

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018577.D
 Acq On : 07 Apr 2021 13:42
 Operator : SY/VA
 Sample : M1881-20
 Misc : 6.44G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 08 05:35:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 08 05:34:15 2021
 Response via : Initial Calibration

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

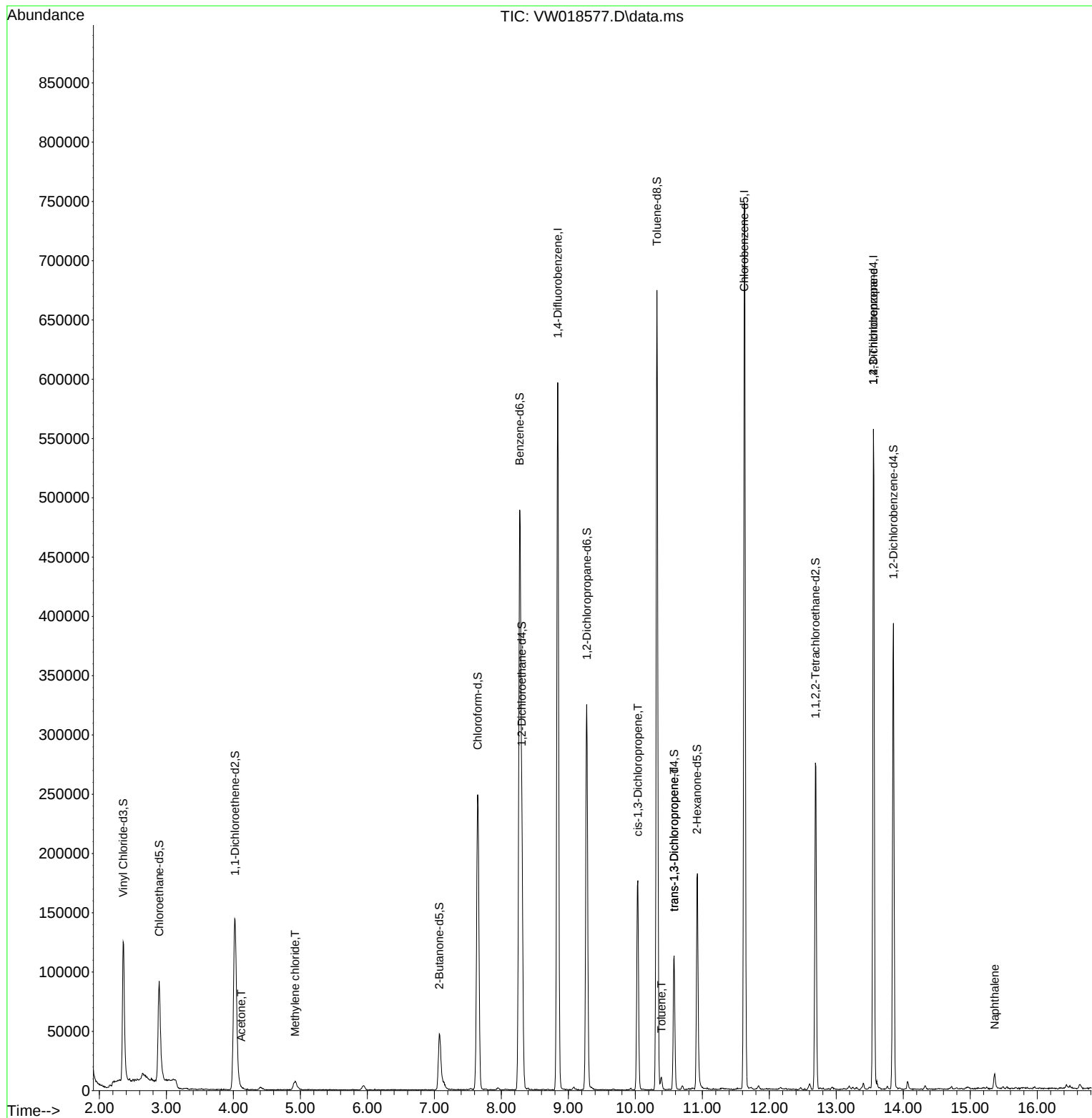
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	488743	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	404298	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	139827	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	150480	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.52%
7) Chloroethane-d5	2.892	69	116640	19.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.36%
10) 1,1-Dichloroethene-d2	4.026	63	168484	14.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.40%
20) 2-Butanone-d5	7.074	46	77433	51.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.28%
24) Chloroform-d	7.647	84	253465	20.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.44%
26) 1,2-Dichloroethane-d4	8.305	65	164800	22.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.72%
29) Benzene-d6	8.275	84	495617	23.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.24%
33) 1,2-Dichloropropane-d6	9.275	67	144577	23.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.28%
37) Toluene-d8	10.323	98	447711	21.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.52%
38) trans-1,3-Dichloroprop...	10.579	79	63053	19.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.88%
39) 2-Hexanone-d5	10.921	63	63615	52.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.86%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	134790	24.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.20%
61) 1,2-Dichlorobenzene-d4	13.853	152	97661	19.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.60%
Target Compounds						
					Qvalue	
13) Acetone	4.117	43	672	0.62	ug/L	58
16) Methylene chloride	4.922	84	6527	0.81	ug/L	87
42) cis-1,3-Dichloropropene	10.037	75	4837	0.50	ug/L #	80
44) Toluene	10.390	91	7105	0.27	ug/L	93
45) trans-1,3-Dichloropropene	10.579	75	3240	0.37	ug/L	94
59) 1,2,3-Trichloropropane	13.554	75	16971	4.07	ug/L	92
69) Naphthalene	15.365	128	10698	0.94	ug/L	99

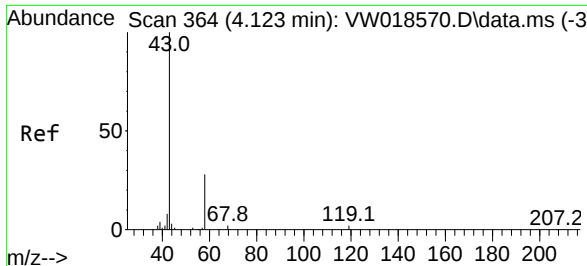
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
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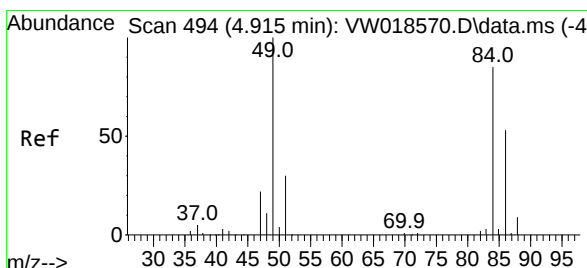
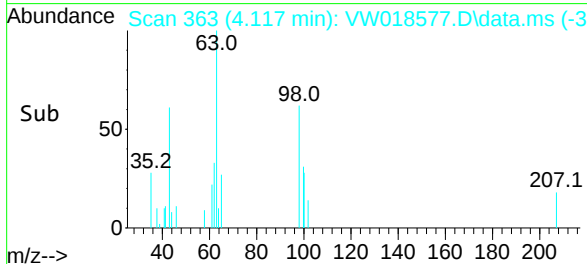
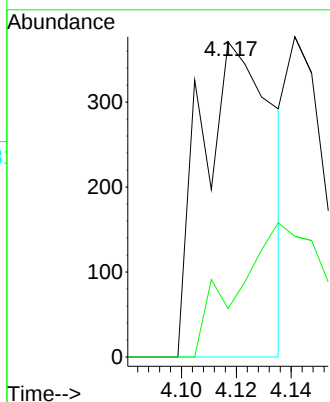
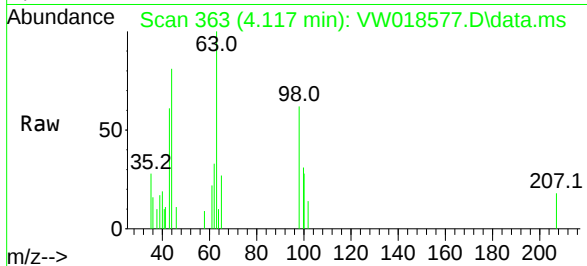




#13
Acetone
Concen: 0.62 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW018577.D
Acq: 07 Apr 2021 13:42

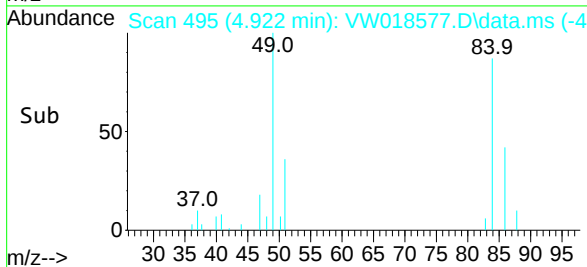
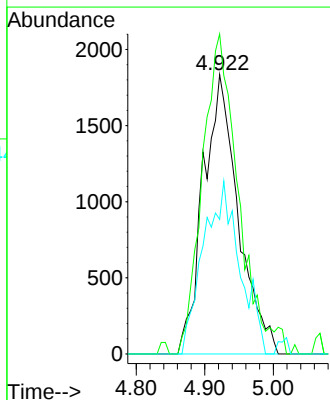
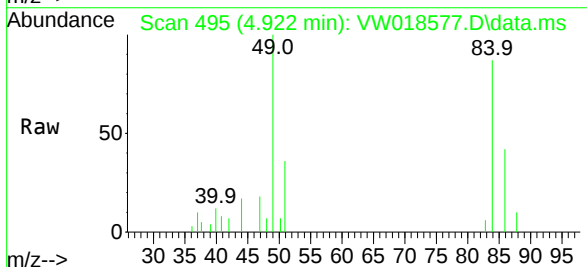
Instrument :
MSVOA_W
ClientSampled :

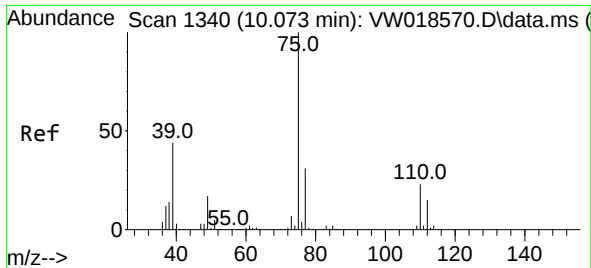
Tgt Ion: 43 Resp: 672
Ion Ratio Lower Upper
43 100
58 8.0 0.0 62.2



#16
Methylene chloride
Concen: 0.81 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018577.D
Acq: 07 Apr 2021 13:42

Tgt Ion: 84 Resp: 6527
Ion Ratio Lower Upper
84 100
49 114.6 74.4 138.2
86 48.2 46.1 85.7

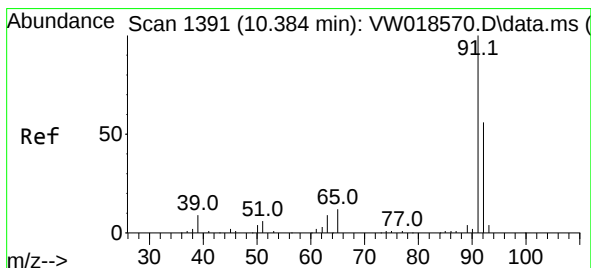
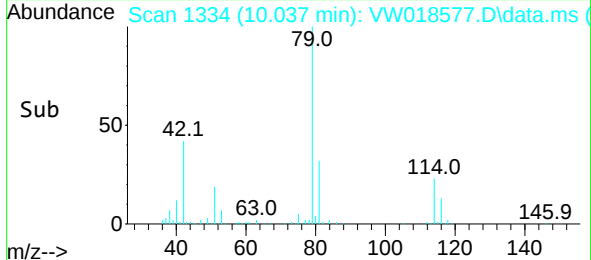
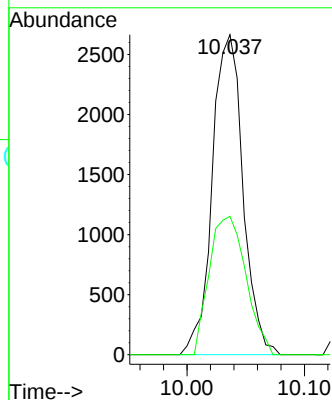
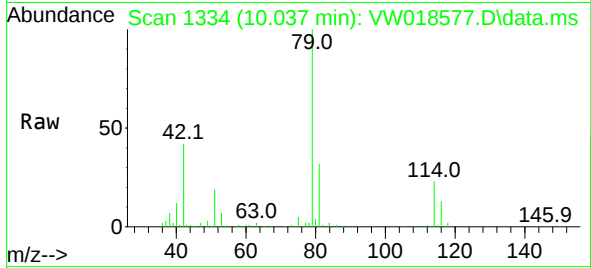




#42
 cis-1,3-Dichloropropene
 Concen: 0.50 ug/L
 RT: 10.037 min Scan# 1334
 Delta R.T. -0.036 min
 Lab File: VW018577.D
 Acq: 07 Apr 2021 13:42

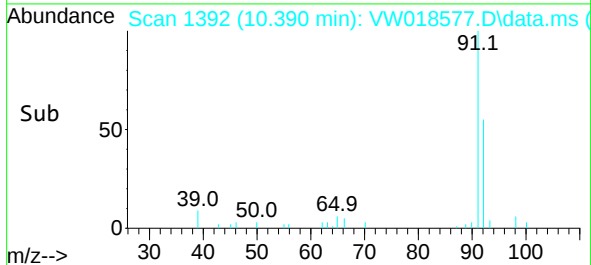
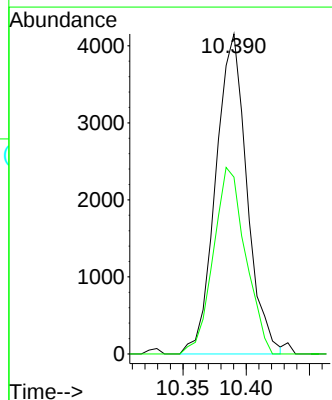
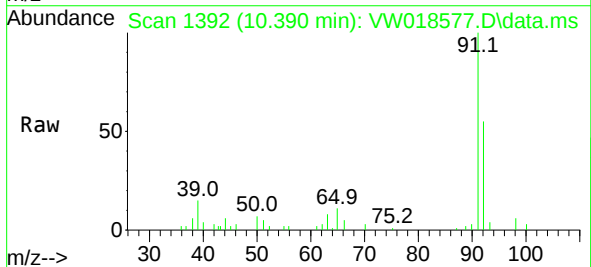
Instrument :
 MSVOA_W
 ClientSampled :

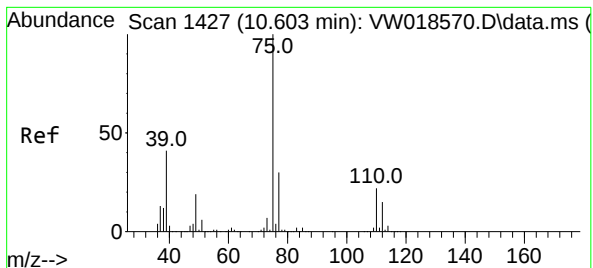
Tgt Ion: 75 Resp: 4837
 Ion Ratio Lower Upper
 75 100
 77 43.2 22.4 41.6#



#44
 Toluene
 Concen: 0.27 ug/L
 RT: 10.390 min Scan# 1392
 Delta R.T. 0.006 min
 Lab File: VW018577.D
 Acq: 07 Apr 2021 13:42

Tgt Ion: 91 Resp: 7105
 Ion Ratio Lower Upper
 91 100
 92 55.2 42.3 78.5



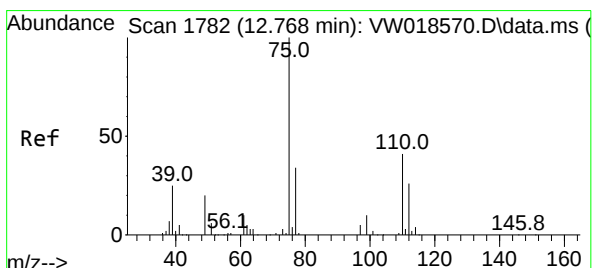
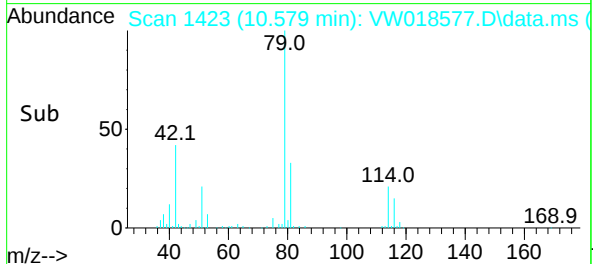
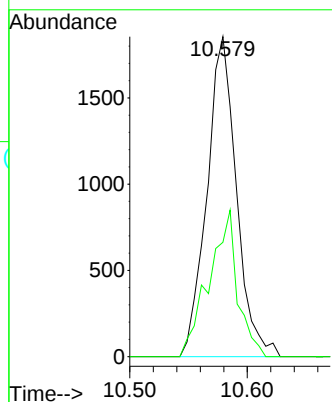
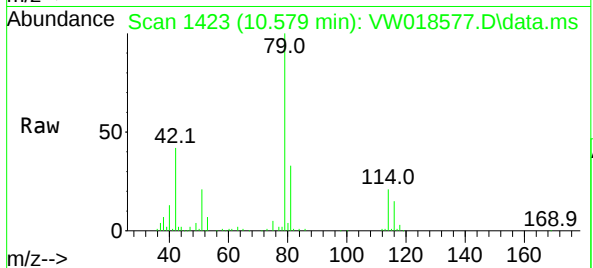


#45

trans-1,3-Dichloropropene
Concen: 0.37 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018577.D
Acq: 07 Apr 2021 13:42

Instrument :
MSVOA_W
ClientSampleId :

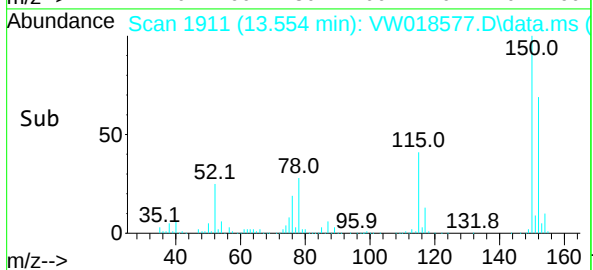
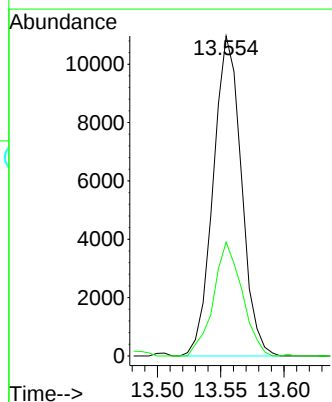
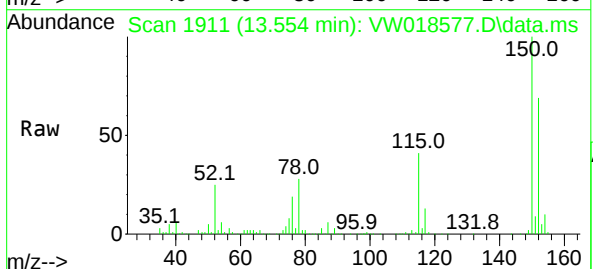
Tgt Ion: 75 Resp: 3240
Ion Ratio Lower Upper
75 100
77 35.7 22.6 42.0

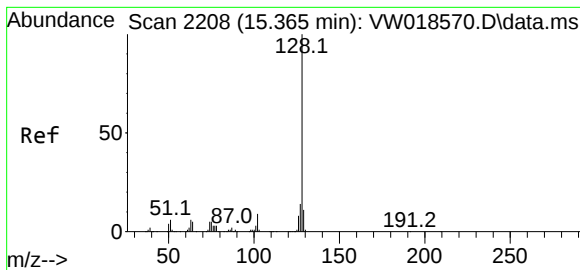


#59

1,2,3-Trichloropropane
Concen: 4.07 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018577.D
Acq: 07 Apr 2021 13:42

Tgt Ion: 75 Resp: 16971
Ion Ratio Lower Upper
75 100
77 36.2 25.6 38.4





#69
Naphthalene
Concen: 0.94 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018577.D
Acq: 07 Apr 2021 13:42

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	10698
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	14.4	10.7	16.1

