

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
 Data File : VW018147.D
 Acq On : 15 Feb 2021 19:51
 Operator : SY/VA
 Sample : M1370-12RE
 Misc : 5.84G/10ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGY8RE

Quant Time: Feb 16 02:28:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 16 02:20:15 2021
 Response via : Initial Calibration

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

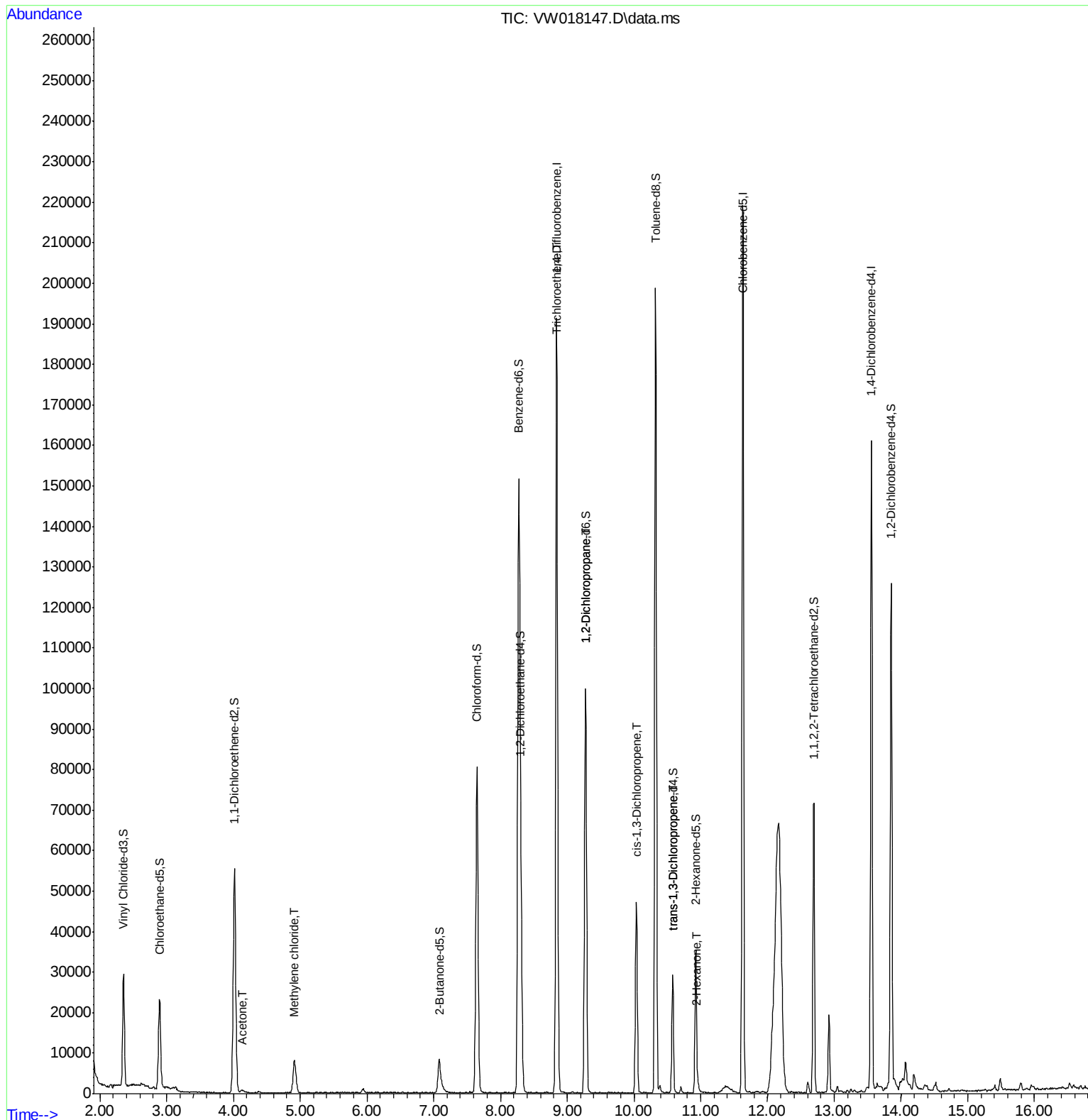
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	171783	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	134043	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	46800	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	29494	13.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.24%
7) Chloroethane-d5	2.891	69	28174	16.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.52%
10) 1,1-Dichloroethene-d2	4.013	63	52388	12.27	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.08%
20) 2-Butanone-d5	7.086	46	14553	25.54	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.08%
24) Chloroform-d	7.647	84	85767	19.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.12%
26) 1,2-Dichloroethane-d4	8.305	65	43161	17.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.88%
29) Benzene-d6	8.275	84	161165	21.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.60%
33) 1,2-Dichloropropane-d6	9.274	67	47417	23.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.12%
37) Toluene-d8	10.323	98	137038	19.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.28%
38) trans-1,3-Dichloroprop...	10.579	79	16093	17.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.00%
39) 2-Hexanone-d5	10.927	63	12445	31.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.24%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	36240	20.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.16%
61) 1,2-Dichlorobenzene-d4	13.853	152	34581	20.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.84%
Target Compounds						
13) Acetone	4.129	43	1527	3.62	ug/L	87
16) Methylene chloride	4.909	84	6443	2.34	ug/L	89
35) Trichloroethene	8.848	95	5264	2.38	ug/L #	3
40) 1,2-Dichloropropane	9.274	63	5435	3.02	ug/L #	84
42) cis-1,3-Dichloropropene	10.037	75	1167	0.40	ug/L	93
45) trans-1,3-Dichloropropene	10.579	75	733	0.29	ug/L	100
49) 2-Hexanone	10.945	43	901	1.16	ug/L #	33

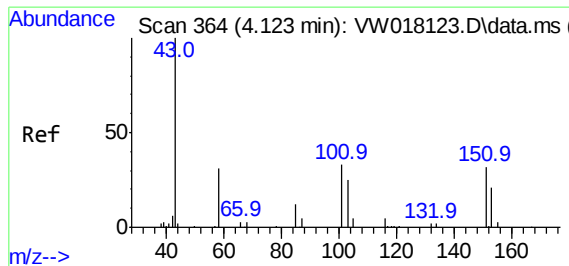
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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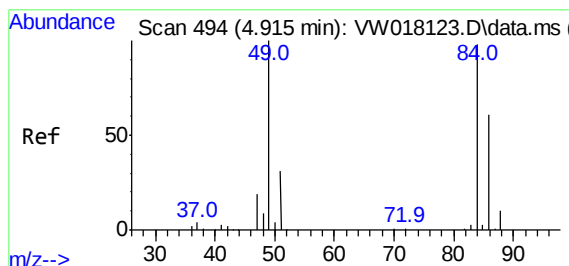
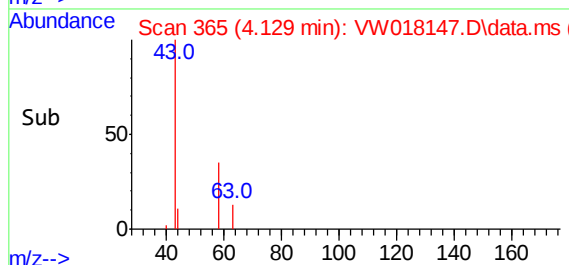
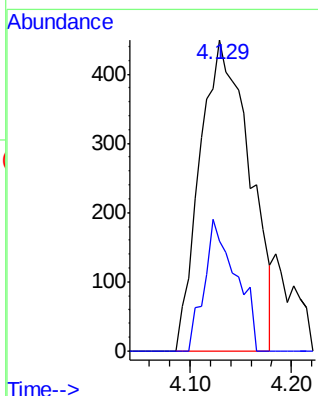
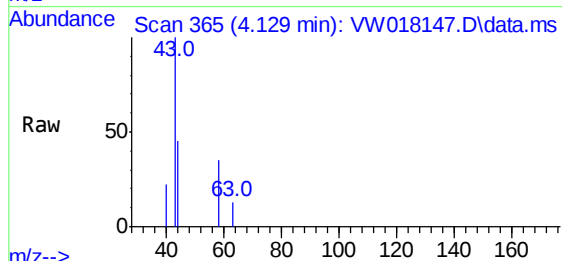




#13
Acetone
Concen: 3.62 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW018147.D
Acq: 15 Feb 2021 19:51

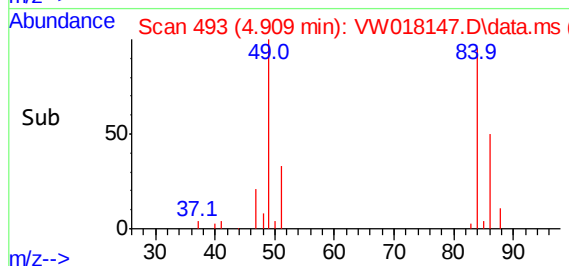
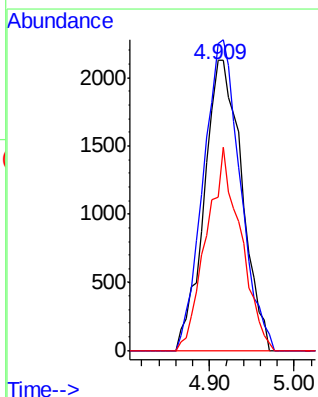
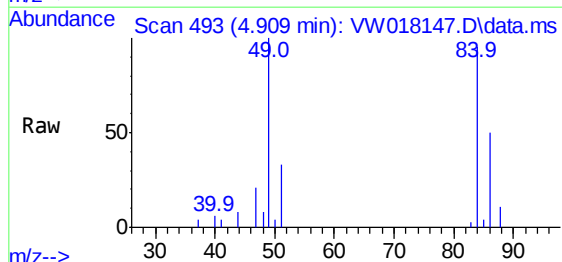
Instrument :
MSVOA_W
ClientSampleId :
DBGY8RE

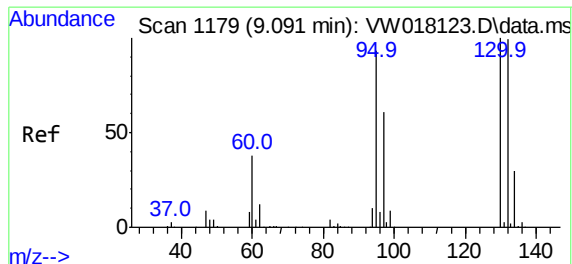
Tgt Ion: 43 Resp: 1527
Ion Ratio Lower Upper
43 100
58 26.9 0.0 68.4



#16
Methylene chloride
Concen: 2.34 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW018147.D
Acq: 15 Feb 2021 19:51

Tgt Ion: 84 Resp: 6443
Ion Ratio Lower Upper
84 100
49 105.3 81.2 150.8
86 52.7 44.5 82.7

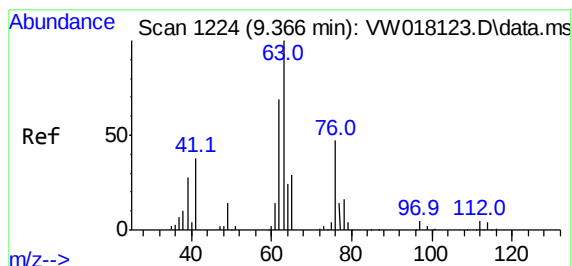
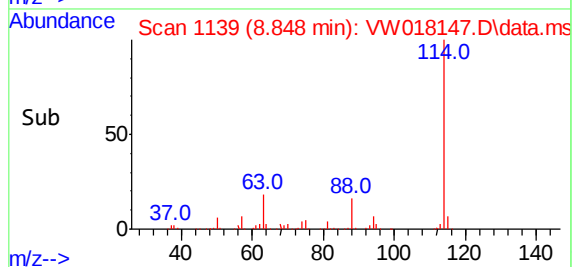
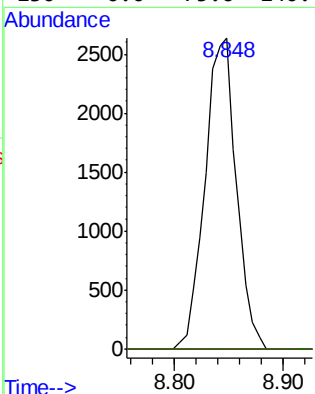
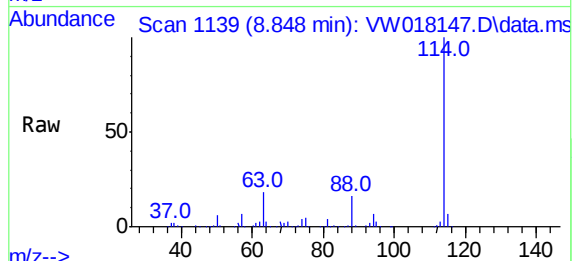




#35
Trichloroethene
Concen: 2.38 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW018147.D
Acq: 15 Feb 2021 19:51

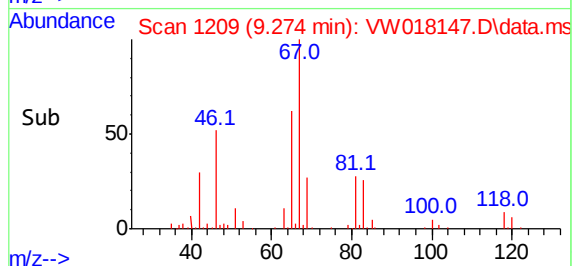
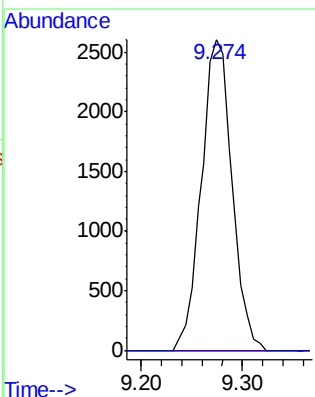
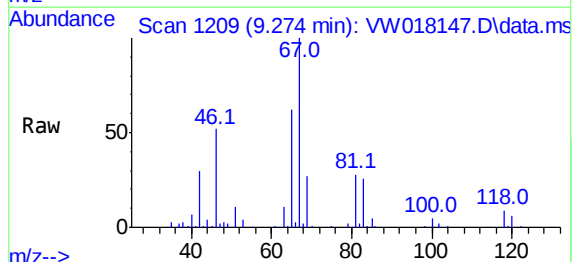
Instrument :
MSVOA_W
ClientSampleId :
DBGY8RE

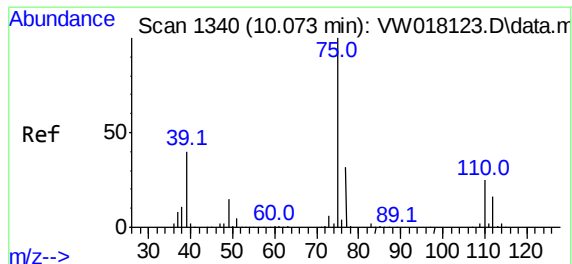
Tgt Ion: 95 Resp: 5264
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.0 71.0 131.8#
130 0.0 75.6 140.4#



#40
1,2-Dichloropropane
Concen: 3.02 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018147.D
Acq: 15 Feb 2021 19:51

Tgt Ion: 63 Resp: 5435
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

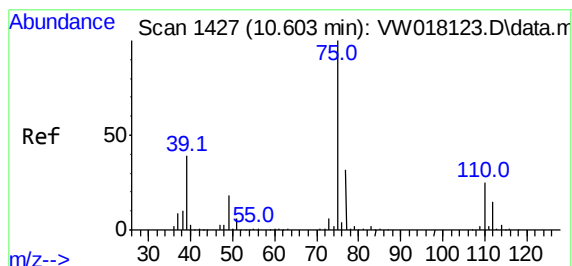
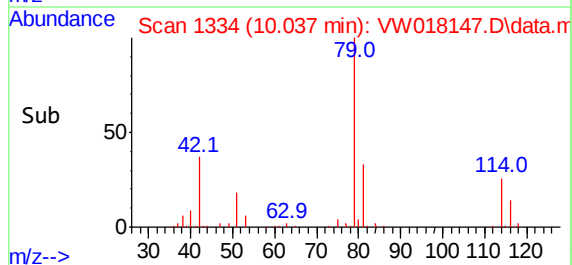
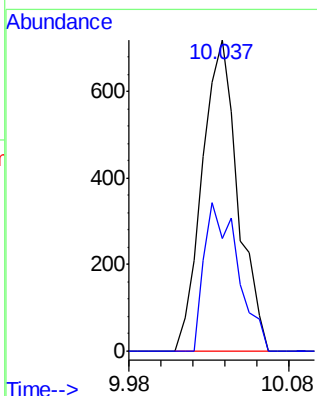
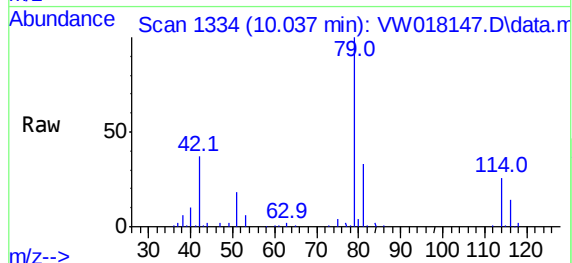




#42
cis-1,3-Dichloropropene
Concen: 0.40 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018147.D
Acq: 15 Feb 2021 19:51

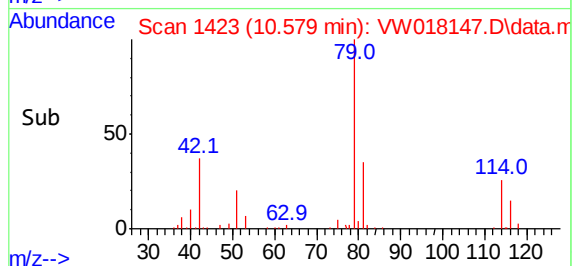
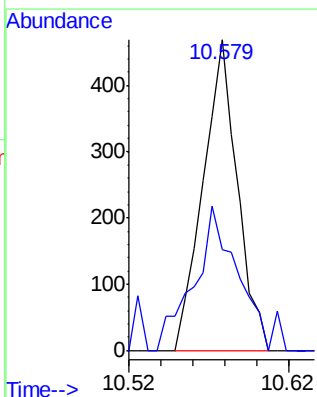
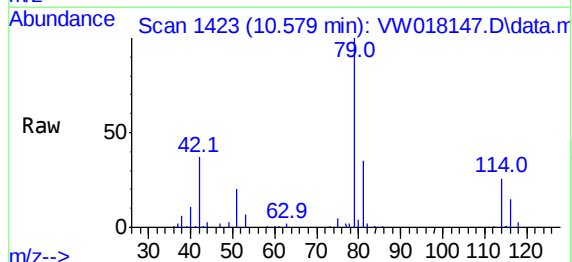
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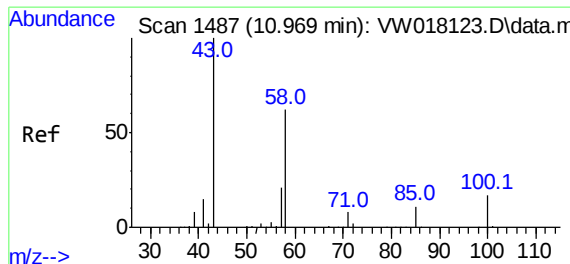
Tgt Ion: 75 Resp: 1167
Ion Ratio Lower Upper
75 100
77 36.3 22.7 42.3



#45
trans-1,3-Dichloropropene
Concen: 0.29 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018147.D
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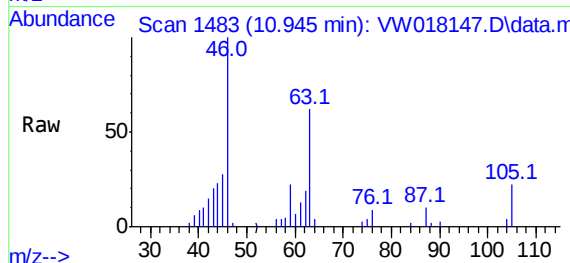
Tgt Ion: 75 Resp: 733
Ion Ratio Lower Upper
75 100
77 32.4 22.6 42.0





#49
 2-Hexanone
 Concen: 1.16 ug/L
 RT: 10.945 min Scan# 1483
 Delta R.T. -0.024 min
 Lab File: VW018147.D
 Acq: 15 Feb 2021 19:51

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGY8RE



Tgt Ion: 43 Resp: 901

Ion	Ratio	Lower	Upper
43	100		
58	0.0	51.3	76.9#
57	0.0	15.0	22.6#
100	0.0	12.2	18.2#

