

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032921\
 Data File : VW018488.D
 Acq On : 29 Mar 2021 16:06
 Operator : SY/VA
 Sample : M1816-18RE
 Misc : 4.56G/10ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Q5RE

Quant Time: Mar 30 03:14:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 30 03:10:03 2021
 Response via : Initial Calibration

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

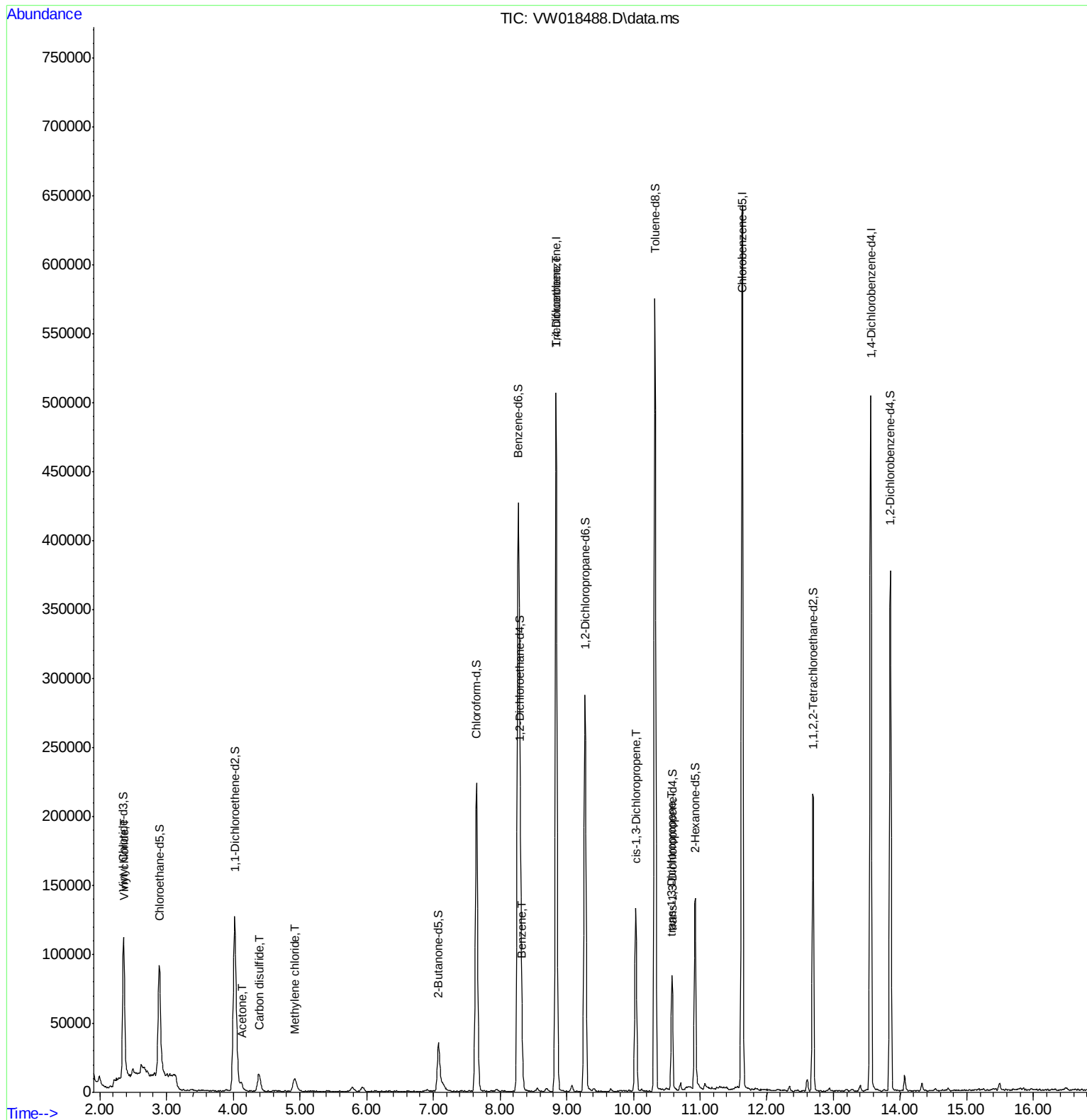
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	413309	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	342646	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	126148	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	130488	22.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.76%		
7) Chloroethane-d5	2.892	69	114288	22.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.80%		
10) 1,1-Dichloroethene-d2	4.025	63	144201	14.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	58.08%		
20) 2-Butanone-d5	7.080	46	59894	46.78	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.56%		
24) Chloroform-d	7.647	84	224360	21.31	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.24%		
26) 1,2-Dichloroethane-d4	8.305	65	135584	22.06	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.24%		
29) Benzene-d6	8.275	84	424695	23.31	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.24%		
33) 1,2-Dichloropropane-d6	9.275	67	124166	23.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.52%		
37) Toluene-d8	10.323	98	375019	21.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	85.52%		
38) trans-1,3-Dichloroprop...	10.579	79	45747	16.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	67.52%		
39) 2-Hexanone-d5	10.927	63	48332	47.00	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	94.00%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	101153	21.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	86.08%		
61) 1,2-Dichlorobenzene-d4	13.853	152	93379	20.82	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	83.28%		
Target Compounds						
5) Vinyl chloride	2.361	62	3976	0.51	ug/L #	12
13) Acetone	4.129	43	9656	10.50	ug/L	64
14) Carbon disulfide	4.391	76	27083	1.73	ug/L	95
16) Methylene chloride	4.922	84	7935	1.17	ug/L	89
34) Benzene	8.330	78	18935	0.95	ug/L	100
35) Trichloroethene	8.842	95	12825	2.34	ug/L #	6
42) cis-1,3-Dichloropropene	10.037	75	3902	0.48	ug/L #	69
45) trans-1,3-Dichloropropene	10.573	75	2138	0.29	ug/L	100

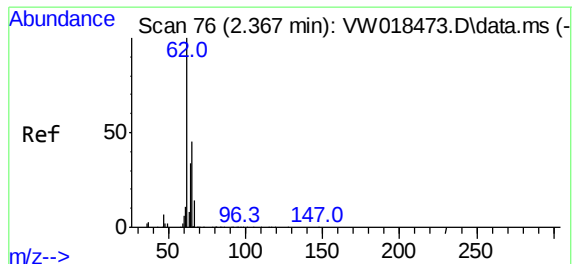
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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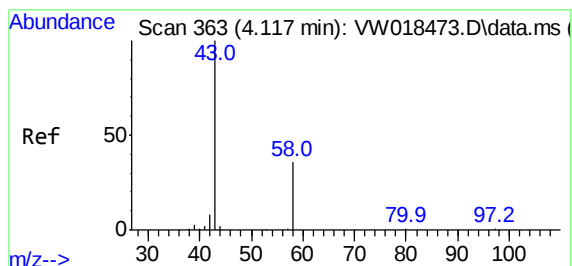
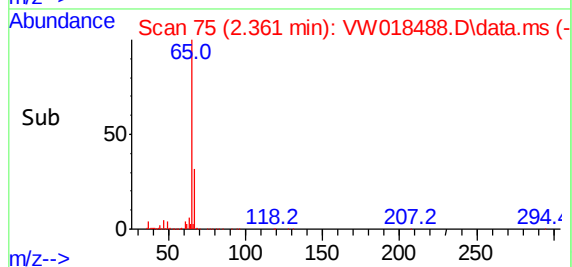
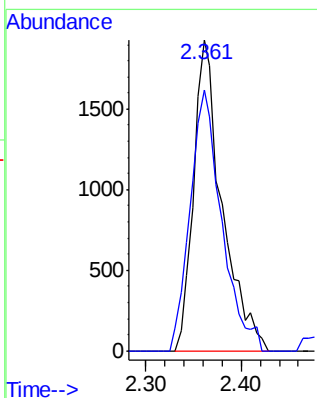
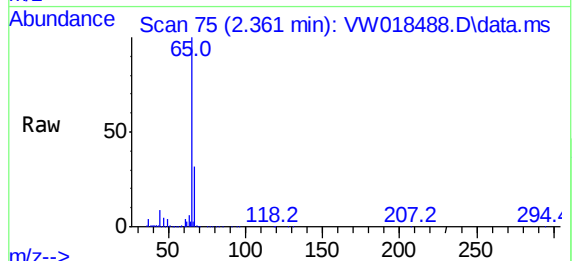




#5
 Vinyl chloride
 Concen: 0.51 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: VW018488.D
 Acq: 29 Mar 2021 16:06

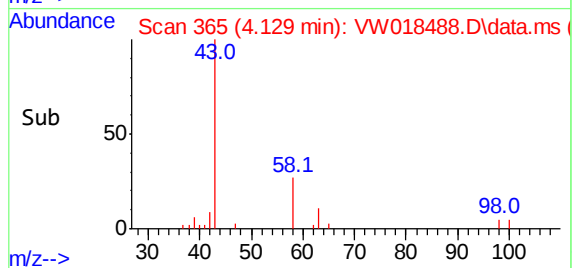
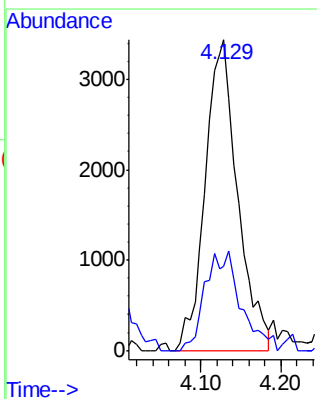
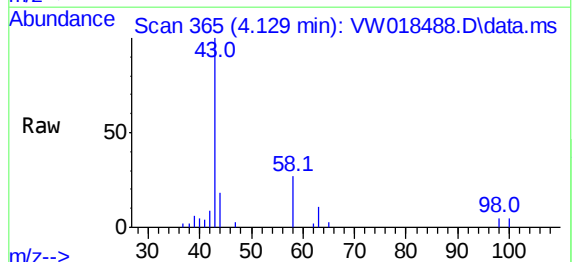
Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Q5RE

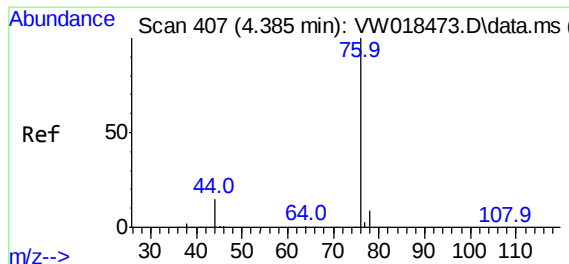
Tgt Ion: 62 Resp: 3976
 Ion Ratio Lower Upper
 62 100
 64 84.0 23.5 43.7#



#13
 Acetone
 Concen: 10.50 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. 0.012 min
 Lab File: VW018488.D
 Acq: 29 Mar 2021 16:06

Tgt Ion: 43 Resp: 9656
 Ion Ratio Lower Upper
 43 100
 58 11.3 0.0 62.2

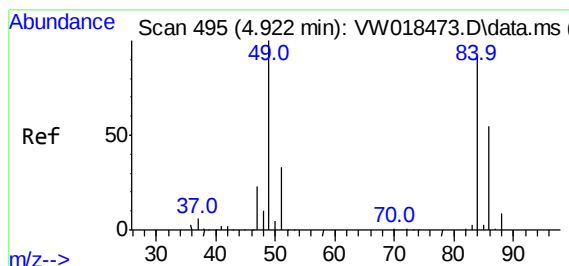
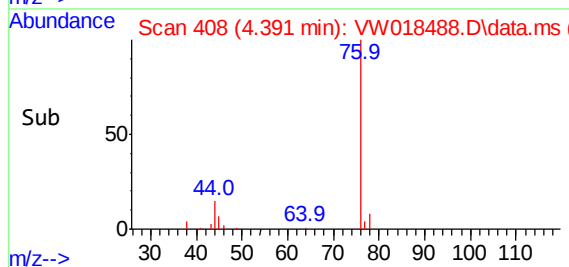
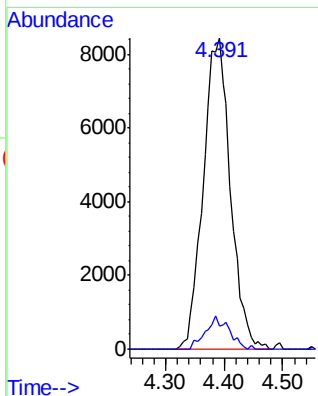
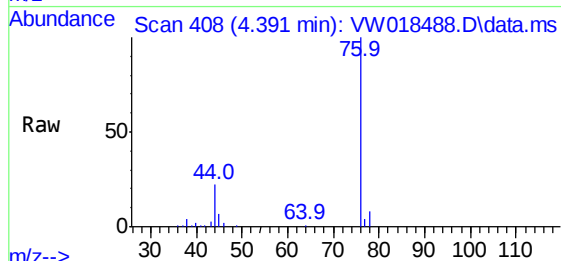




#14
Carbon disulfide
Concen: 1.73 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018488.D
Acq: 29 Mar 2021 16:06

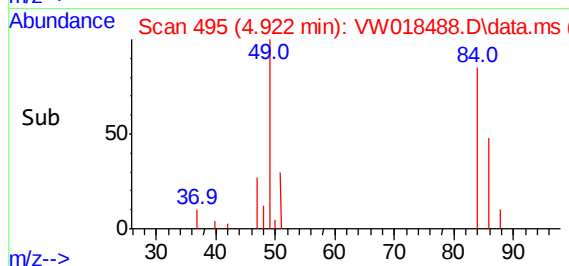
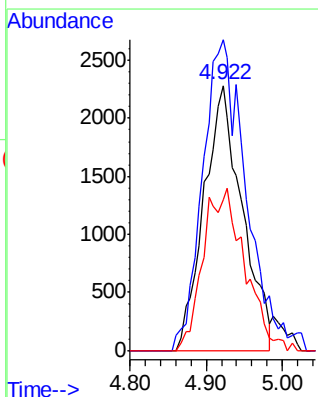
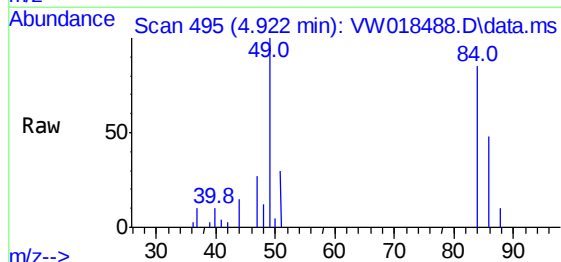
Instrument :
MSVOA_W
ClientSampleId :
BG3Q5RE

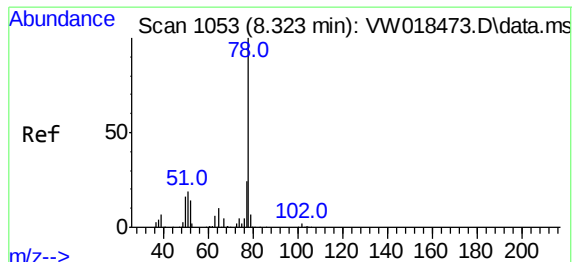
Tgt Ion:	76	Resp:	27083
Ion	Ratio	Lower	Upper
76	100		
78	7.5	7.4	11.2



#16
Methylene chloride
Concen: 1.17 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018488.D
Acq: 29 Mar 2021 16:06

Tgt Ion:	84	Resp:	7935
Ion	Ratio	Lower	Upper
84	100		
49	117.3	74.4	138.2
86	56.8	46.1	85.7





#34

Benzene

Concen: 0.95 ug/L

RT: 8.330 min Scan# 1054

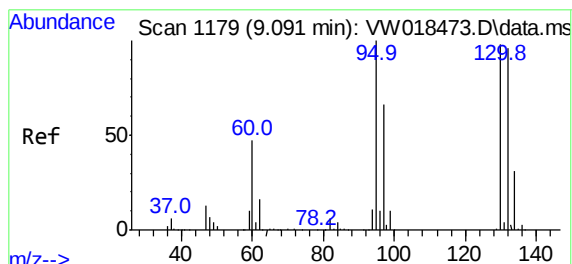
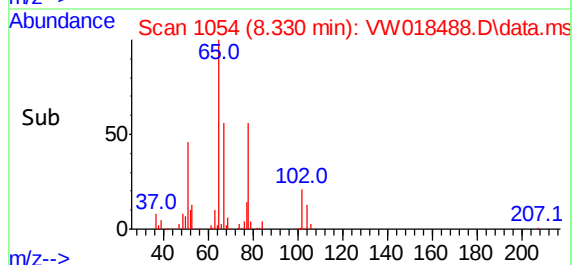
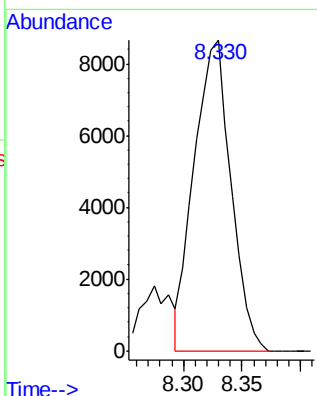
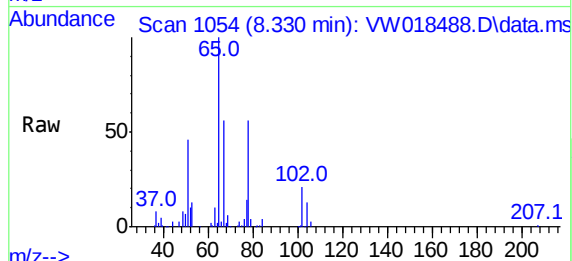
Delta R.T. 0.006 min

Lab File: VW018488.D

Acq: 29 Mar 2021 16:06

Tgt Ion: 78 Resp: 18935

Instrument :
MSVOA_W
ClientSampled :
BG3Q5RE



#35

Trichloroethene

Concen: 2.34 ug/L

RT: 8.842 min Scan# 1138

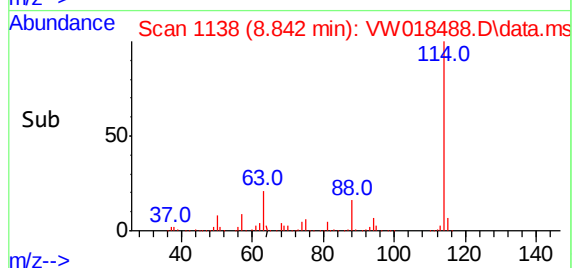
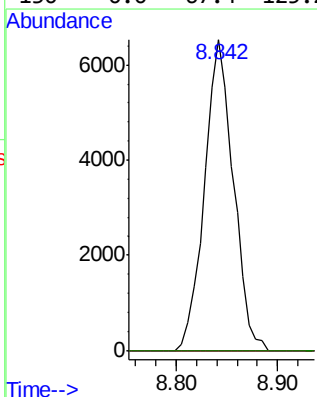
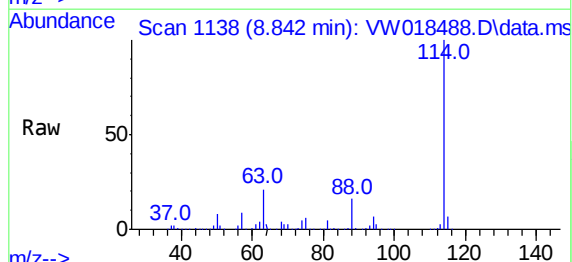
Delta R.T. -0.250 min

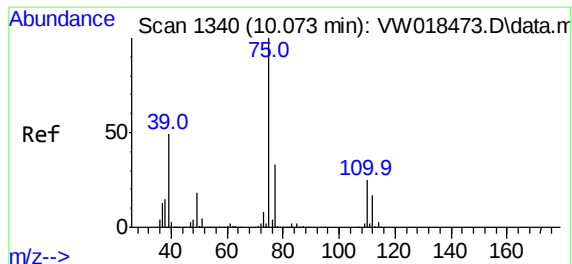
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Tgt Ion: 95 Resp: 12825

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.4	82.4#
132	0.6	65.9	122.5#
130	0.0	67.4	125.2#

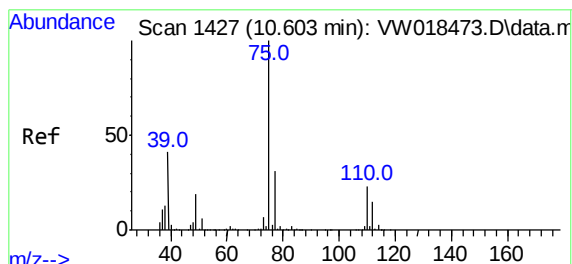
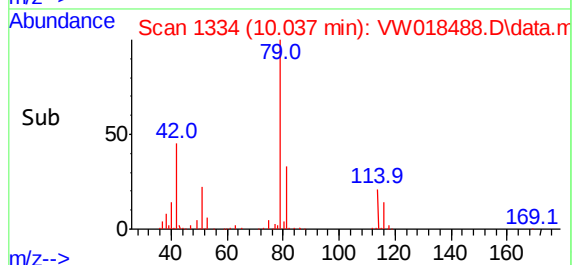
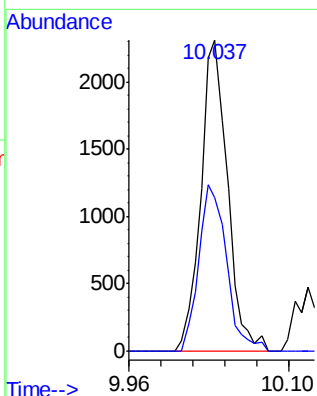
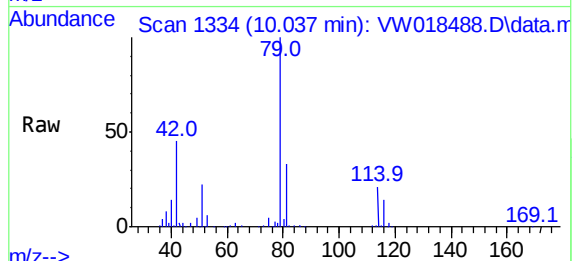




#42
cis-1,3-Dichloropropene
Concen: 0.48 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018488.D
Acq: 29 Mar 2021 16:06

Instrument :
MSVOA_W
ClientSampled :
BG3Q5RE

Tgt Ion: 75 Resp: 3902
Ion Ratio Lower Upper
75 100
77 49.2 22.4 41.6#



#45
trans-1,3-Dichloropropene
Concen: 0.29 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018488.D
Acq: 29 Mar 2021 16:06

Tgt Ion: 75 Resp: 2138
Ion Ratio Lower Upper
75 100
77 32.5 22.6 42.0

