

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016093.D
 Acq On : 08 Aug 2020 00:29
 Operator : SY/VA
 Sample : L3579-11
 Misc : 7.41G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 08 05:13:09 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	335815	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	297492	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	105504	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	72812	15.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.48%
7) Chloroethane-d5	2.89	69	66829	17.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.44%
10) 1,1-Dichloroethene-d2	4.01	63	119955	12.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.08%
20) 2-Butanone-d5	7.08	46	55863	44.88	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.76%
24) Chloroform-d	7.65	84	194965	20.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.68%
26) 1,2-Dichloroethane-d4	8.31	65	106086	20.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.96%
29) Benzene-d6	8.27	84	361998	19.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.96%
33) 1,2-Dichloropropane-d6	9.27	67	115907	21.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.40%
37) Toluene-d8	10.32	98	318631	19.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.72%
38) trans-1,3-Dichloropropene-	10.58	79	47772	20.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.60%
39) 2-Hexanone-d5	10.93	63	51017	56.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105520	25.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	95616	23.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.96%

Target Compounds

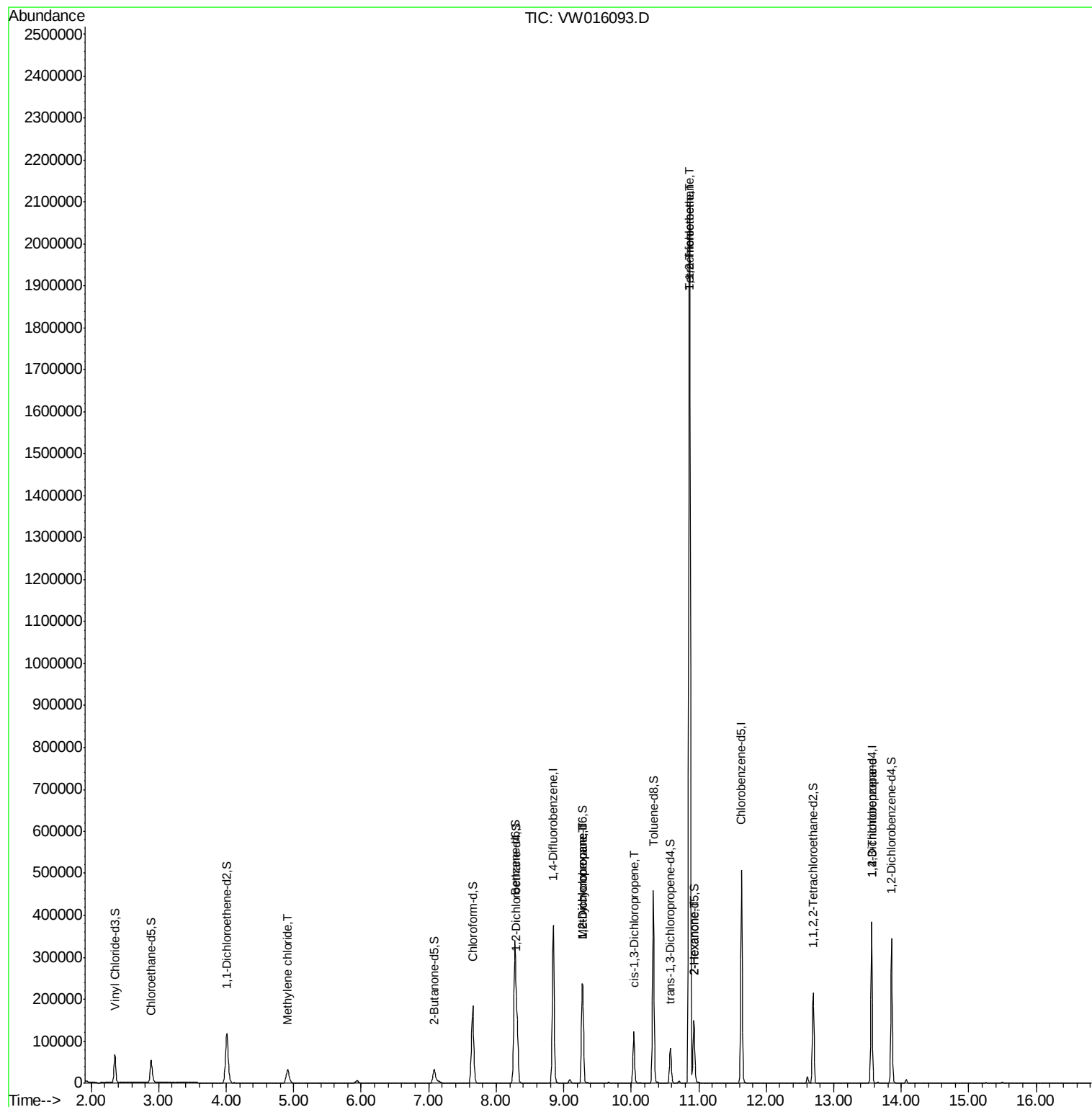
					Ovalue
16) Methylene chloride	4.91	84	26580	4.830 ug/L	84
36) Methylcyclohexane	9.27	83	29380	3.582 ug/L #	18
40) 1,2-Dichloropropane	9.27	63	12524	2.798 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2894	0.425 ug/L #	58
46) 1,1,2-Trichloroethane	10.86	97	3876	1.204 ug/L #	1
47) Tetrachloroethene	10.87	164	507942	136.910 ug/L	95
49) 2-Hexanone	10.93	43	6428	3.467 ug/L #	68
59) 1,2,3-Trichloropropane	13.56	75	10829	3.824 ug/L	90

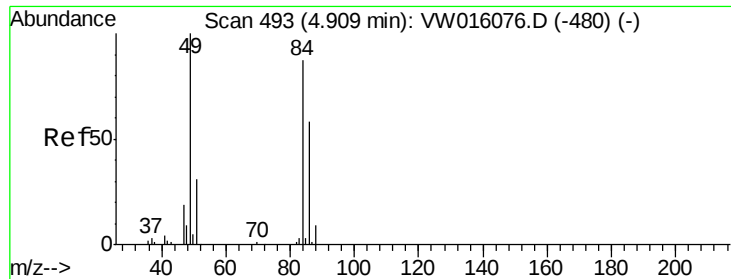
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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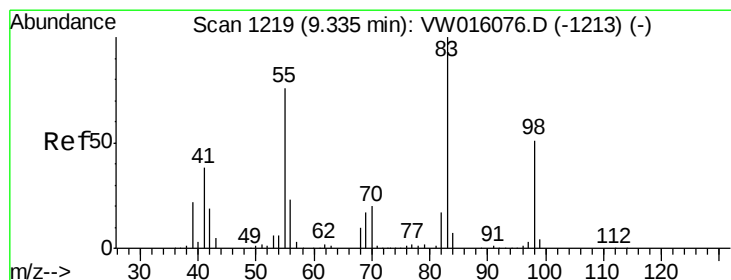
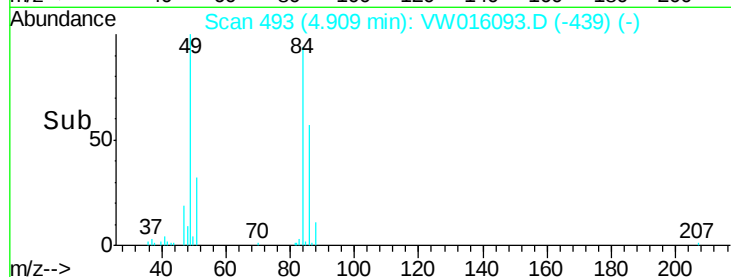
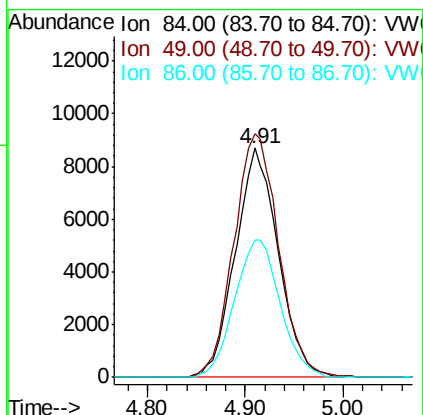
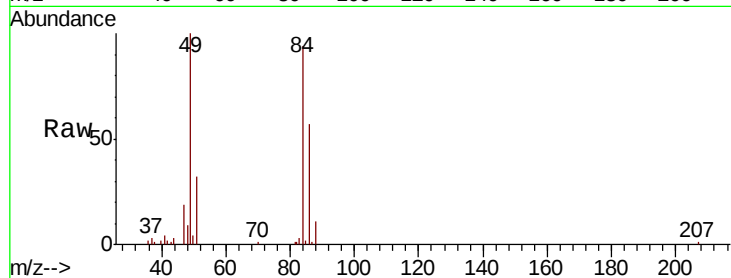




#16
Methvlene chloride
Concen: 4.830 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW016093.D
Acq: 08 Aug 2020 00:29

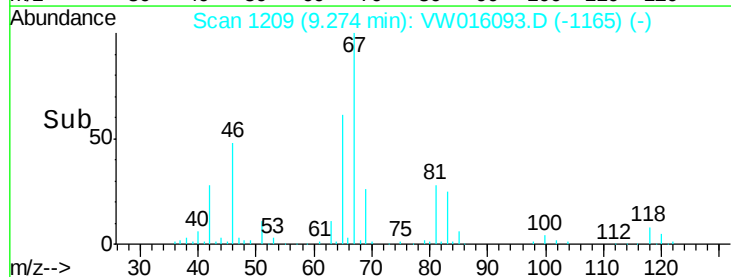
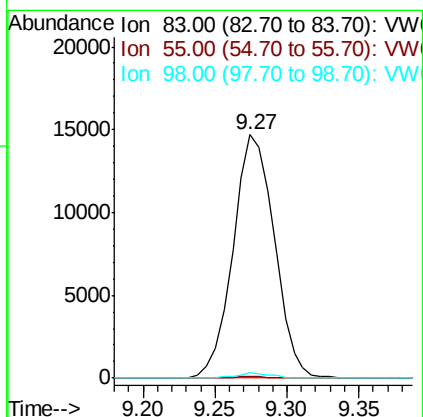
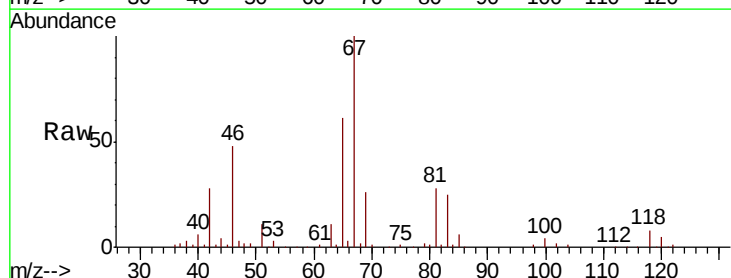
Instrument :
MSVOA_W
ClientSampleId :

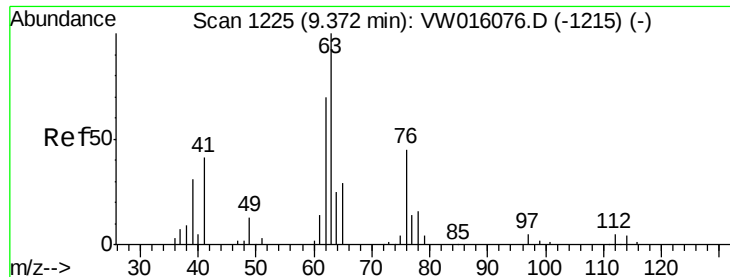
Tot Ion: 84 Resp: 26580
Ion Ratio Lower Upper
84 100
49 106.2 91.1 169.1
86 60.2 46.0 85.4



#36
Methylcyclohexane
Concen: 3.582 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW016093.D
Acq: 08 Aug 2020 00:29

Tgt Ion: 83 Resp: 29380
Ion Ratio Lower Upper
83 100
55 0.5 63.5 95.3#
98 1.7 39.0 58.4#

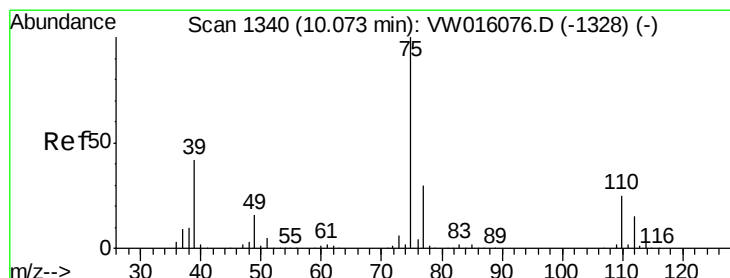
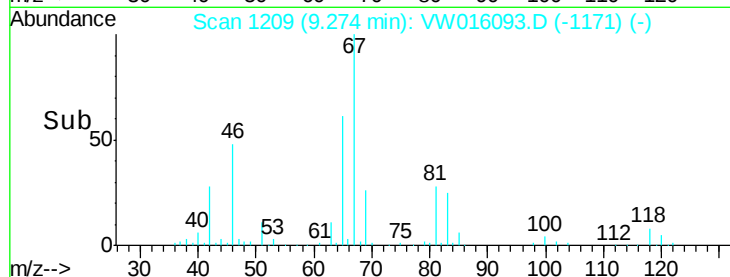
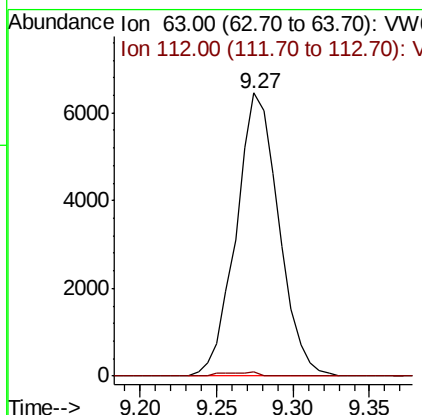
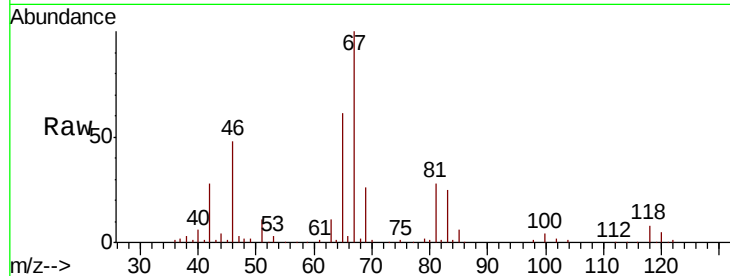




#40
 1,2-Dichloropropane
 Concen: 2.798 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW016093.D
 Acq: 08 Aug 2020 00:29

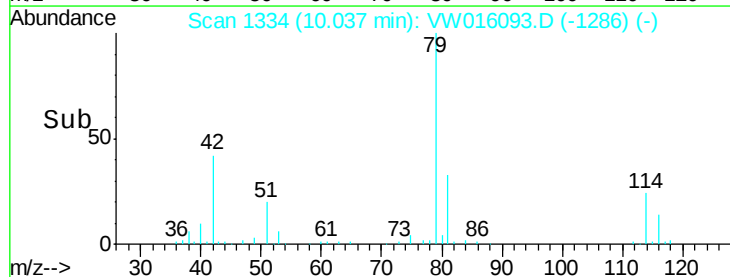
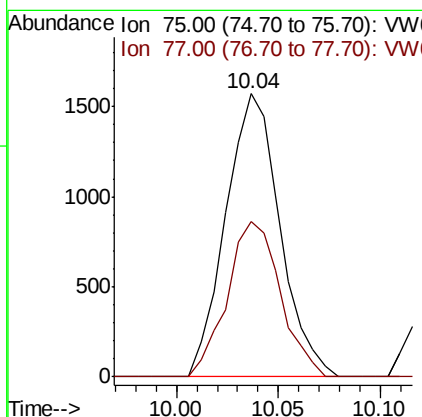
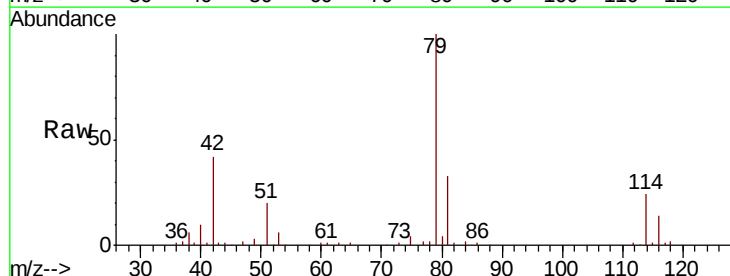
Instrument :
 MSVOA_W
 ClientSampled :

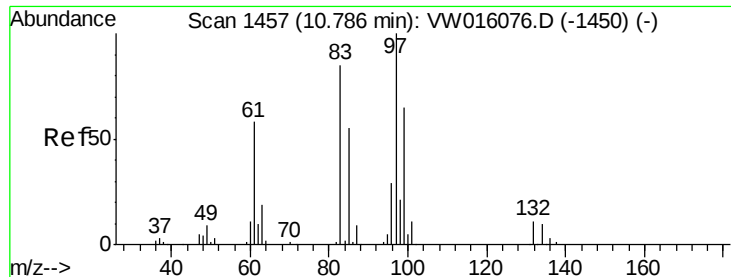
Tot Ion: 63 Resp: 12524
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.425 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016093.D
 Acq: 08 Aug 2020 00:29

Tgt Ion: 75 Resp: 2894
 Ion Ratio Lower Upper
 75 100
 77 54.8 22.2 41.2#

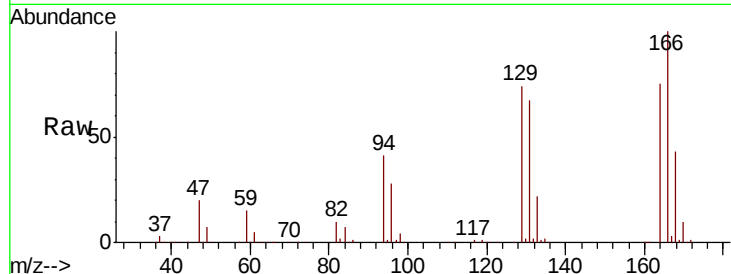




#46
1,1,2-Trichloroethane
Concen: 1.204 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.07 min
Lab File: VW016093.D
Acq: 08 Aug 2020 00:29

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 97 Resp: 3876
Ion Ratio Lower Upper
97 100
83 286.3 60.6 112.6#
85 39.7 38.9 72.2
99 16.3 43.1 80.1#



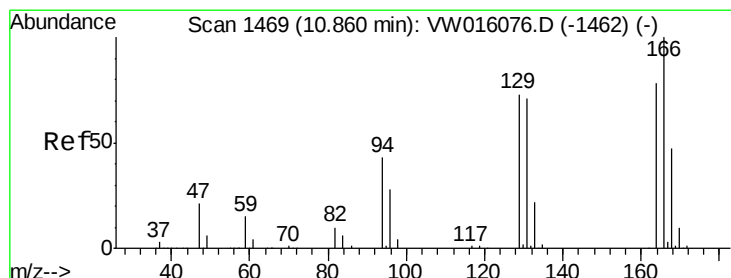
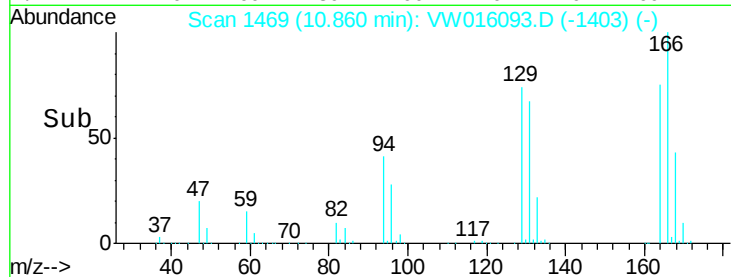
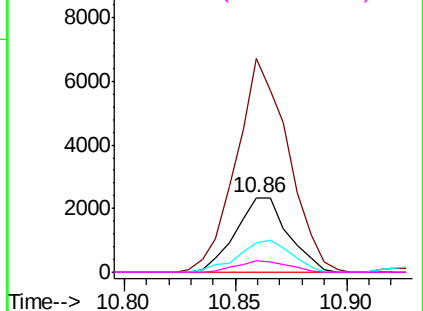
Abundance

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: 136.910 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW016093.D
Acq: 08 Aug 2020 00:29

Tgt Ion: 164 Resp: 507942
Ion Ratio Lower Upper
164 100
129 95.1 70.0 130.0
131 86.4 67.3 124.9
166 123.7 88.5 164.3

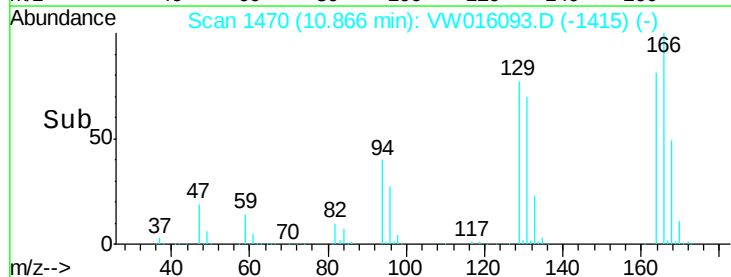
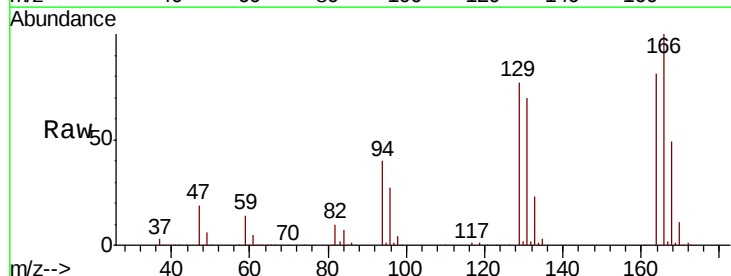
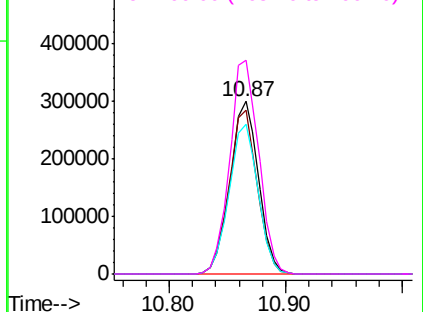
Abundance

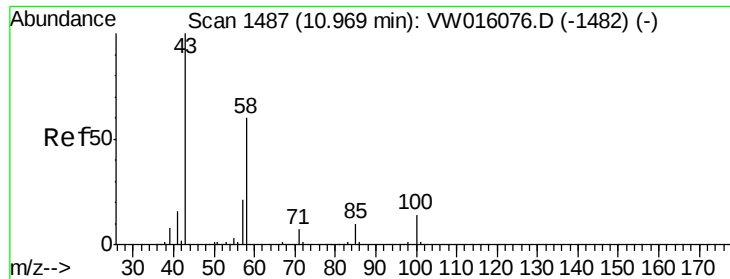
Ion 164.00 (163.70 to 164.70): V

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





#49

2-Hexanone

Concen: 3.467 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016093.D

Acq: 08 Aug 2020 00:29

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 6428

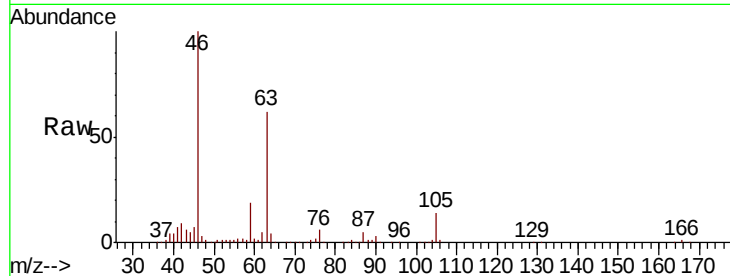
Ion Ratio Lower Upper

43 100

58 24.2 42.4 63.6#

57 23.9 15.6 23.4#

100 0.0 9.8 14.6#

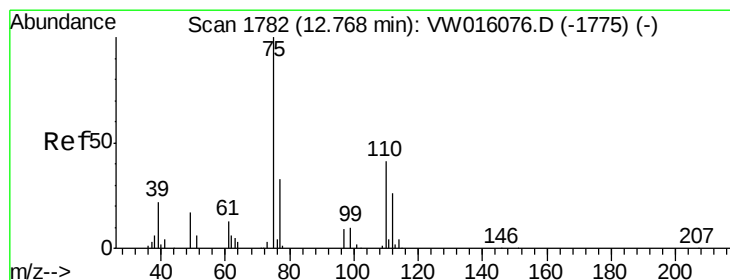
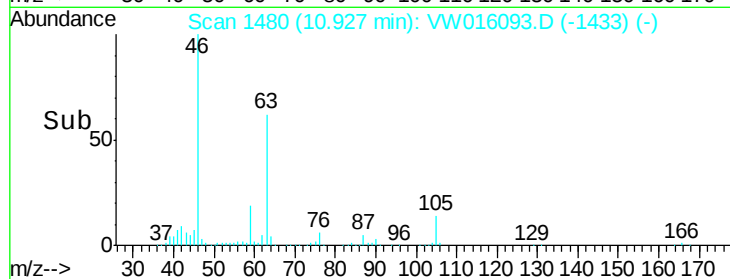
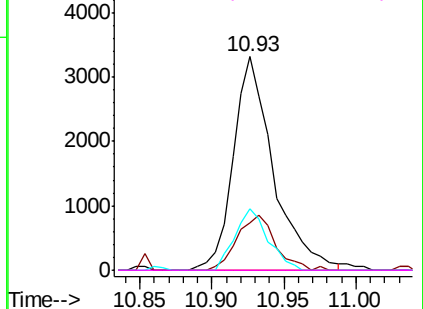


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#59

1,2,3-Trichloropropane

Concen: 3.824 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016093.D

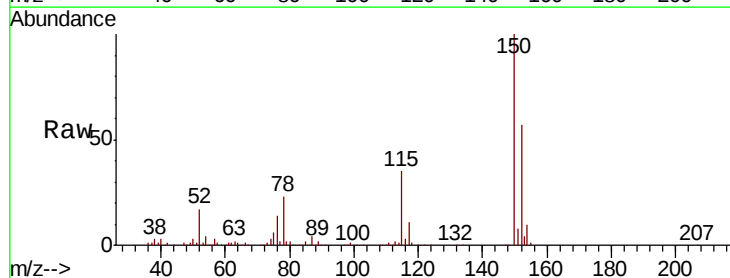
Acq: 08 Aug 2020 00:29

Tgt Ion: 75 Resp: 10829

Ion Ratio Lower Upper

75 100

77 38.3 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

