

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011921\
 Data File : VW017958.D
 Acq On : 19 Jan 2021 15:23
 Operator : SY/VA
 Sample : M1170-06
 Misc : 4.04G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 20 04:57:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 04:48:23 2021
 Response via : Initial Calibration

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

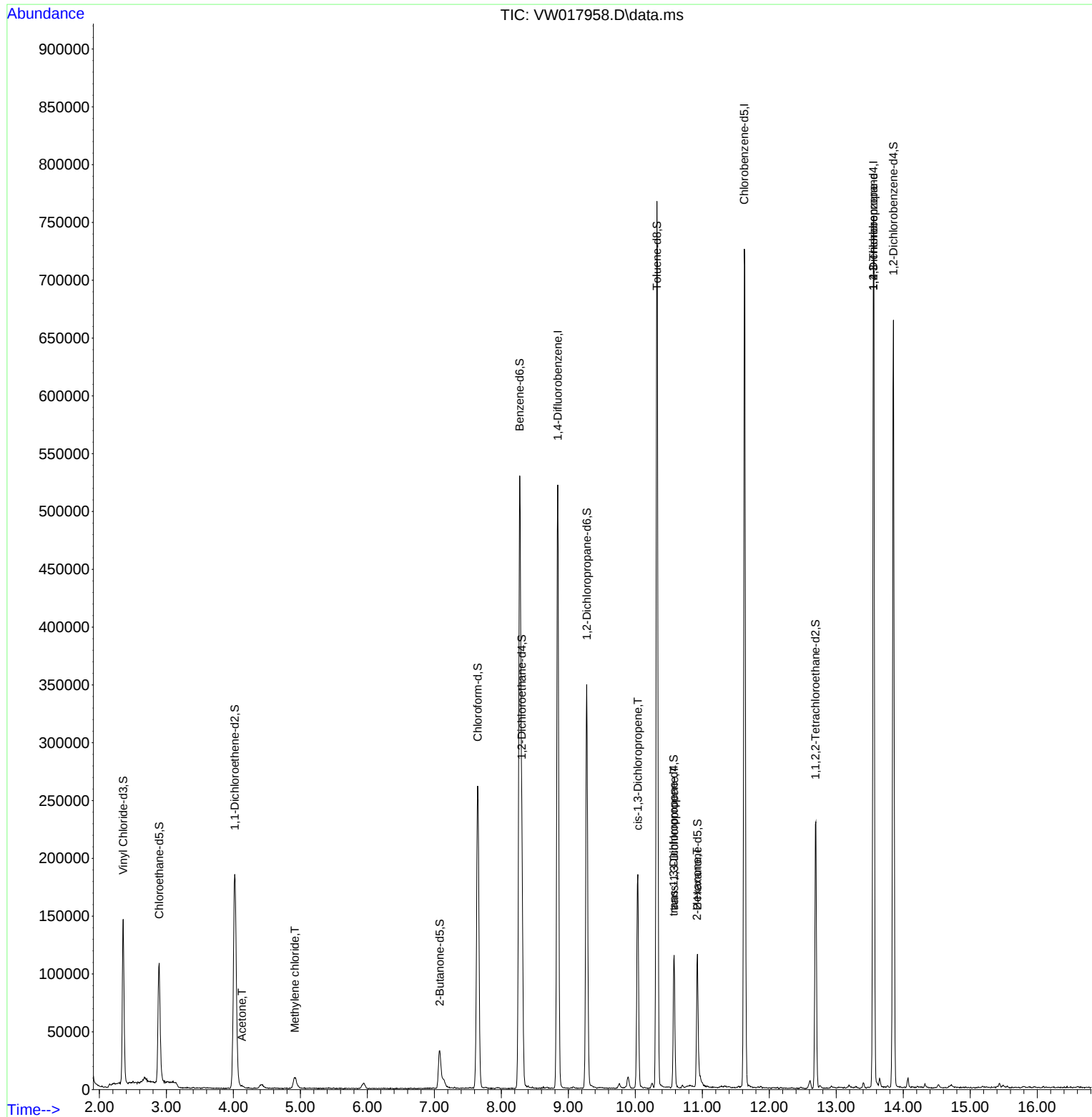
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	425507	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	386780	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	186834	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	153596	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.00%
7) Chloroethane-d5	2.892	69	124380	22.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.24%
10) 1,1-Dichloroethene-d2	4.019	63	200297	16.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.40%
20) 2-Butanone-d5	7.080	46	55932	34.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.26%
24) Chloroform-d	7.647	84	260094	22.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	8.305	65	148269	22.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.32%
29) Benzene-d6	8.275	84	521501	23.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.24%
33) 1,2-Dichloropropane-d6	9.275	67	150850	23.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.80%
37) Toluene-d8	10.323	98	492823	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.84%
38) trans-1,3-Dichloroprop...	10.573	79	60081	20.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.52%
39) 2-Hexanone-d5	10.927	63	39412	34.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.80%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	110599	19.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.96%
61) 1,2-Dichlorobenzene-d4	13.853	152	158322	24.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.40%
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	1534	1.35	ug/L	98
16) Methylene chloride	4.916	84	7472	1.21	ug/L	99
42) cis-1,3-Dichloropropene	10.037	75	5956	0.68	ug/L	92
45) trans-1,3-Dichloropropene	10.579	75	3606	0.47	ug/L	93
49) 2-Hexanone	10.921	43	5256	2.07	ug/L #	63
59) 1,2,3-Trichloropropane	13.554	75	25622	6.16	ug/L	94

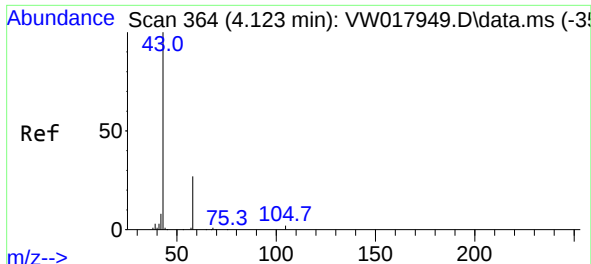
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jan 20 04:48:23 2021
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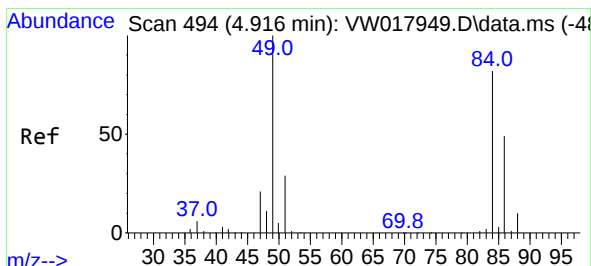
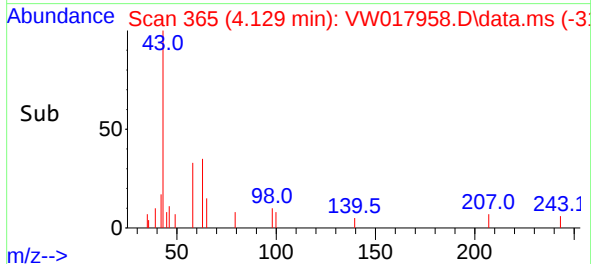
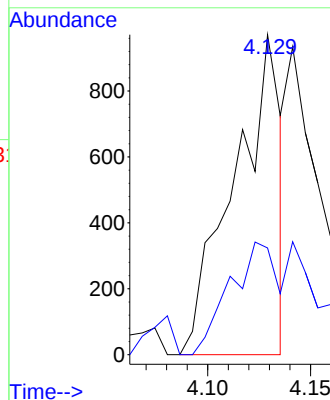
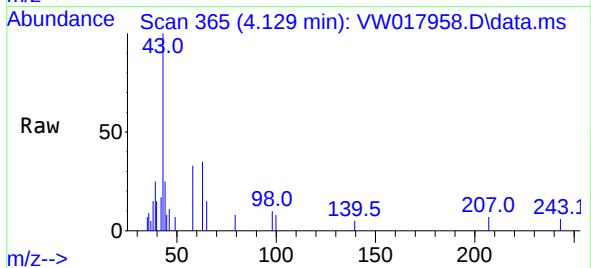




#13
Acetone
Concen: 1.35 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW017958.D
Acq: 19 Jan 2021 15:23

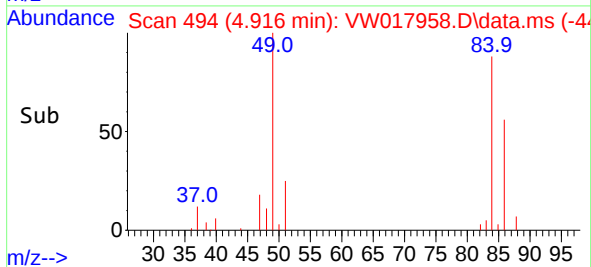
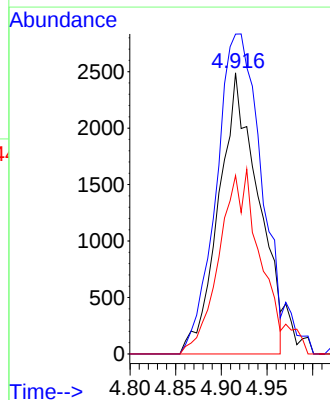
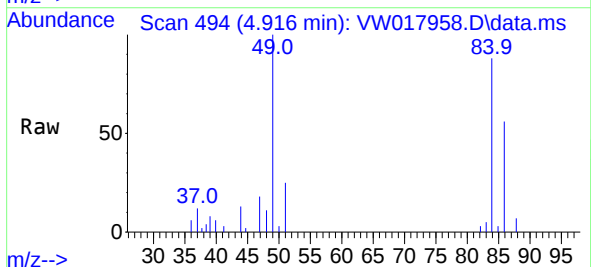
Instrument :
MSVOA_W
ClientSampled :

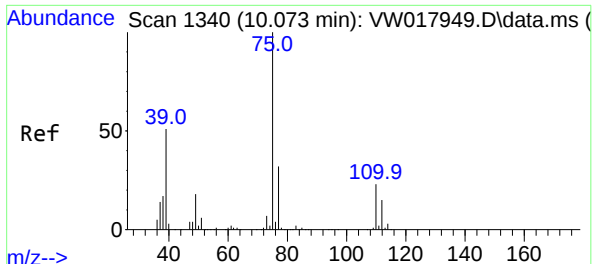
Tgt Ion: 43 Resp: 1534
Ion Ratio Lower Upper
43 100
58 35.4 0.0 68.4



#16
Methylene chloride
Concen: 1.21 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW017958.D
Acq: 19 Jan 2021 15:23

Tgt Ion: 84 Resp: 7472
Ion Ratio Lower Upper
84 100
49 113.8 81.2 150.8
86 63.5 44.5 82.7

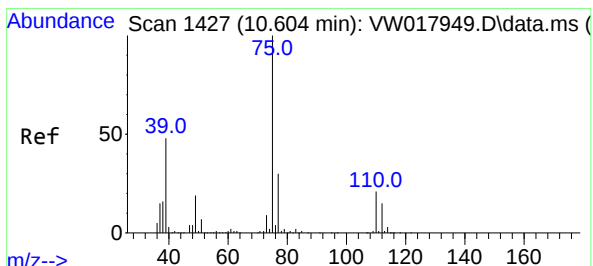
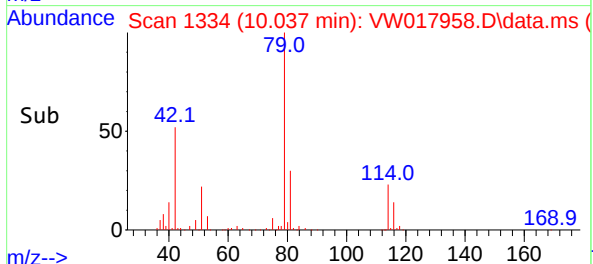
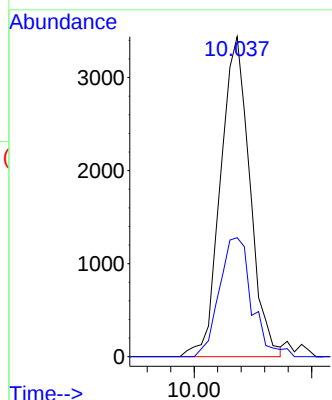
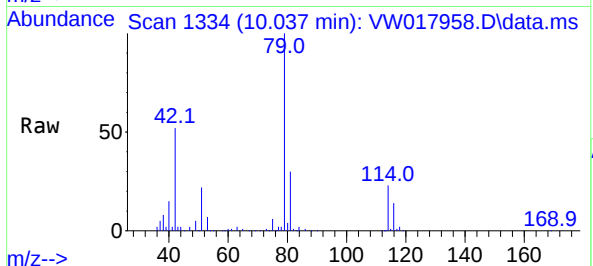




#42
cis-1,3-Dichloropropene
Concen: 0.68 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW017958.D
Acq: 19 Jan 2021 15:23

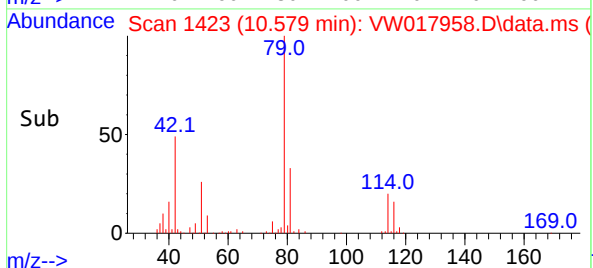
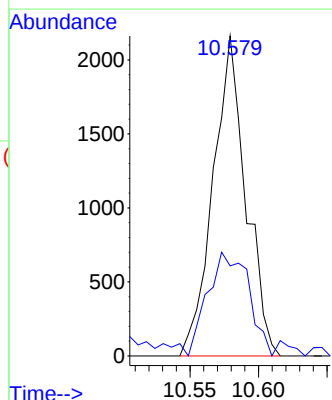
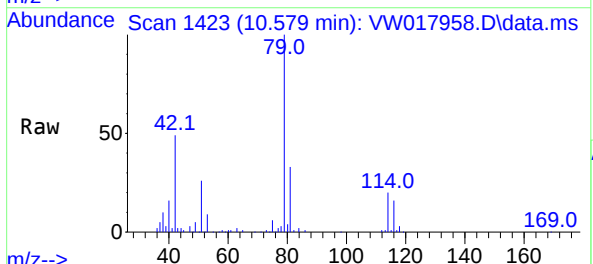
Instrument :
MSVOA_W
ClientSampled :

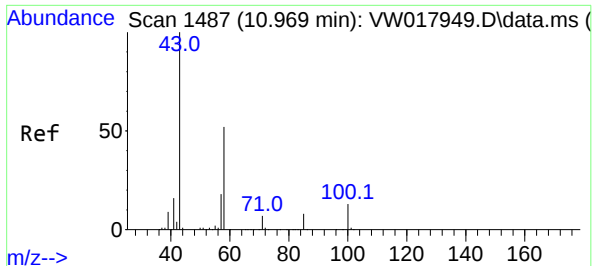
Tgt Ion: 75 Resp: 5956
Ion Ratio Lower Upper
75 100
77 37.2 22.7 42.3



#45
trans-1,3-Dichloropropene
Concen: 0.47 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW017958.D
Acq: 19 Jan 2021 15:23

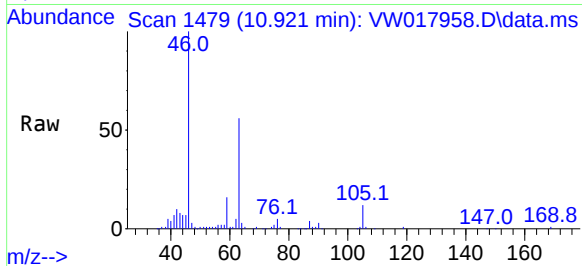
Tgt Ion: 75 Resp: 3606
Ion Ratio Lower Upper
75 100
77 28.2 22.6 42.0



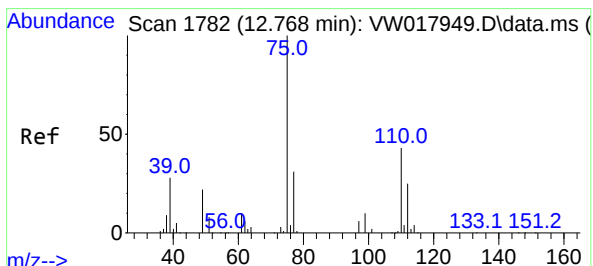
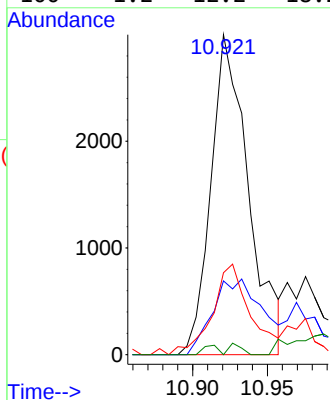
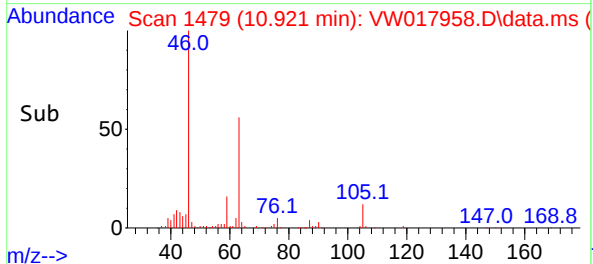


#49
2-Hexanone
Concen: 2.07 ug/L
RT: 10.921 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW017958.D
Acq: 19 Jan 2021 15:23

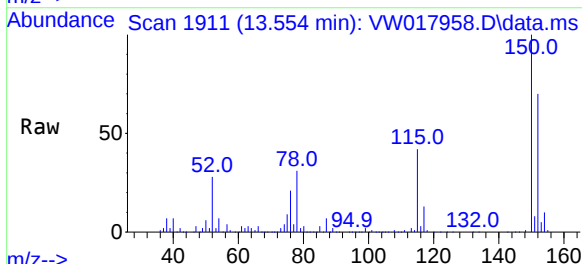
Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 5256
Ion Ratio Lower Upper
43 100
58 31.0 51.3 76.9#
57 28.4 15.0 22.6#
100 1.2 12.2 18.2#



#59
1,2,3-Trichloropropane
Concen: 6.16 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW017958.D
Acq: 19 Jan 2021 15:23



Tgt Ion: 75 Resp: 25622
Ion Ratio Lower Upper
75 100
77 36.5 26.6 39.8

