

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082020\
 Data File : VW016266.D
 Acq On : 20 Aug 2020 14:56
 Operator : SY/VA
 Sample : L3767-11
 Misc : 6.61G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 21 03:30:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 21 03:27:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	346239	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	287622	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	90364	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	74876	17.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.76%
7) Chloroethane-d5	2.89	69	64212	19.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.84%
10) 1,1-Dichloroethene-d2	4.02	63	128869	14.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.52%
20) 2-Butanone-d5	7.08	46	41483	36.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.44%
24) Chloroform-d	7.65	84	202584	21.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	8.31	65	102095	20.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.76%
29) Benzene-d6	8.28	84	383960	24.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.16%
33) 1,2-Dichloropropane-d6	9.27	67	114708	24.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.72%
37) Toluene-d8	10.33	98	336689	23.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.84%
38) trans-1,3-Dichloropropene-	10.58	79	45427	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.88%
39) 2-Hexanone-d5	10.93	63	36901	46.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87788	23.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	74623	23.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.20%

Target Compounds

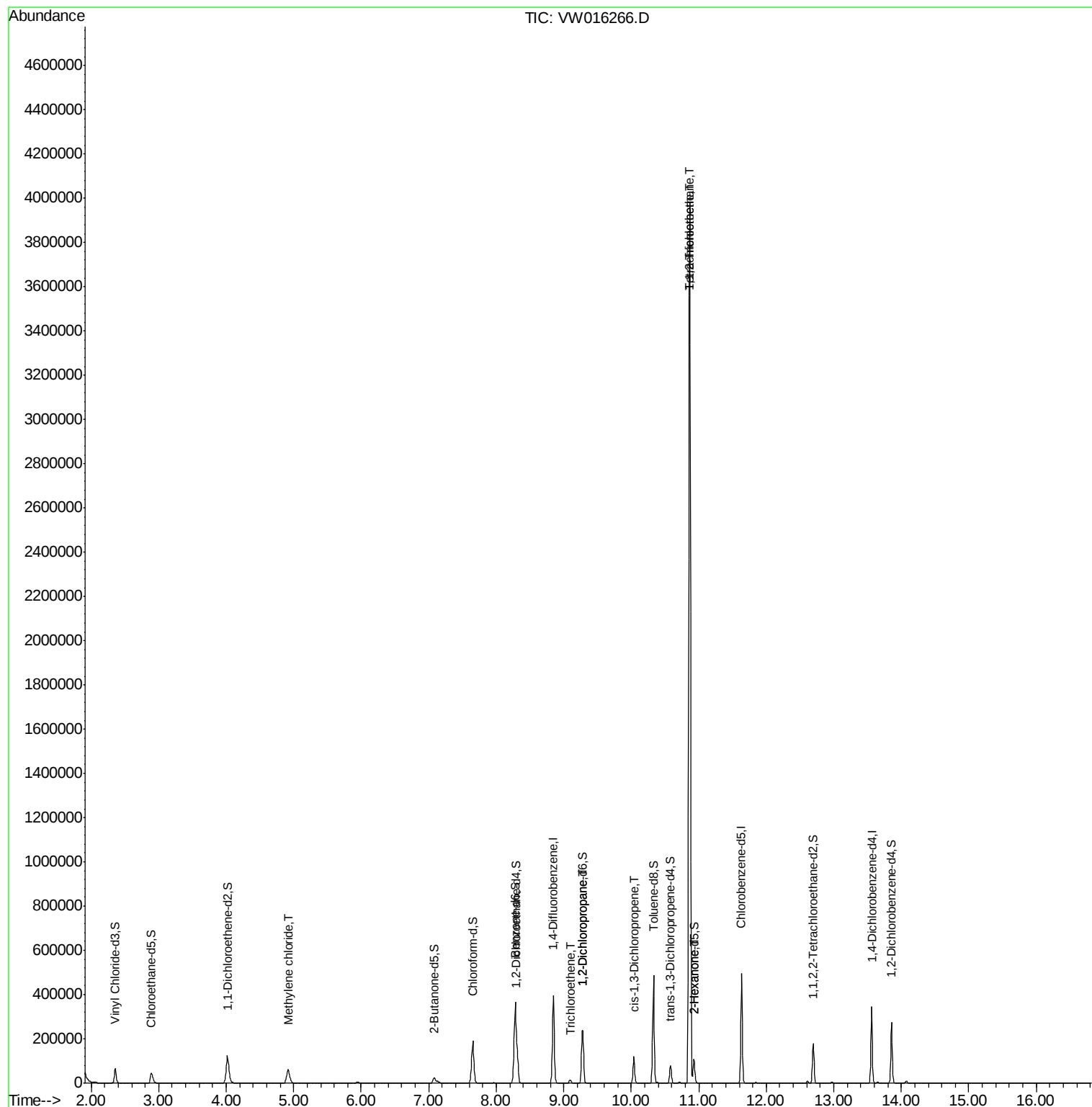
					Ovalue
16) Methylene chloride	4.92	84	52126	9.534 ug/L	94
35) Trichloroethene	9.09	95	5142	1.153 ug/L	97
40) 1,2-Dichloropropane	9.27	63	13130	3.224 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3006	0.485 ug/L #	66
46) 1,1,2-Trichloroethane	10.87	97	7567	2.360 ug/L #	1
47) Tetrachloroethene	10.87	164	933410	279.176 ug/L	96
49) 2-Hexanone	10.93	43	4901	2.965 ug/L #	65

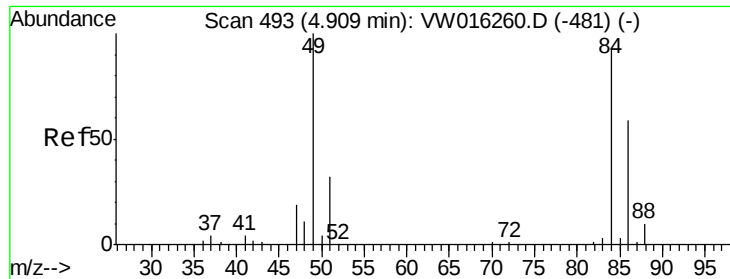
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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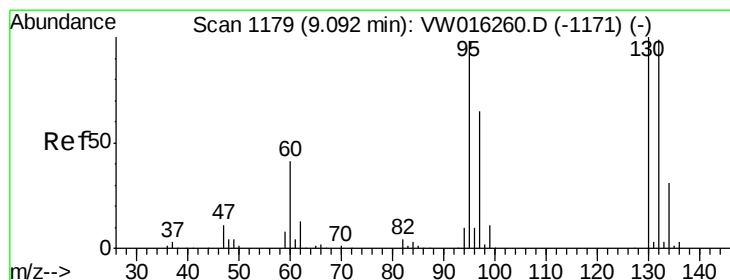
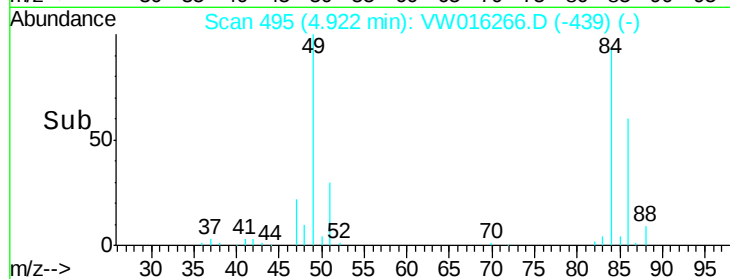
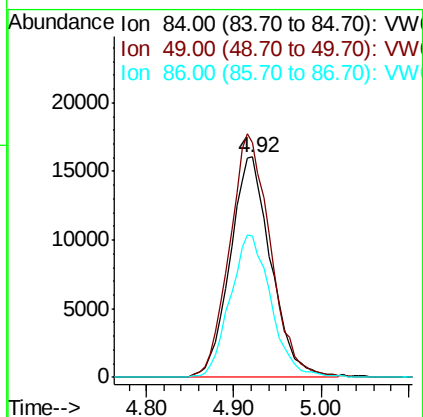
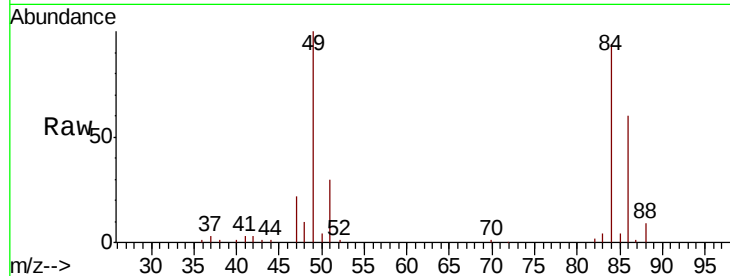




#16
Methvlene chloride
Concen: 9.534 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016266.D
Acq: 20 Aug 2020 14:56

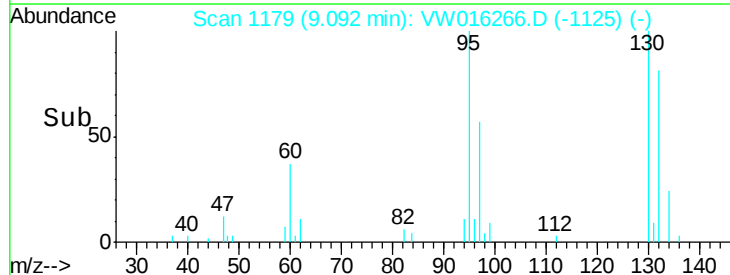
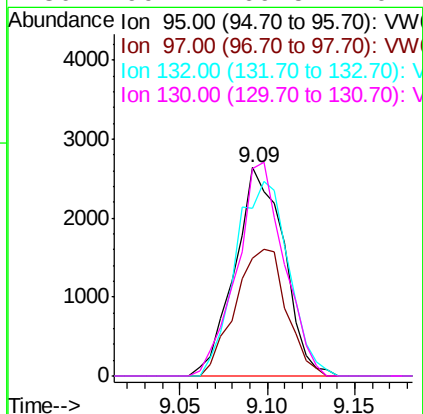
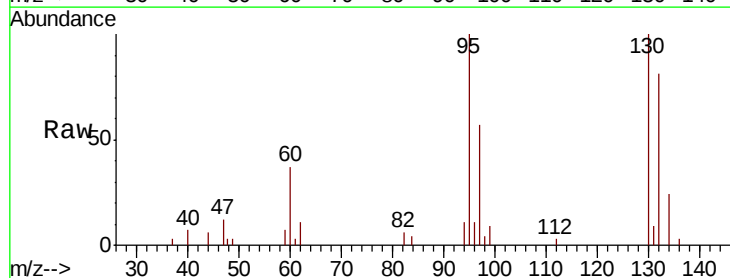
Instrument :
MSVOA_W
ClientSampled :

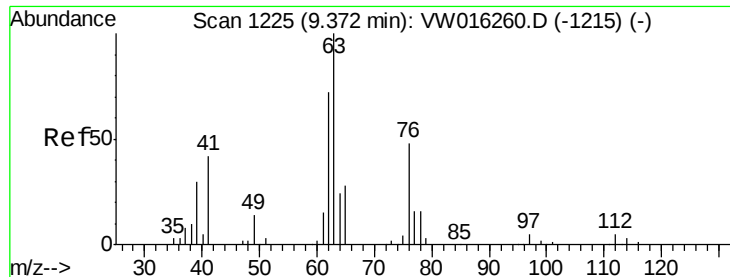
Tot Ion: 84 Resp: 52126
Ion Ratio Lower Upper
84 100
49 106.5 80.4 149.4
86 64.0 43.8 81.3



#35
Trichloroethene
Concen: 1.153 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW016266.D
Acq: 20 Aug 2020 14:56

Tgt Ion: 95 Resp: 5142
Ion Ratio Lower Upper
95 100
97 63.7 44.9 83.3
132 101.7 65.8 122.2
130 99.1 69.5 129.1

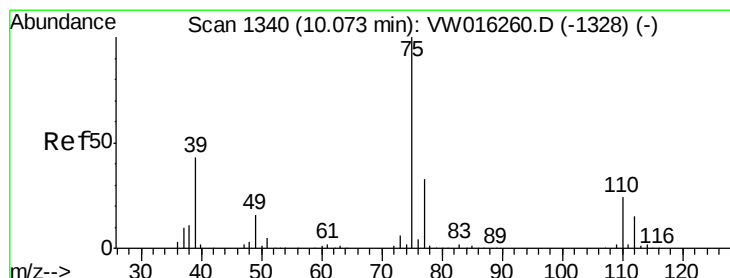
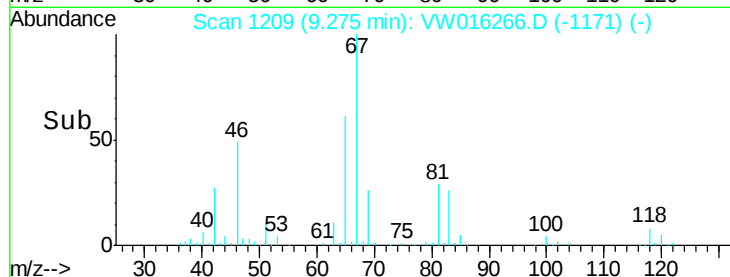
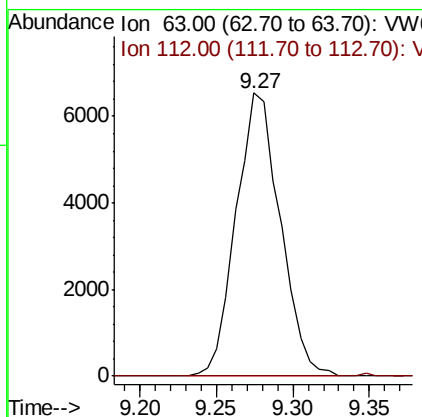
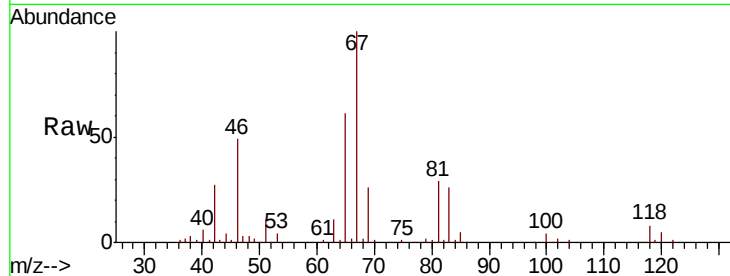




#40
 1,2-Dichloropropane
 Concen: 3.224 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW016266.D
 Acq: 20 Aug 2020 14:56

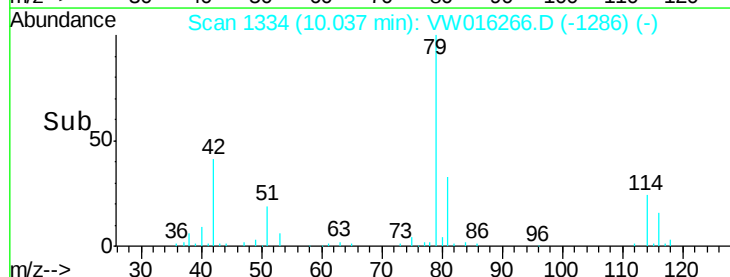
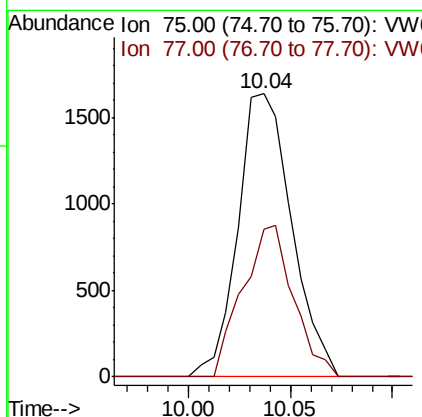
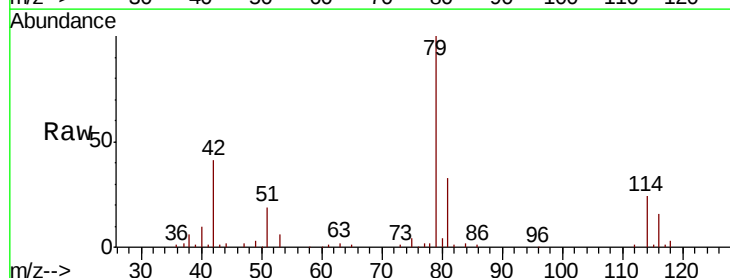
Instrument :
 MSVOA_W
 ClientSampled :

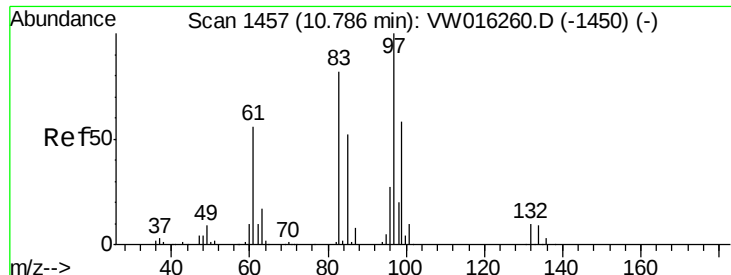
Tot Ion: 63 Resp: 13130
 Ion Ratio Lower Upper
 63 100
 112 0.4 4.0 6.0#



#42
 cis-1,3-Dichloropropene
 Concen: 0.485 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016266.D
 Acq: 20 Aug 2020 14:56

Tgt Ion: 75 Resp: 3006
 Ion Ratio Lower Upper
 75 100
 77 52.0 22.9 42.5#

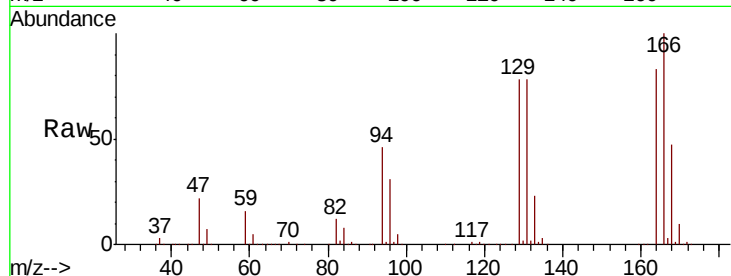




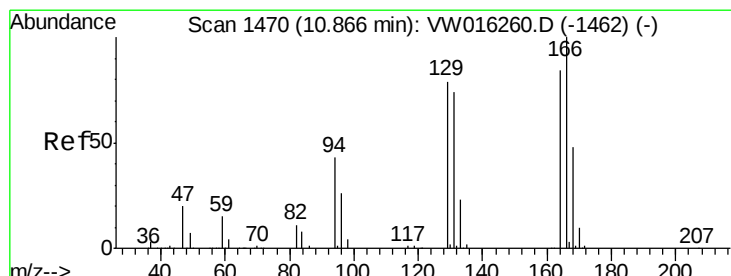
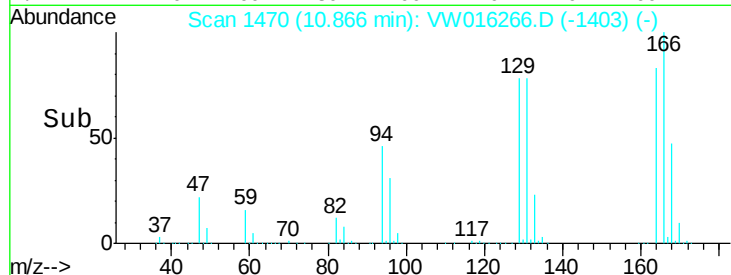
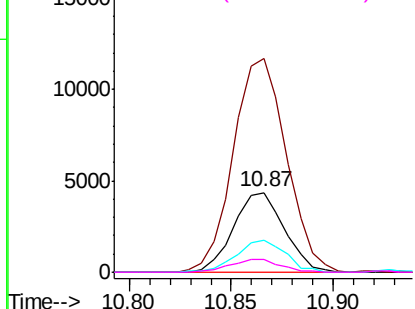
#46
 1,1,2-Trichloroethane
 Concen: 2.360 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.08 min
 Lab File: VW016266.D
 Acq: 20 Aug 2020 14:56

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 97 Resp: 7567
 Ion Ratio Lower Upper
 97 100
 83 267.4 57.8 107.4#
 85 40.8 38.0 70.6
 99 15.6 44.4 82.4#



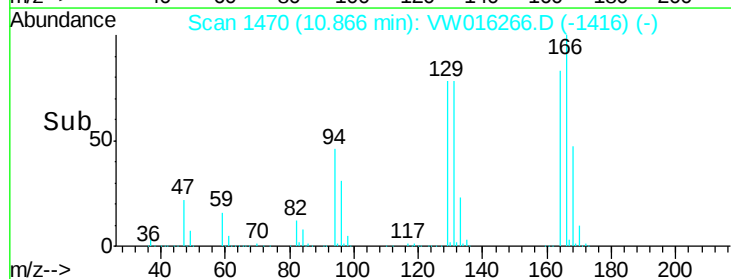
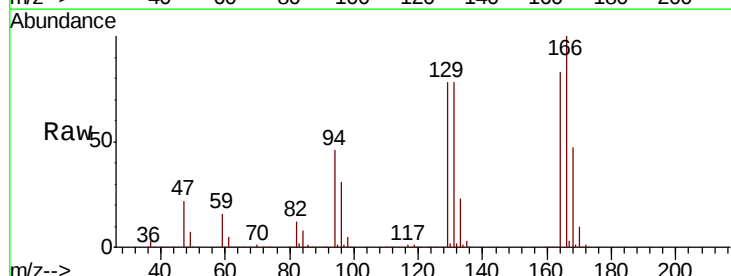
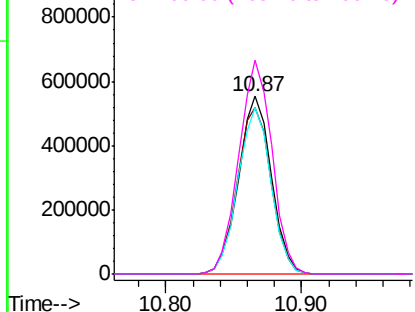
Abundance Ion 97.00 (96.70 to 97.70): VW
 Ion 83.00 (82.70 to 83.70): VW
 Ion 85.00 (84.70 to 85.70): VW
 Ion 99.00 (98.70 to 99.70): VW

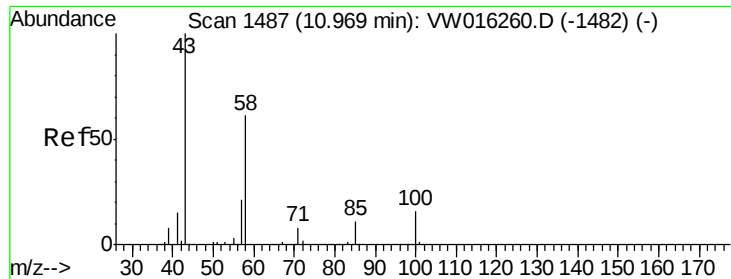


#47
 Tetrachloroethene
 Concen: 279.176 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VW016266.D
 Acq: 20 Aug 2020 14:56

Tgt Ion:164 Resp: 933410
 Ion Ratio Lower Upper
 164 100
 129 93.8 71.5 132.9
 131 93.7 65.4 121.4
 166 120.1 86.9 161.5

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





#49

2-Hexanone

Concen: 2.965 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

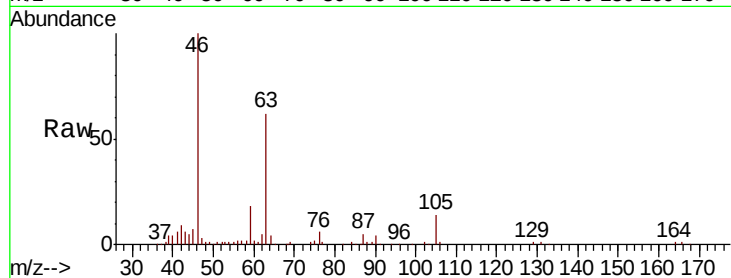
Lab File: VW016266.D

Acq: 20 Aug 2020 14:56

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion:	43	Resp:	4901
Ion	Ratio	Lower	Upper
43	100		
58	23.9	44.2	66.2#
57	25.2	15.8	23.6#
100	0.0	10.8	16.2#

