

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020521\
 Data File : VW018035.D
 Acq On : 05 Feb 2021 15:58
 Operator : SY/VA
 Sample : M1330-05
 Misc : 5.18G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG535

Quant Time: Feb 06 01:08:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 01:06:17 2021
 Response via : Initial Calibration

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

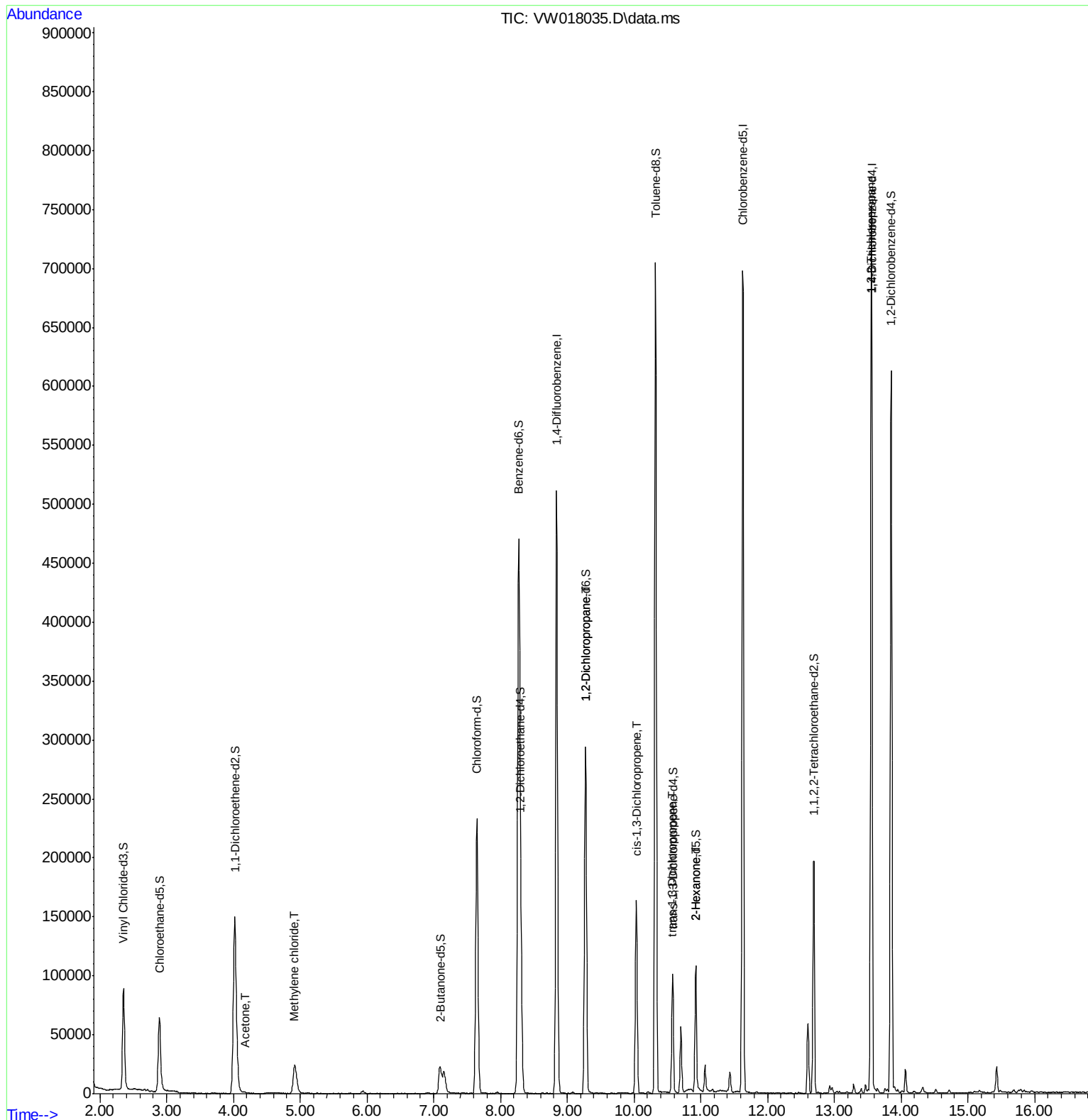
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	455692	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	420045	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	212870	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	109426	19.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.28%		
7) Chloroethane-d5	2.891	69	88330	19.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.60%		
10) 1,1-Dichloroethene-d2	4.019	63	171240	15.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.48%		
20) 2-Butanone-d5	7.098	46	44006	29.12	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	58.24%		
24) Chloroform-d	7.647	84	247567	20.70	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	82.80%		
26) 1,2-Dichloroethane-d4	8.305	65	124102	19.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	77.92%		
29) Benzene-d6	8.275	84	500511	21.70	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	86.80%		
33) 1,2-Dichloropropane-d6	9.274	67	140009	21.70	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.80%		
37) Toluene-d8	10.323	98	469824	21.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	85.64%		
38) trans-1,3-Dichloroprop...	10.579	79	57527	19.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	78.68%		
39) 2-Hexanone-d5	10.927	63	37905	30.73	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	61.46%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	97507	17.21	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	68.84%		
61) 1,2-Dichlorobenzene-d4	13.853	152	169512	22.32	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.28%		
Target Compounds						
13) Acetone	4.172	43	1658	1.48	ug/L	57
16) Methylene chloride	4.915	84	24091	3.30	ug/L	92
40) 1,2-Dichloropropane	9.274	63	15791	2.80	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	3930	0.43	ug/L #	75
45) trans-1,3-Dichloropropene	10.573	75	2368	0.30	ug/L	89
49) 2-Hexanone	10.927	43	4235	1.74	ug/L #	62
59) 1,2,3-Trichloropropane	13.554	75	21662	5.03	ug/L	97

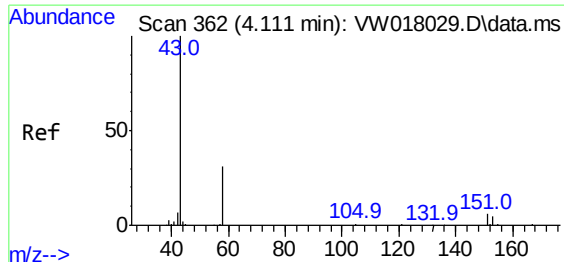
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Feb 06 01:06:17 2021
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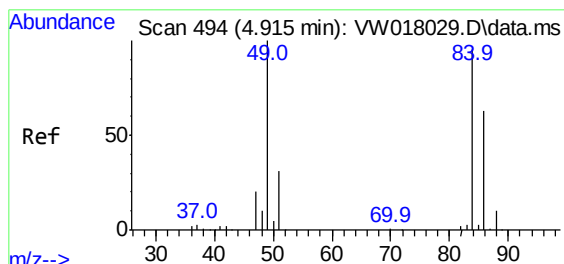
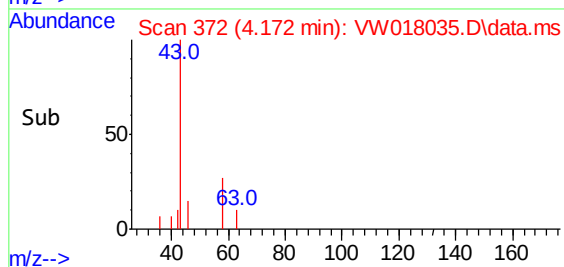
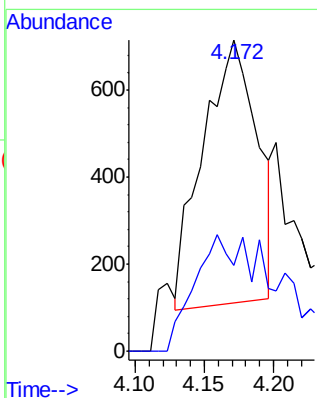
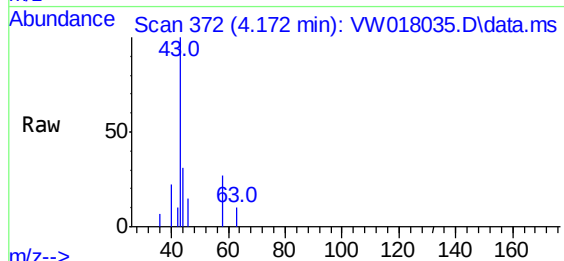




#13
Acetone
Concen: 1.48 ug/L
RT: 4.172 min Scan# 372
Delta R.T. 0.061 min
Lab File: VW018035.D
Acq: 05 Feb 2021 15:58

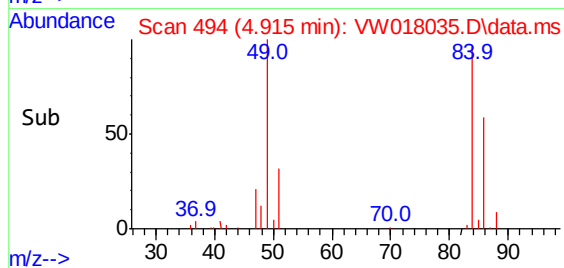
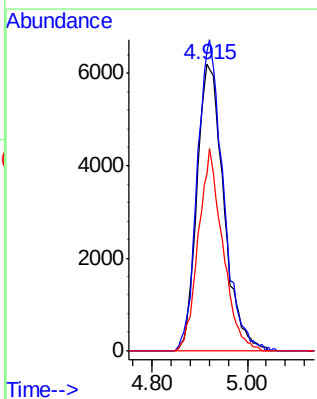
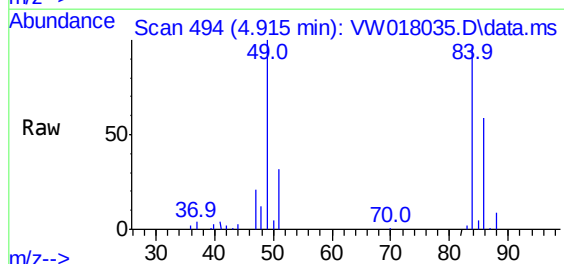
Instrument :
MSVOA_W
ClientSampled :
BG535

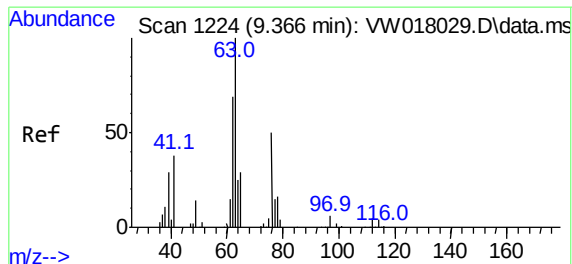
Tgt Ion: 43 Resp: 1658
Ion Ratio Lower Upper
43 100
58 9.3 0.0 68.4



#16
Methylene chloride
Concen: 3.30 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018035.D
Acq: 05 Feb 2021 15:58

Tgt Ion: 84 Resp: 24091
Ion Ratio Lower Upper
84 100
49 104.5 81.2 150.8
86 61.8 44.5 82.7

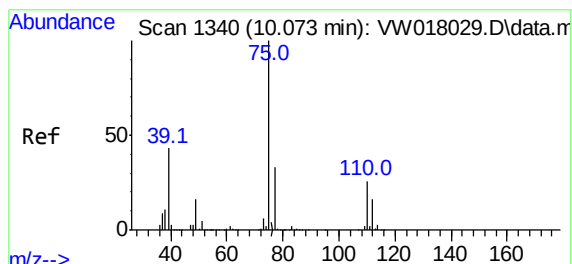
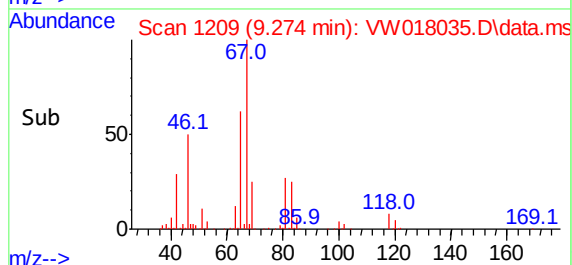
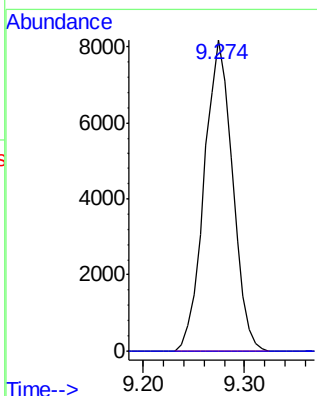
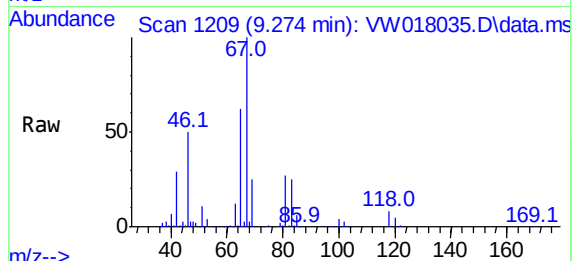




#40
1,2-Dichloropropane
Concen: 2.80 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018035.D
Acq: 05 Feb 2021 15:58

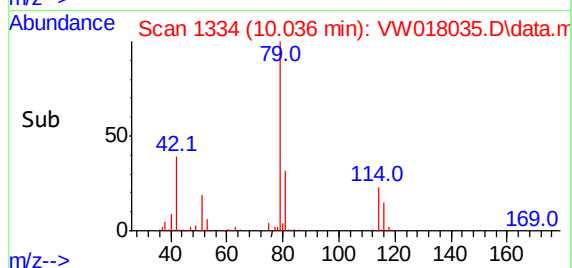
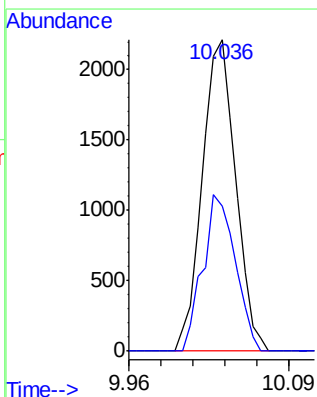
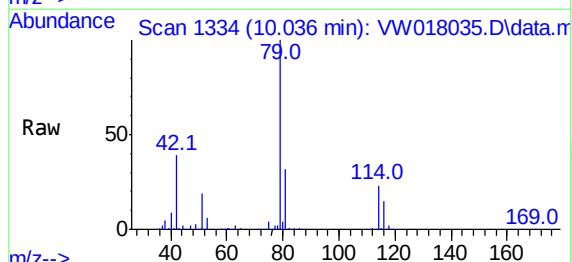
Instrument :
MSVOA_W
ClientSampled :
BG535

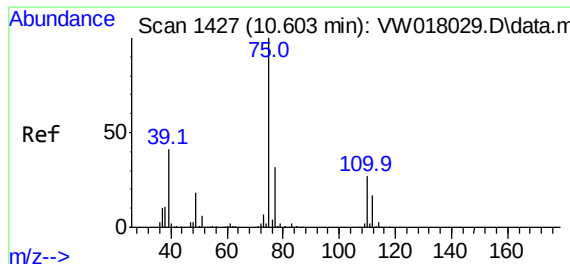
Tgt Ion: 63 Resp: 15791
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.43 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018035.D
Acq: 05 Feb 2021 15:58

Tgt Ion: 75 Resp: 3930
Ion Ratio Lower Upper
75 100
77 46.6 22.7 42.3#

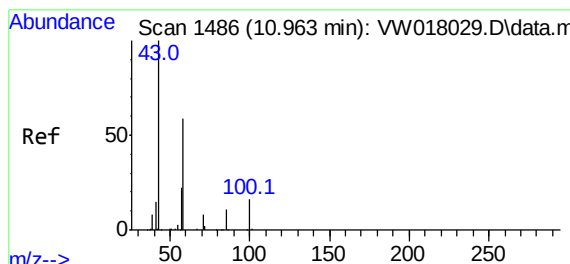
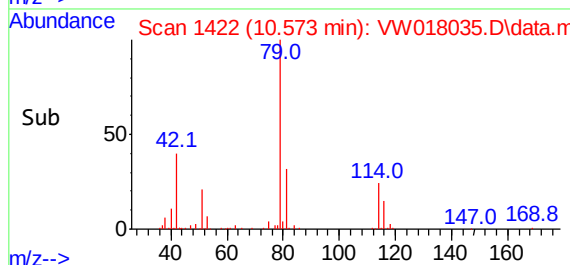
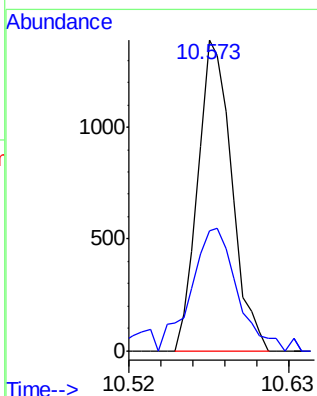
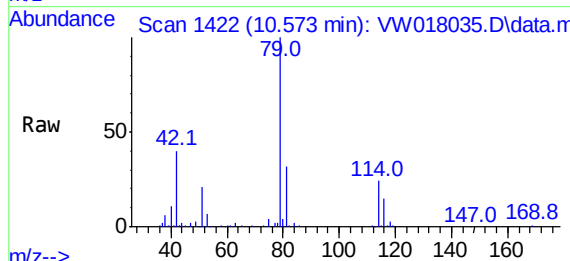




#45
trans-1,3-Dichloropropene
Concen: 0.30 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018035.D
Acq: 05 Feb 2021 15:58

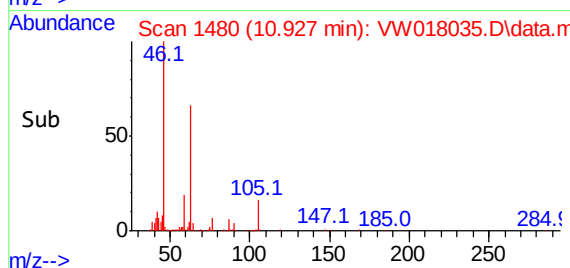
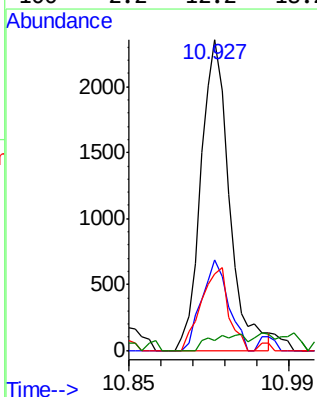
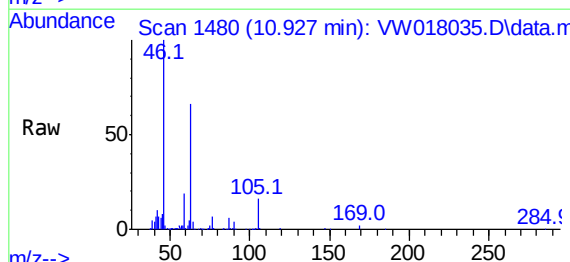
Instrument :
MSVOA_W
ClientSampled :
BG535

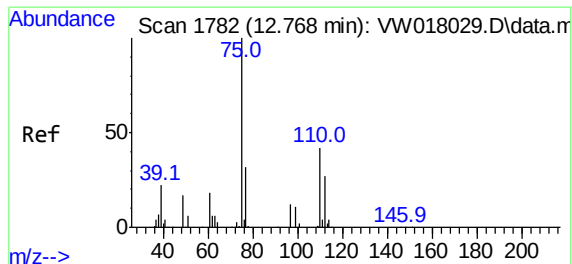
Tgt Ion: 75 Resp: 2368
Ion Ratio Lower Upper
75 100
77 38.5 22.6 42.0



#49
2-Hexanone
Concen: 1.74 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.037 min
Lab File: VW018035.D
Acq: 05 Feb 2021 15:58

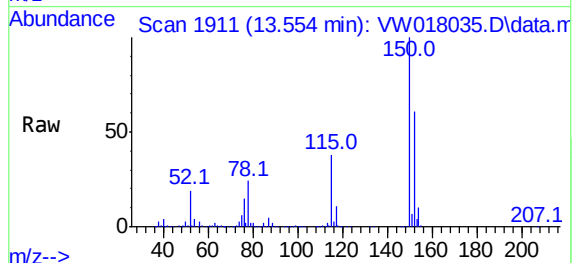
Tgt Ion: 43 Resp: 4235
Ion Ratio Lower Upper
43 100
58 27.6 51.3 76.9#
57 25.8 15.0 22.6#
100 2.2 12.2 18.2#





#59
 1,2,3-Trichloropropane
 Concen: 5.03 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.787 min
 Lab File: VW018035.D
 Acq: 05 Feb 2021 15:58

Instrument :
 MSVOA_W
 ClientSampleId :
 BG535



Tgt Ion: 75 Resp: 21662

Ion	Ratio	Lower	Upper
75	100		
77	35.0	26.6	39.8

