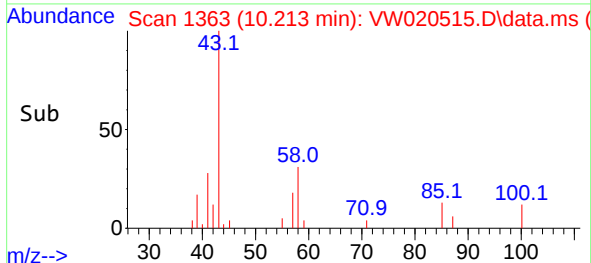
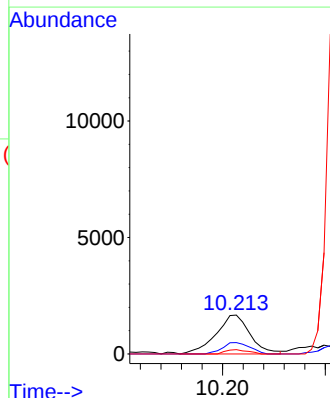
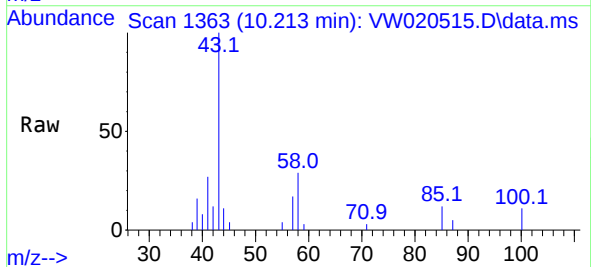
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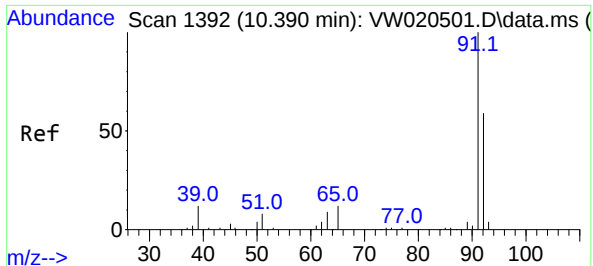
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#40
4-Methyl-2-pentanone
Concen: 2.63 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion: 43 Resp: 3853
Ion Ratio Lower Upper
43 100
58 23.3 29.0 43.4#
100 7.2 10.2 15.4#





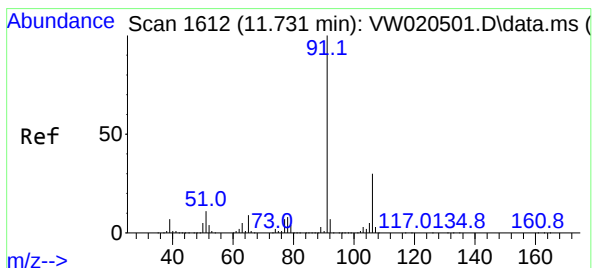
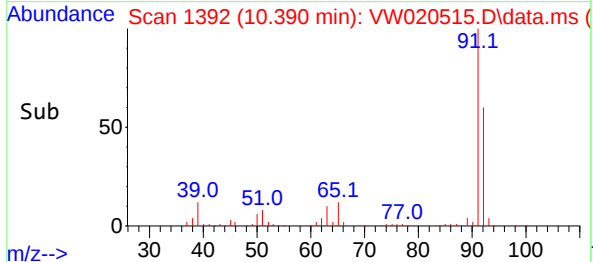
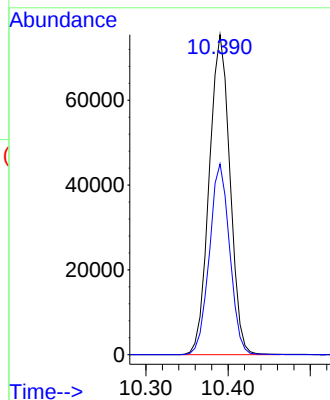
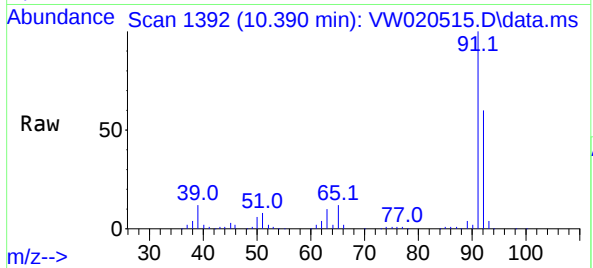
#42
Toluene
Concen: 13.99 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion: 91 Resp: 132318
Ion Ratio Lower Upper
91 100
92 59.6 41.5 77.1

Instrument :
MSVOA_W
ClientSampleId :
JDGC3

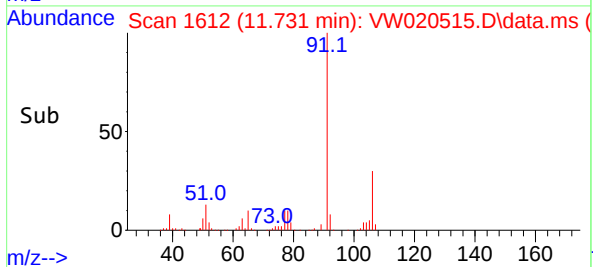
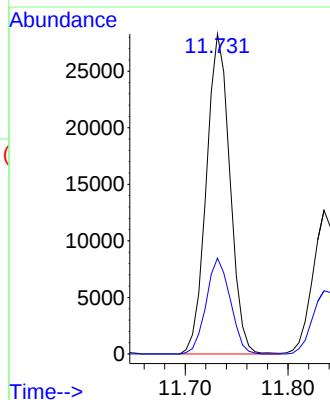
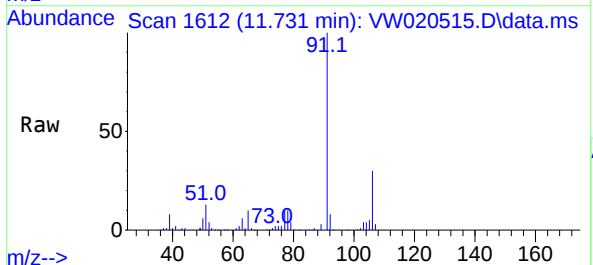
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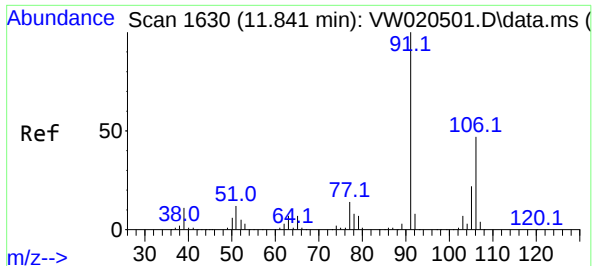
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#52
Ethylbenzene
Concen: 4.39 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion: 91 Resp: 45012
Ion Ratio Lower Upper
91 100
106 29.9 21.3 39.5





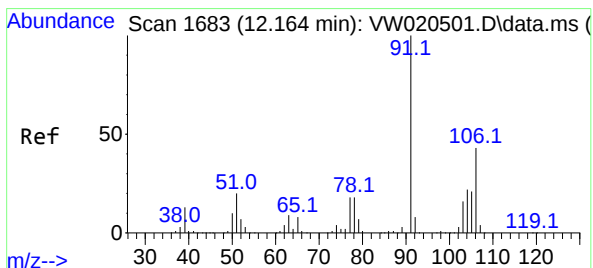
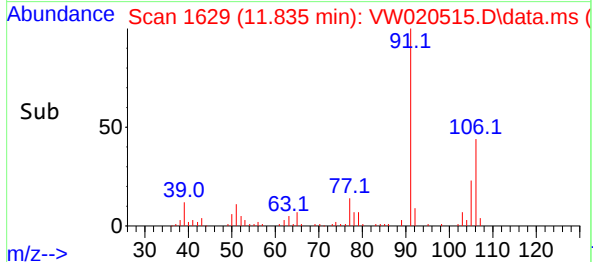
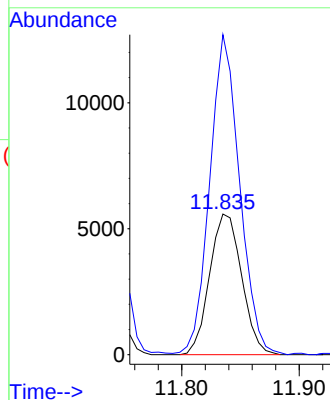
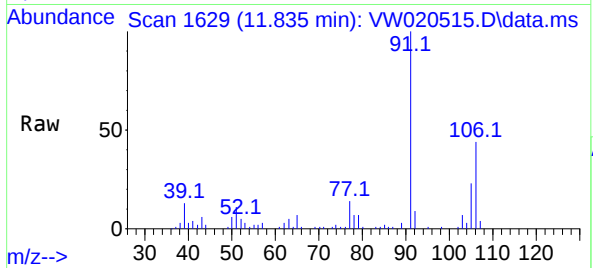
#53
m,p-Xylene
Concen: 2.78 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion:106 Resp: 10573
Ion Ratio Lower Upper
106 100
91 227.4 148.2 275.2

Instrument :
MSVOA_W
ClientSampleId :
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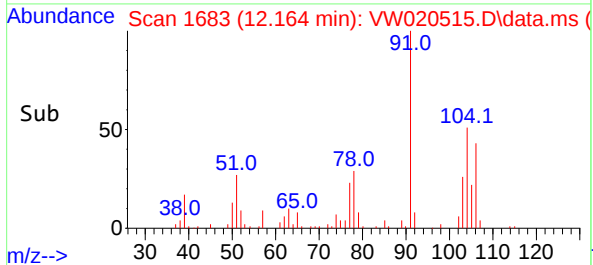
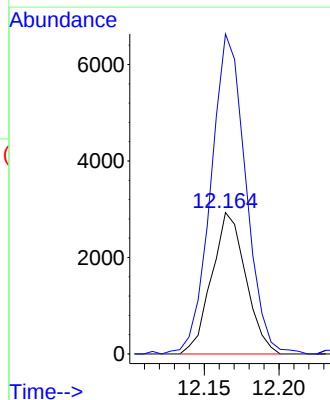
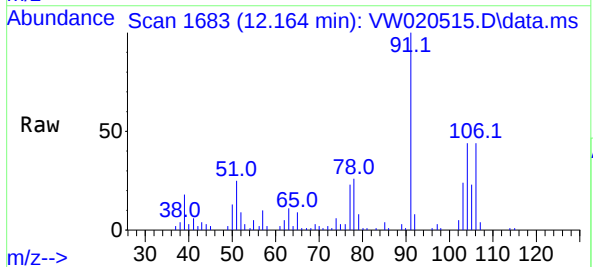
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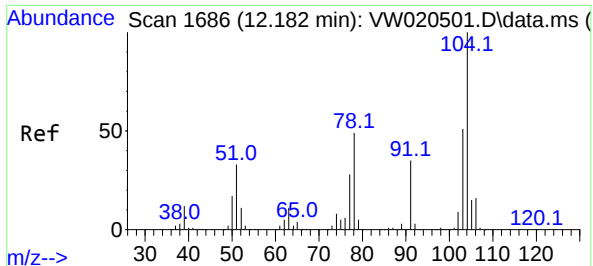
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#54
o-Xylene
Concen: 1.32 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion:106 Resp: 4648
Ion Ratio Lower Upper
106 100
91 226.2 156.1 289.9





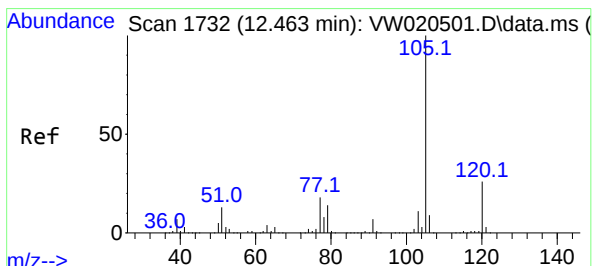
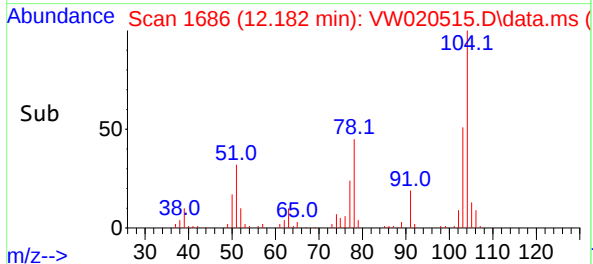
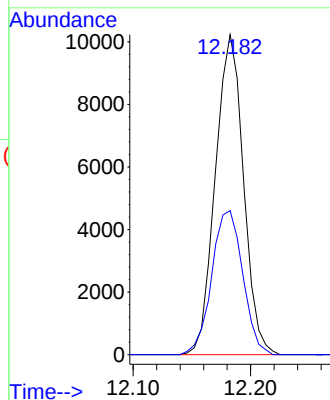
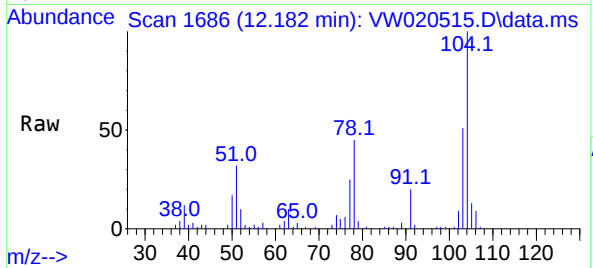
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Styrene
Concen: 2.77 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion:104 Resp: 17016
Ion Ratio Lower Upper
104 100
78 45.0 33.2 61.7

Instrument :
MSVOA_W
ClientSampleId :
JDGC3

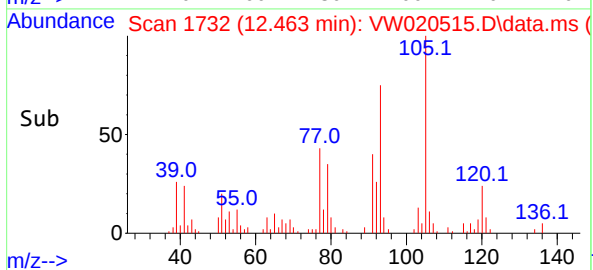
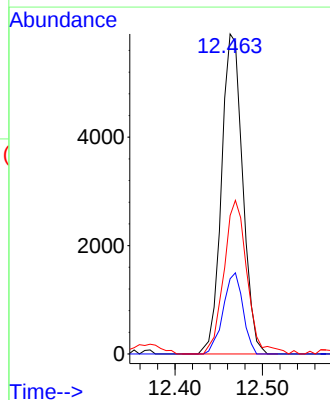
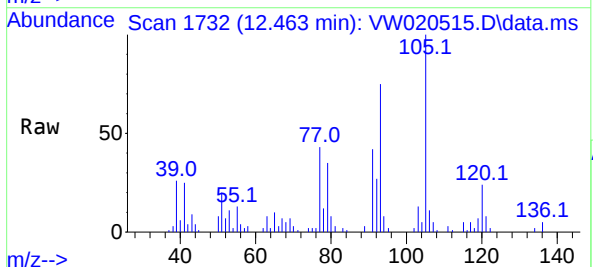
Manual Integrations
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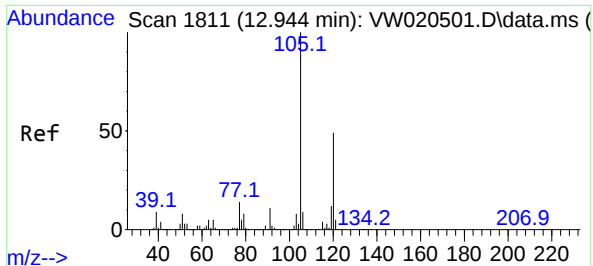
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#60
Isopropylbenzene
Concen: 1.84 ug/L m
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

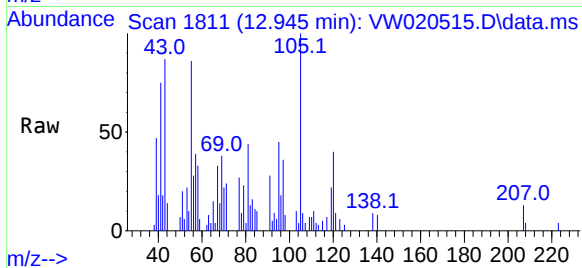
Tgt Ion:105 Resp: 9910
Ion Ratio Lower Upper
105 100
120 16.1 20.3 30.5#
77 8.6 13.8 20.6#





#62
1,3,5-Trimethylbenzene
Concen: 0.73 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

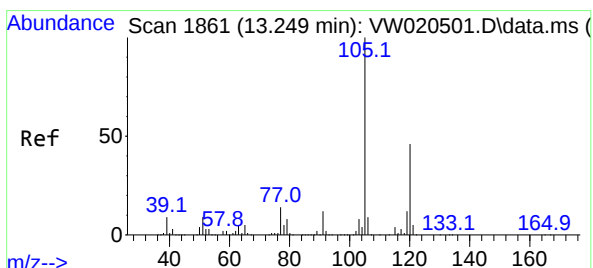
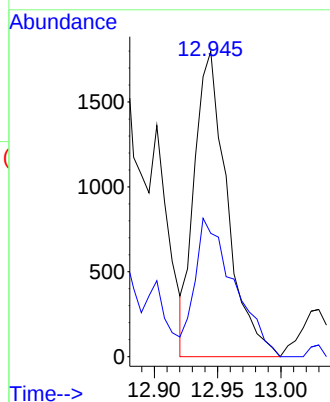
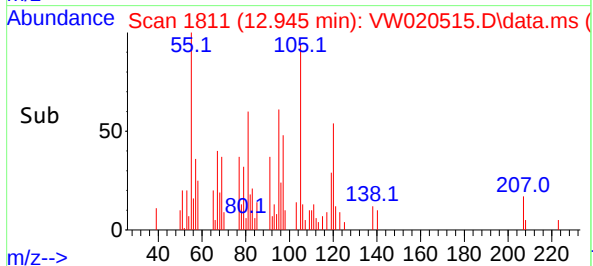
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MSVOA_W
ClientSampled :
JDGC3



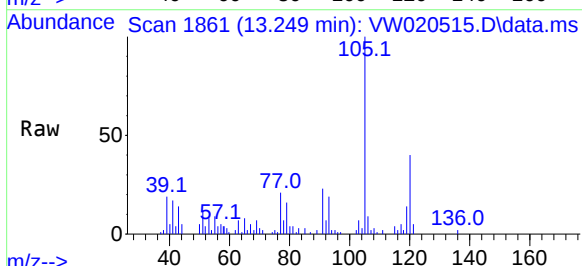
Tgt Ion:105 Resp: 3228
Ion Ratio Lower Upper
105 100
120 54.5 37.9 56.9

Manual Integrations
APPROVED

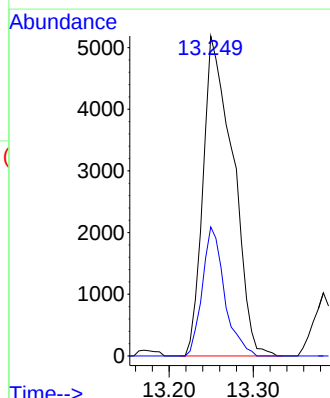
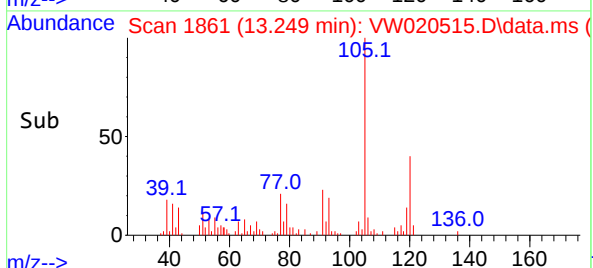
MMDadoda
10/18/2021 5:52:35 PM

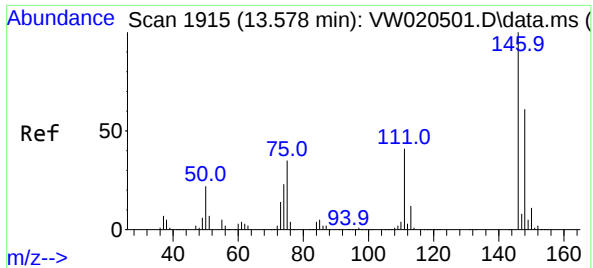


#63
1,2,4-Trimethylbenzene
Concen: 2.92 ug/L m
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

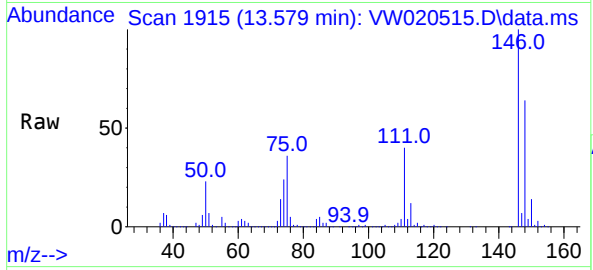


Tgt Ion:105 Resp: 12758
Ion Ratio Lower Upper
105 100
120 3.7 35.4 53.2#

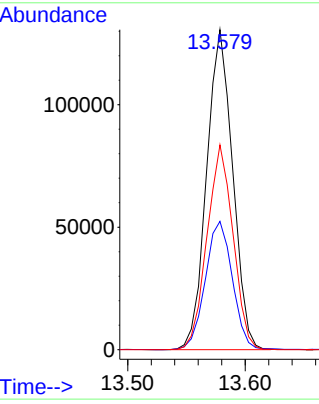
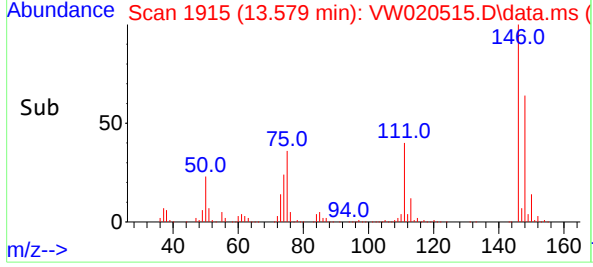




#65
1,4-Dichlorobenzene
Concen: 83.40 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12



Tgt Ion:146 Resp: 201458
Ion Ratio Lower Upper
146 100
111 40.1 30.9 57.5
148 64.0 46.1 85.7



Instrument :
MSVOA_W
ClientSampleId :
JDGC3

Manual Integrations
APPROVED

MMDadoda
10/18/2021 5:52:35 PM