

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032921\
 Data File : VW018478.D
 Acq On : 29 Mar 2021 12:05
 Operator : SY/VA
 Sample : M1816-18
 Misc : 5.60G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Q5

Quant Time: Mar 30 03:11:39 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)

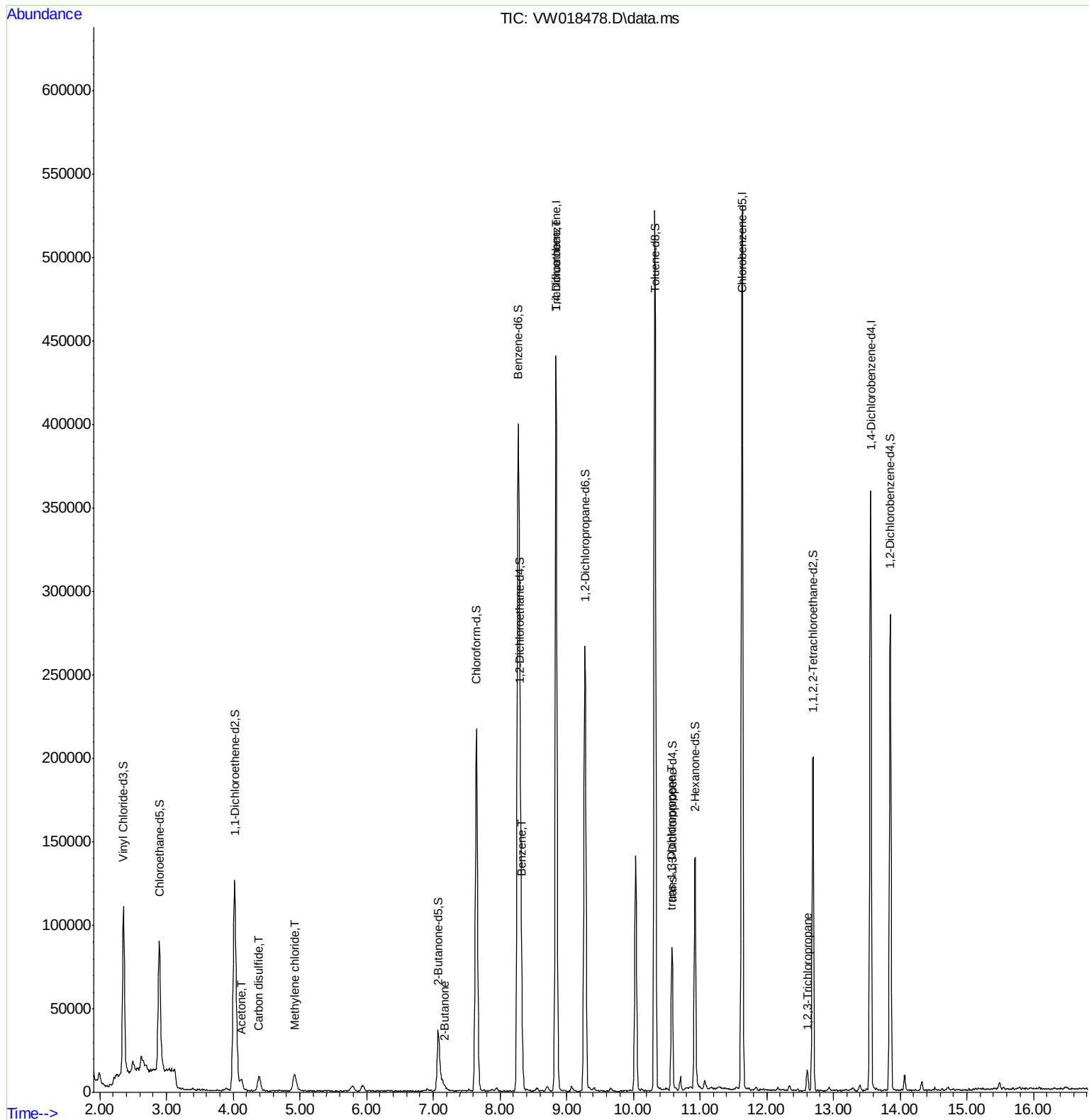
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	363575	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	284397	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	90398	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	116295	22.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.96%		
7) Chloroethane-d5	2.891	69	104220	23.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.12%		
10) 1,1-Dichloroethene-d2	4.019	63	140371	16.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	64.28%		
20) 2-Butanone-d5	7.080	46	60506	53.72	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.44%		
24) Chloroform-d	7.647	84	214638	23.18	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.72%		
26) 1,2-Dichloroethane-d4	8.305	65	131581	24.34	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.36%		
29) Benzene-d6	8.275	84	402224	26.60	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	106.40%		
33) 1,2-Dichloropropane-d6	9.274	67	117894	27.03	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	108.12%		
37) Toluene-d8	10.323	98	349023	23.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	95.92%		
38) trans-1,3-Dichloroprop...	10.579	79	47467	21.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	84.40%		
39) 2-Hexanone-d5	10.927	63	50097	58.70	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	117.40%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	96405	24.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	98.84%		
61) 1,2-Dichlorobenzene-d4	13.853	152	65175	20.28	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	81.12%		
Target Compounds						
13) Acetone	4.123	43	10650	13.16	ug/L	93
14) Carbon disulfide	4.385	76	10951	0.80	ug/L	97
16) Methylene chloride	4.922	84	4082	0.68	ug/L	93
21) 2-Butanone	7.171	43	1757	1.37	ug/L	94
34) Benzene	8.323	78	27476	1.67	ug/L	100
35) Trichloroethene	8.842	95	11638	2.56	ug/L #	6
45) trans-1,3-Dichloropropene	10.573	75	2489	0.41	ug/L	97
59) 1,2,3-Trichloropropane	12.615	75	676	0.23	ug/L #	57

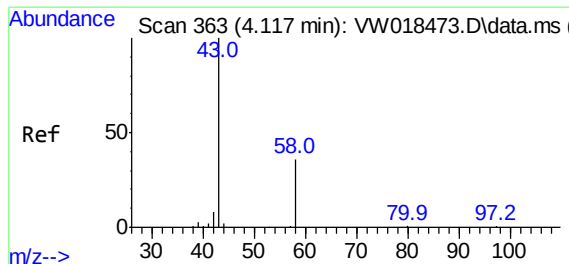
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Mar 30 03:10:03 2021
Response via : Initial Calibration

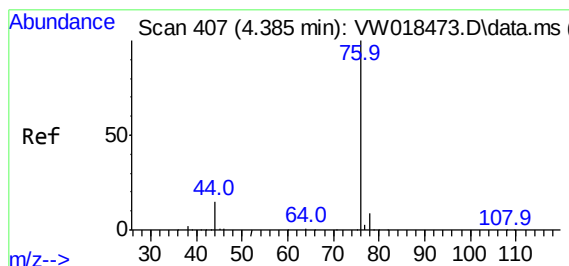
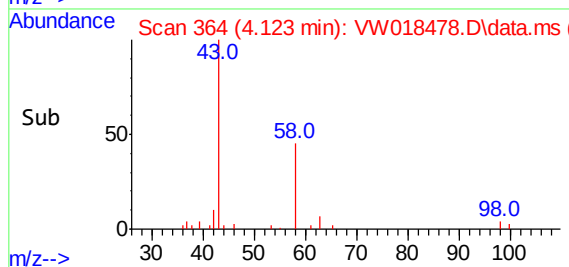
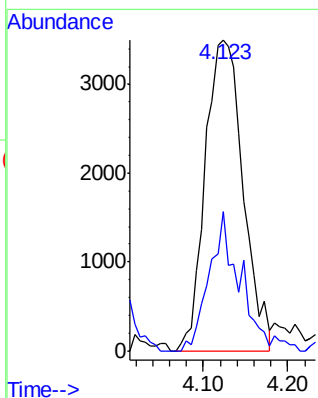
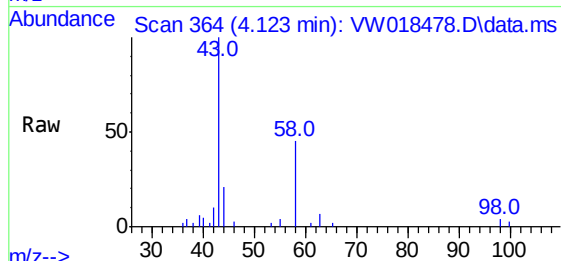




#13
Acetone
Concen: 13.16 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018478.D
Acq: 29 Mar 2021 12:05

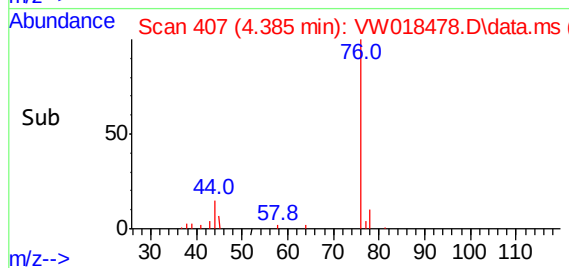
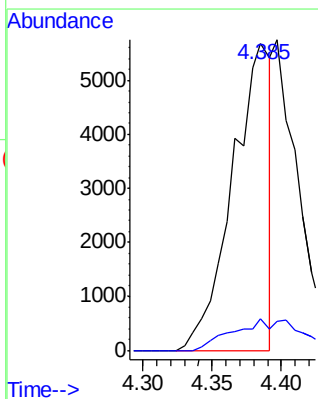
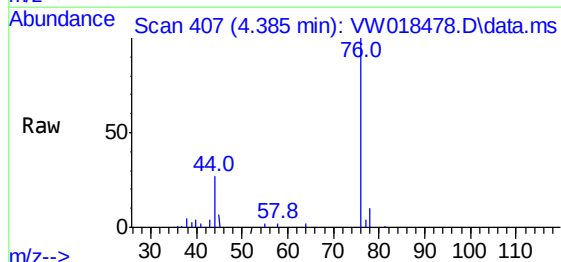
Instrument :
MSVOA_W
ClientSampled :
BG3Q5

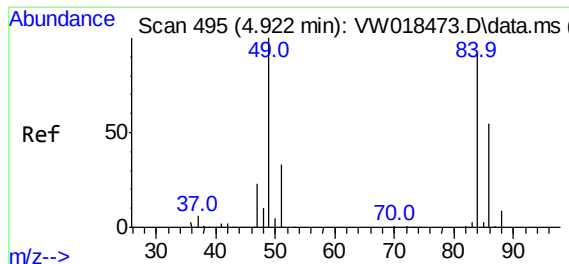
Tgt Ion: 43 Resp: 10650
Ion Ratio Lower Upper
43 100
58 27.4 0.0 62.2



#14
Carbon disulfide
Concen: 0.80 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018478.D
Acq: 29 Mar 2021 12:05

Tgt Ion: 76 Resp: 10951
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.2



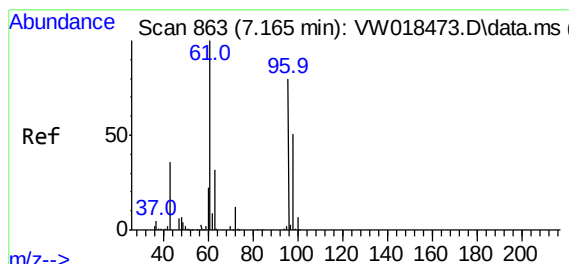
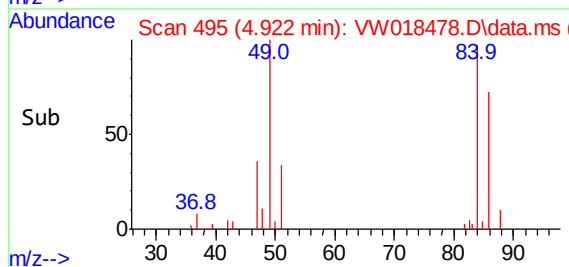
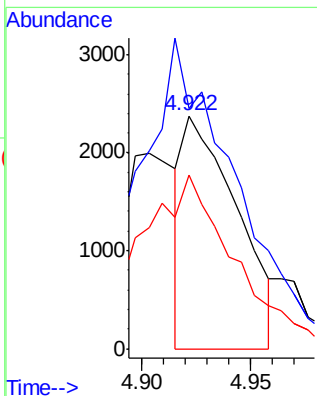
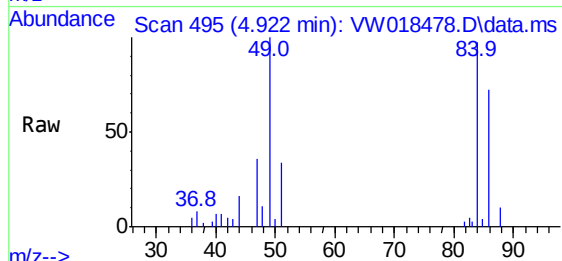


#16
Methylene chloride
Concen: 0.68 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018478.D
Acq: 29 Mar 2021 12:05

Instrument :
MSVOA_W
ClientSampled :
BG3Q5

Tgt Ion: 84 Resp: 4082

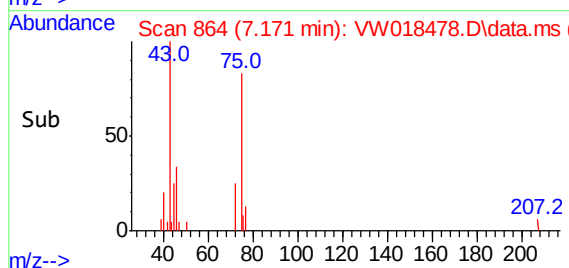
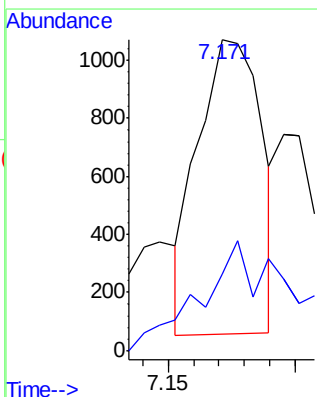
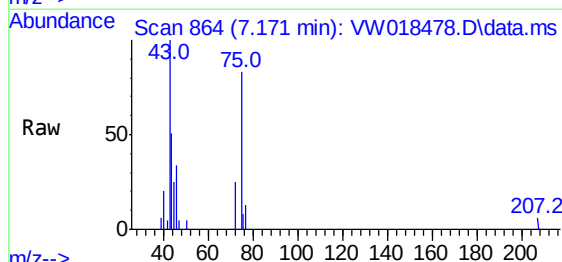
Ion	Ratio	Lower	Upper
84	100		
49	99.6	74.4	138.2
86	71.9	46.1	85.7

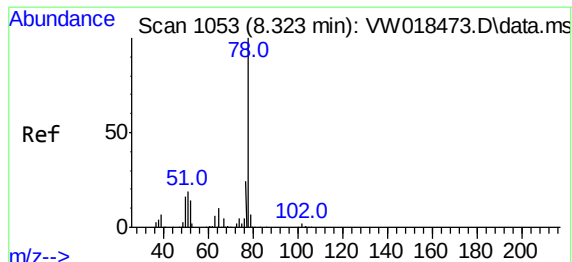


#21
2-Butanone
Concen: 1.37 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018478.D
Acq: 29 Mar 2021 12:05

Tgt Ion: 43 Resp: 1757

Ion	Ratio	Lower	Upper
43	100		
72	29.6	16.5	49.5





#34

Benzene

Concen: 1.67 ug/L

RT: 8.323 min Scan# 1053

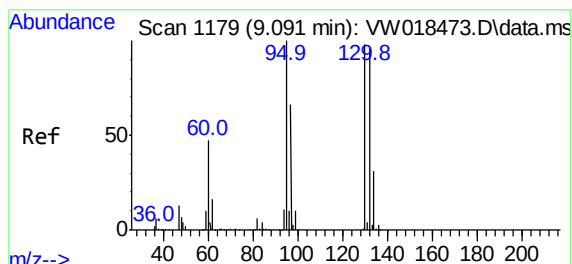
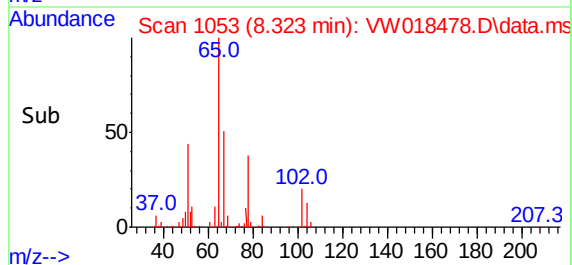
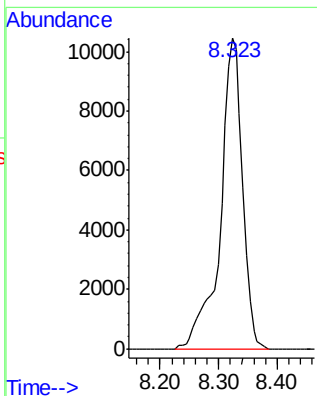
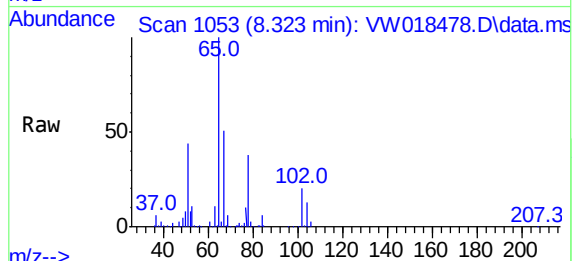
Delta R.T. 0.000 min

Lab File: VW018478.D

Acq: 29 Mar 2021 12:05

Tgt Ion: 78 Resp: 27476

Instrument :
MSVOA_W
ClientSampled :
BG3Q5



#35

Trichloroethene

Concen: 2.56 ug/L

RT: 8.842 min Scan# 1138

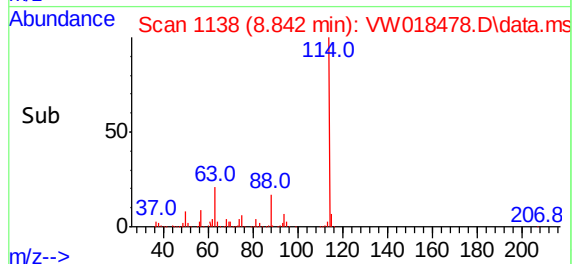
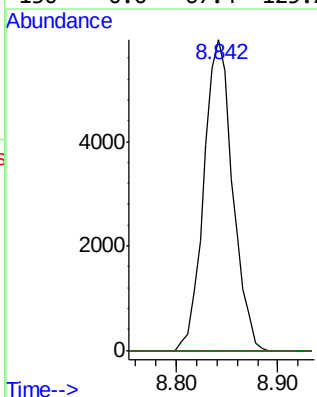
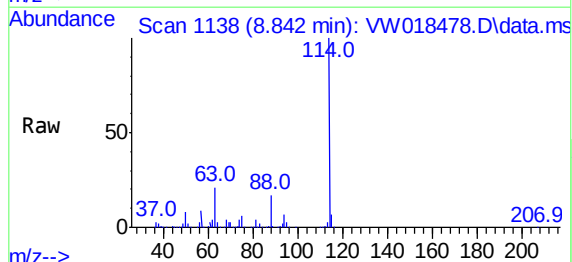
Delta R.T. -0.250 min

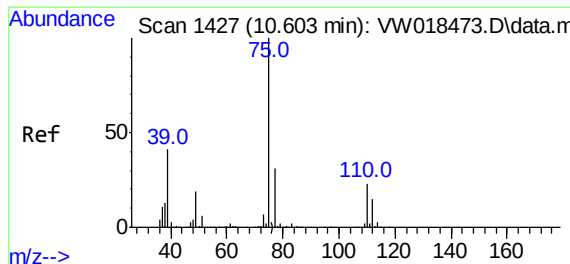
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Acq: 29 Mar 2021 12:05

Tgt Ion: 95 Resp: 11638

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.4	82.4#
132	0.4	65.9	122.5#
130	0.0	67.4	125.2#

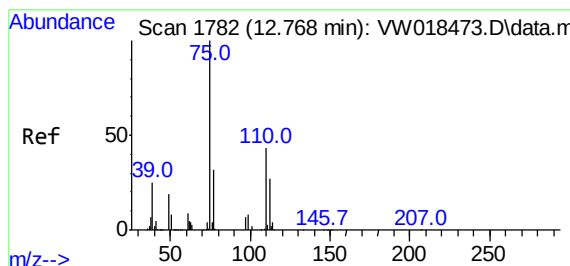
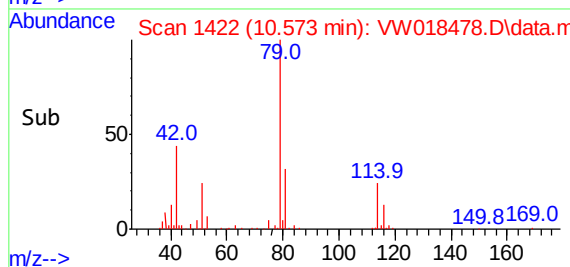
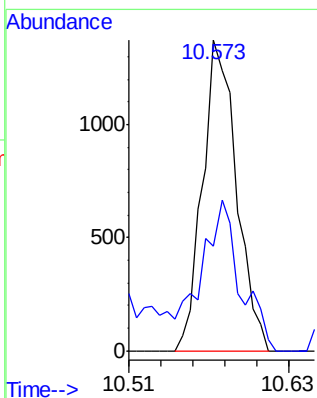
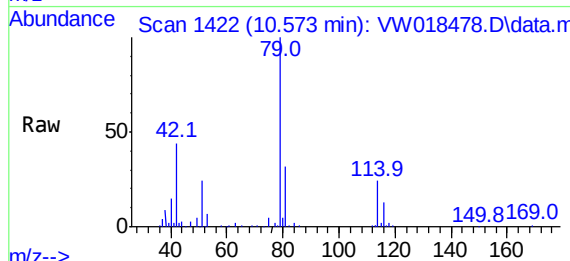




#45
trans-1,3-Dichloropropene
Concen: 0.41 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018478.D
Acq: 29 Mar 2021 12:05

Instrument :
MSVOA_W
ClientSampled :
BG3Q5

Tgt Ion: 75 Resp: 2489
Ion Ratio Lower Upper
75 100
77 33.9 22.6 42.0



#59
1,2,3-Trichloropropane
Concen: 0.23 ug/L
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW018478.D
Acq: 29 Mar 2021 12:05

Tgt Ion: 75 Resp: 676
Ion Ratio Lower Upper
75 100
77 8.0 25.6 38.4#

