

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016085.D
 Acq On : 07 Aug 2020 21:21
 Operator : SY/VA
 Sample : L3579-08
 Misc : 6.26G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWP3

Quant Time: Aug 08 05:39:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 05:08:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	294350	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	257871	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	96970	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	63183	15.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.84%
7) Chloroethane-d5	2.89	69	55094	16.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.32%
10) 1,1-Dichloroethene-d2	4.01	63	103700	12.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.40%
20) 2-Butanone-d5	7.08	46	41898	38.40	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.80%
24) Chloroform-d	7.65	84	165503	20.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.08%
26) 1,2-Dichloroethane-d4	8.31	65	86645	19.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.36%
29) Benzene-d6	8.27	84	318664	20.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.20%
33) 1,2-Dichloropropane-d6	9.28	67	97739	20.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.08%
37) Toluene-d8	10.32	98	274276	19.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.16%
38) trans-1,3-Dichloropropene-	10.58	79	35869	17.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.52%
39) 2-Hexanone-d5	10.93	63	34041	43.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	77715	21.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	84146	22.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.00%

Target Compounds

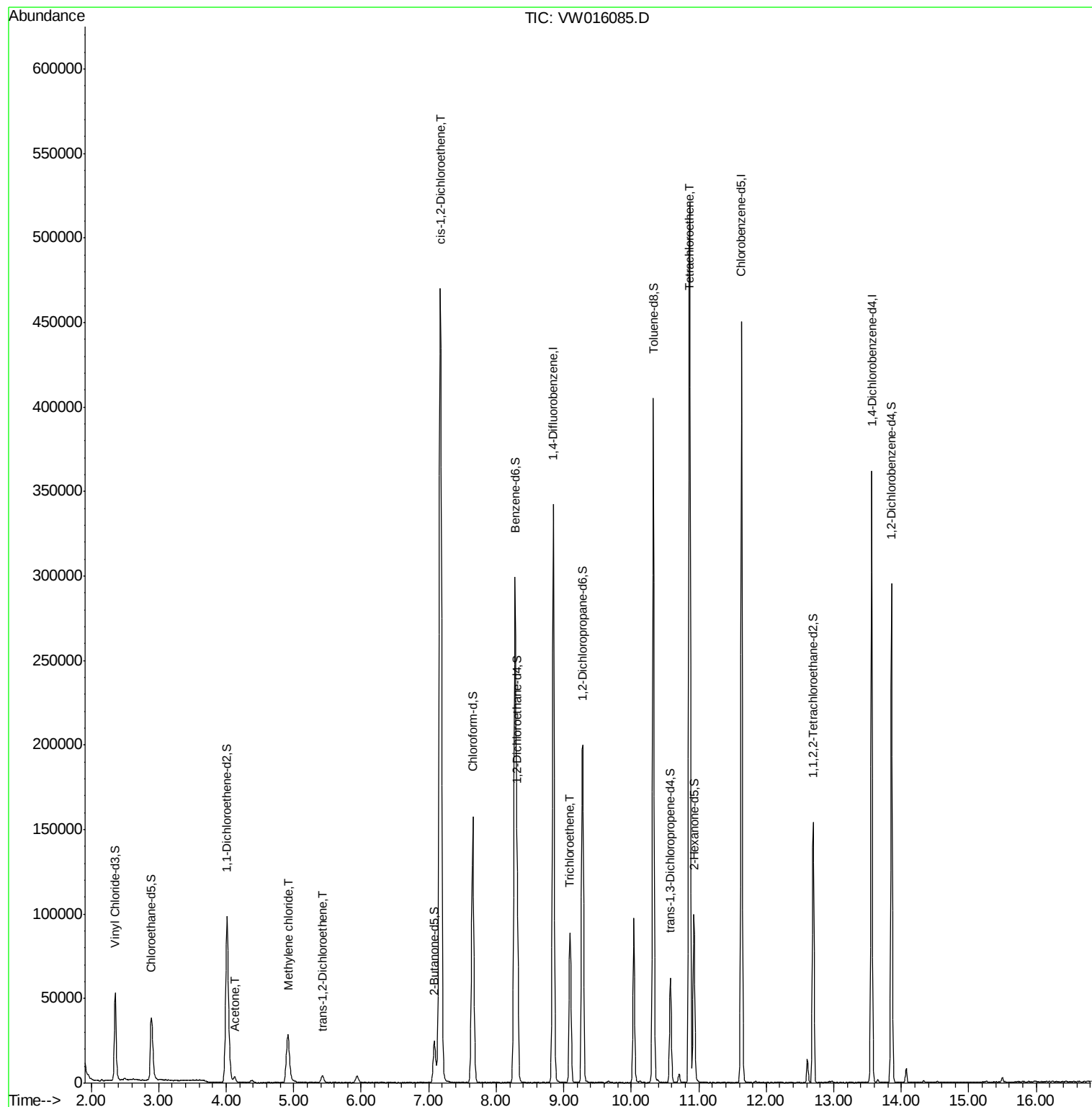
					Ovalue
13) Acetone	4.12	43	5331	5.818	ug/L 96
16) Methylene chloride	4.92	84	24703	5.122	ug/L 88
18) trans-1,2-Dichloroethene	5.43	96	2850	0.713	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	295099	70.590	ug/L 92
35) Trichloroethene	9.09	95	31915	7.703	ug/L 93
47) Tetrachloroethene	10.87	164	130433	40.559	ug/L 93

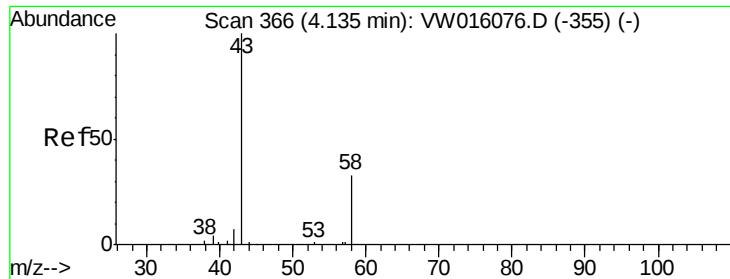
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.818 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW016085.D

Acq: 07 Aug 2020 21:21

Instrument :

MSVOA_W

ClientSampleId :

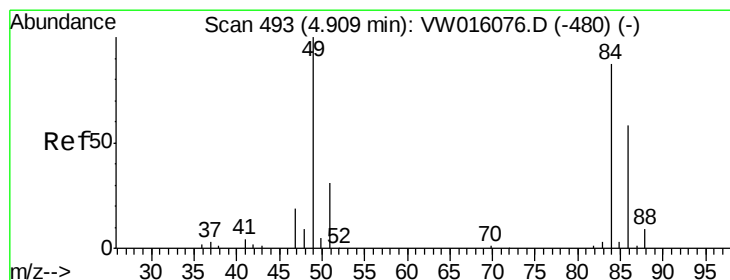
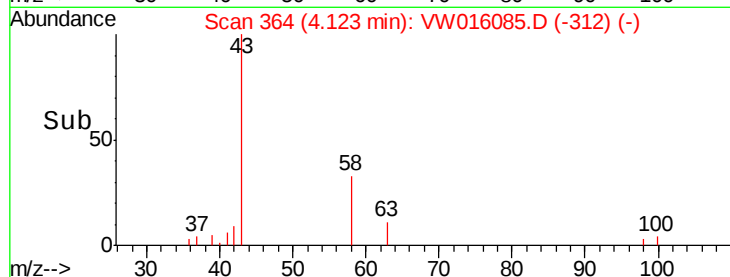
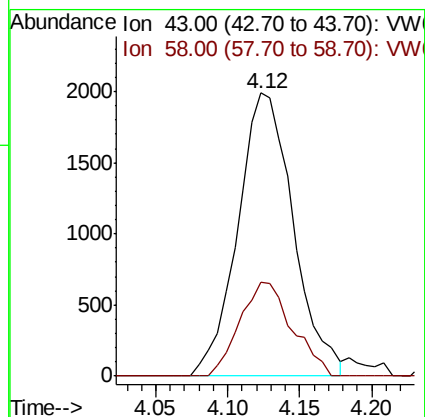
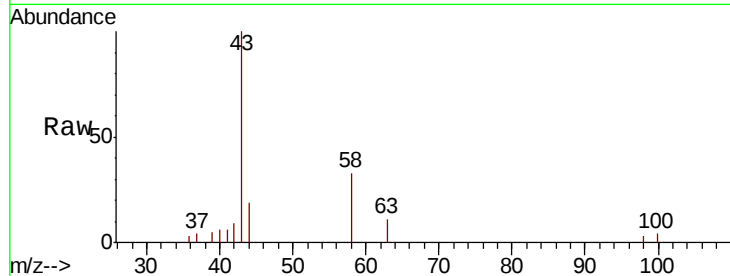
BFWP3

Tot Ion: 43 Resp: 5331

Ion Ratio Lower Upper

43 100

58 31.3 0.0 58.2



#16

Methylene chloride

Concen: 5.122 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW016085.D

Acq: 07 Aug 2020 21:21

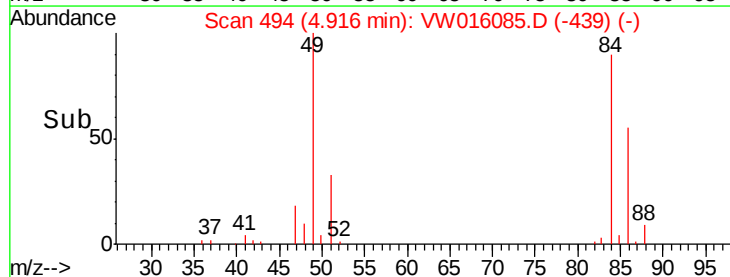
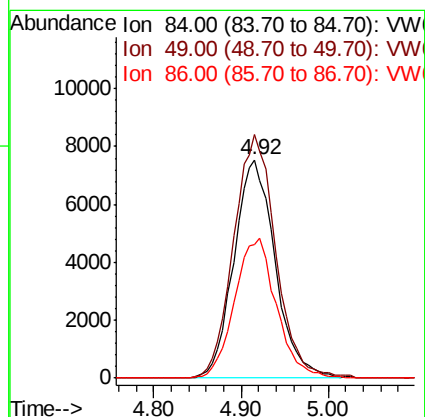
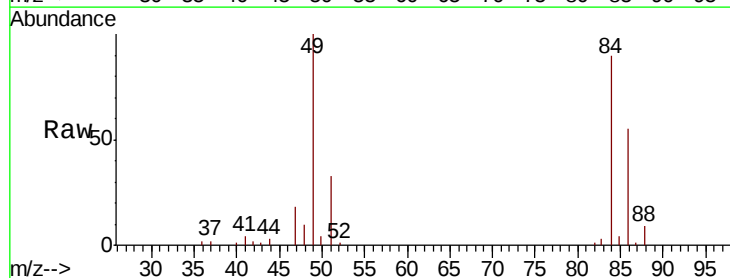
Tgt Ion: 84 Resp: 24703

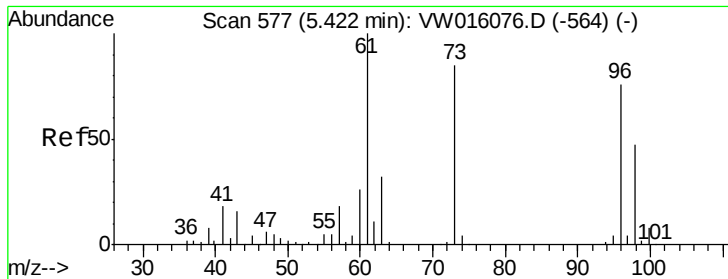
Ion Ratio Lower Upper

84 100

49 111.5 91.1 169.1

86 61.4 46.0 85.4

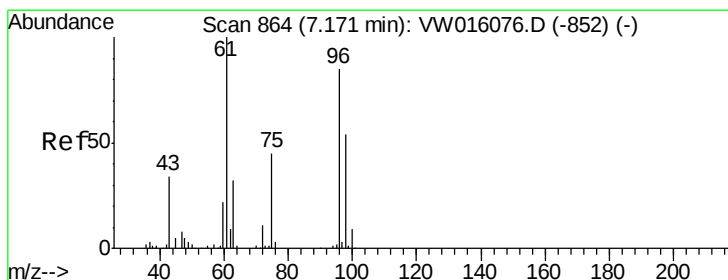
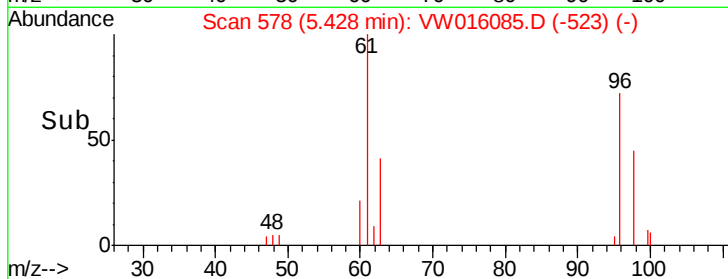
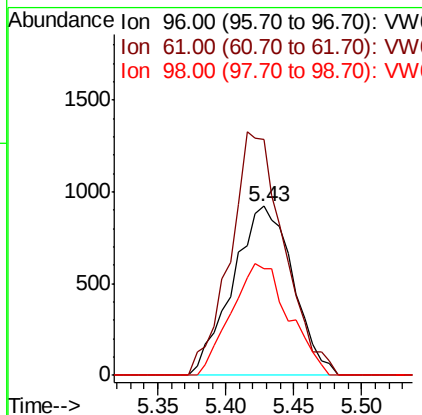
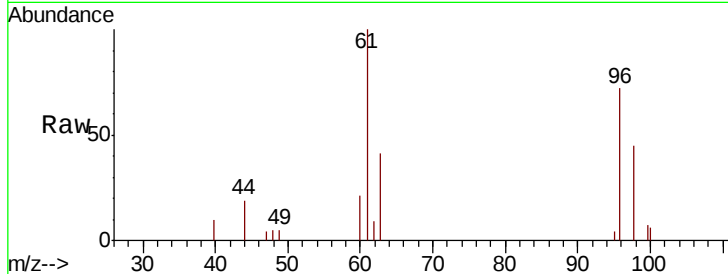




#18
 trans-1,2-Dichloroethene
 Concen: 0.713 ug/L
 RT: 5.43 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VW016085.D
 Acq: 07 Aug 2020 21:21

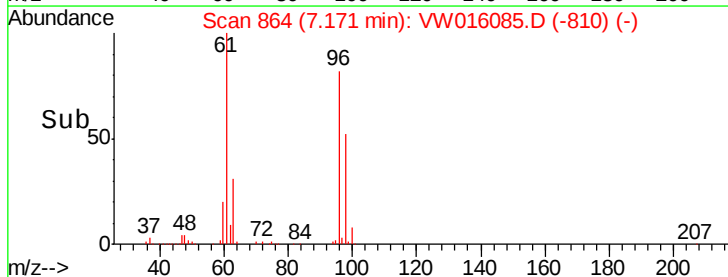
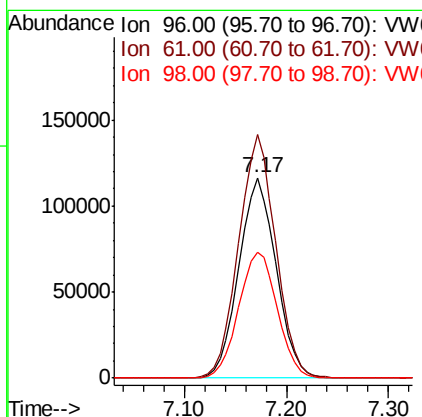
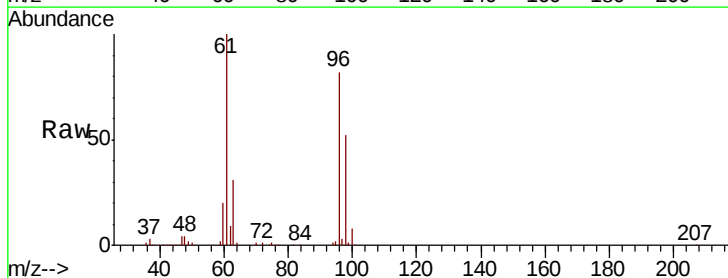
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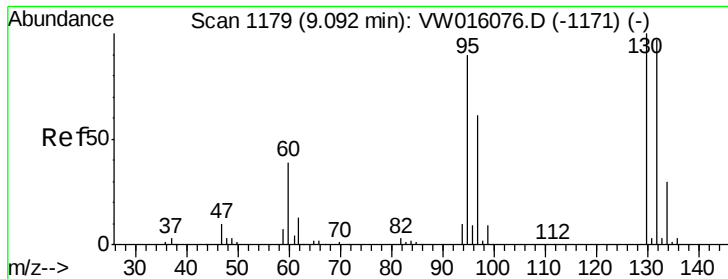
Tot Ion: 96 Resp: 2850
 Ion Ratio Lower Upper
 96 100
 61 139.4 99.3 184.5
 98 63.3 42.9 79.7



#22
 cis-1,2-Dichloroethene
 Concen: 70.590 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW016085.D
 Acq: 07 Aug 2020 21:21

Tgt Ion: 96 Resp: 295099
 Ion Ratio Lower Upper
 96 100
 61 121.6 94.6 175.8
 98 62.9 44.3 82.3





#35

Trichloroethene

Concen: 7.703 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW016085.D

Acq: 07 Aug 2020 21:21

Instrument :

MSVOA_W

ClientSampled :

BFWP3

Tot Ion: 95 Resp: 31915

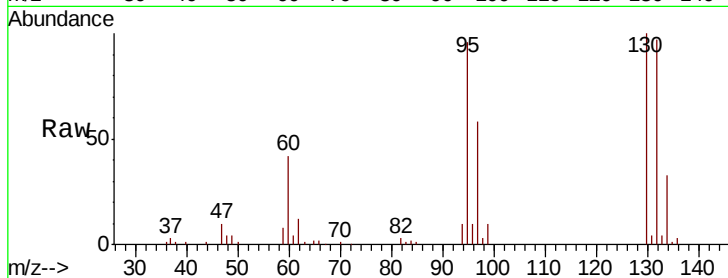
Ion Ratio Lower Upper

95 100

97 64.5 44.4 82.4

132 101.4 65.1 120.9

130 107.2 68.6 127.4

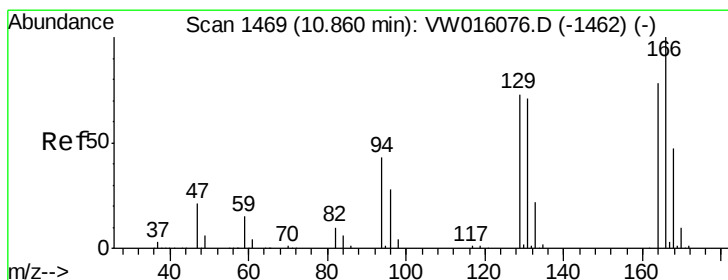
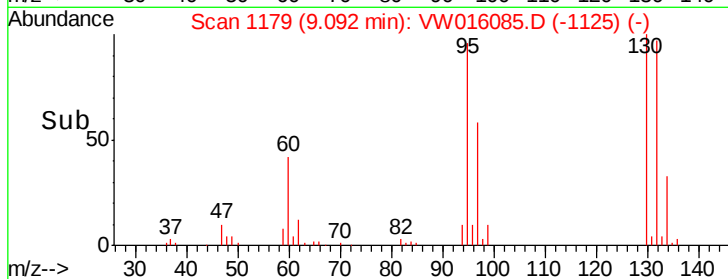
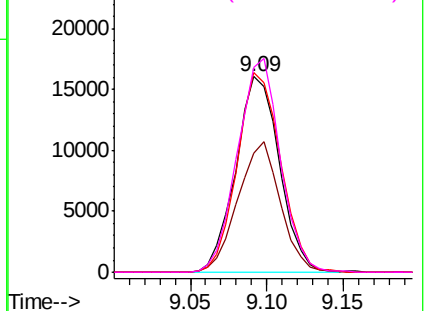


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#47

Tetrachloroethene

Concen: 40.559 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW016085.D

Acq: 07 Aug 2020 21:21

Tgt Ion:164 Resp: 130433

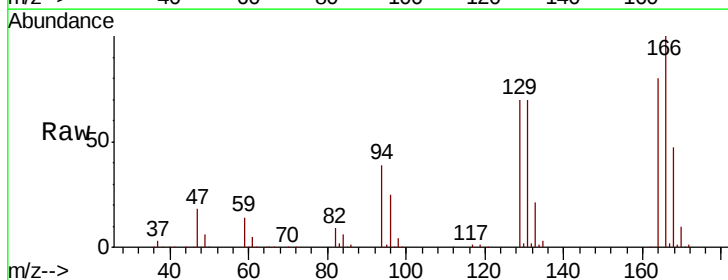
Ion Ratio Lower Upper

164 100

129 87.1 70.0 130.0

131 87.6 67.3 124.9

166 125.2 88.5 164.3



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

