

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082020\
 Data File : VW016262.D
 Acq On : 20 Aug 2020 12:42
 Operator : SY/VA
 Sample : L3767-06
 Misc : 6.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 21 03:30:02 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	8.84	114	28025	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	27355	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	8413	25.00	ug/L	0.00

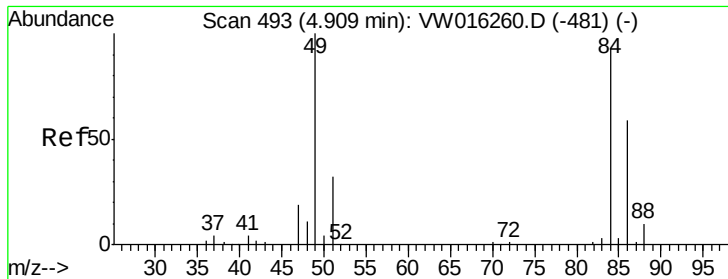
System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	8199	23.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.40%
7) Chloroethane-d5	2.89	69	7347	27.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.44%
10) 1,1-Dichloroethene-d2	4.03	63	13629	18.47	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.88%
20) 2-Butanone-d5	7.09	46	4526	49.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.00%
24) Chloroform-d	7.65	84	20277	26.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.84%
26) 1,2-Dichloroethane-d4	8.31	65	10031	25.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.44%
29) Benzene-d6	8.28	84	35317	23.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.92%
33) 1,2-Dichloropropane-d6	9.27	67	10982	25.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.40%
37) Toluene-d8	10.32	98	27378	20.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.24%
38) trans-1,3-Dichloropropene-	10.59	79	4085	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.08%
39) 2-Hexanone-d5	10.93	63	2771	36.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	9812	27.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	8734	29.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	3979	8.992	ug/L	89
27) 1,2-Dichloroethane	8.27	62	180	0.379	ug/L #	74
35) Trichloroethene	8.85	95	607	1.431	ug/L #	6
36) Methylcyclohexane	9.27	83	3004	4.299	ug/L #	18
40) 1,2-Dichloropropane	9.27	63	1354	3.495	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	225	0.381	ug/L #	42
47) Tetrachloroethene	10.87	164	2772	8.717	ug/L	92
49) 2-Hexanone	10.93	43	386	2.455	ug/L #	41
50) Dibromochloromethane	10.87	129	2816	7.841	ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	1041	3.862	ug/L #	87

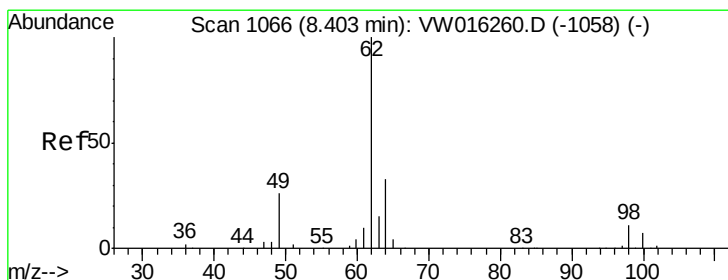
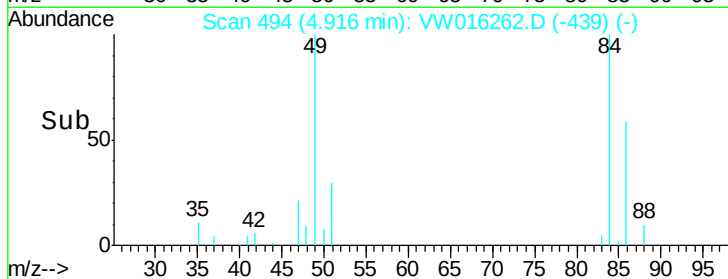
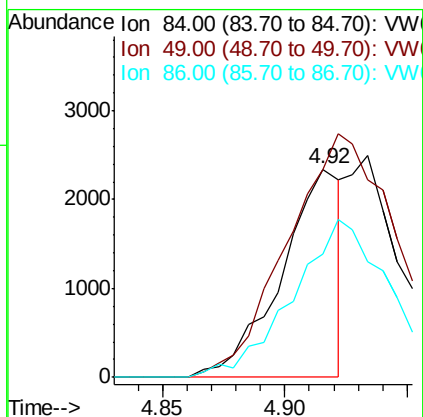
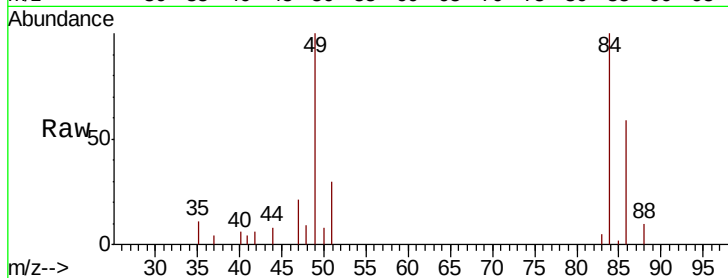
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#16
Methylene chloride
Concen: 8.992 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW016262.D
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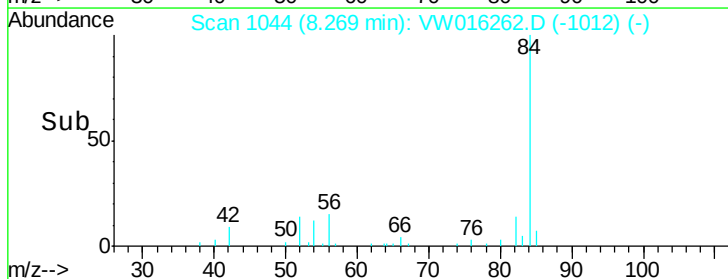
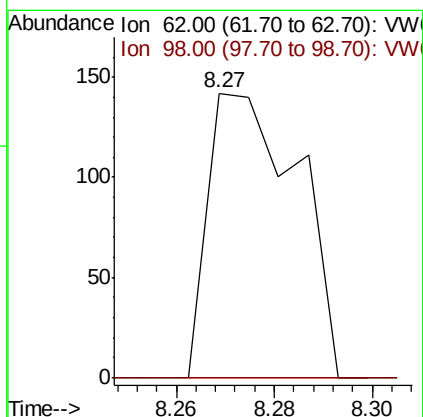
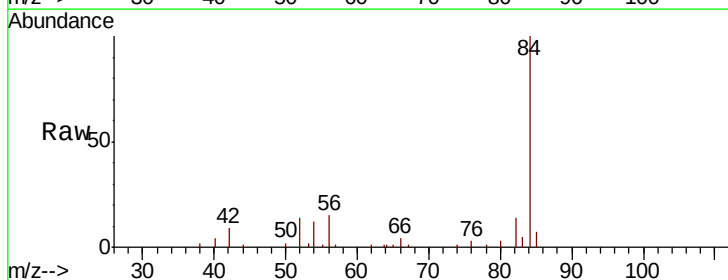
Instrument :
MSVOA_W
ClientSampleId :

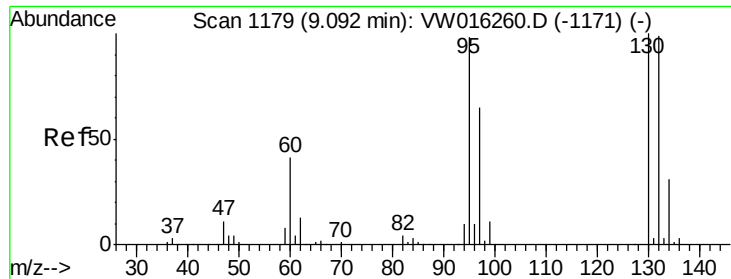
Tot Ion: 84 Resp: 3979
Ion Ratio Lower Upper
84 100
49 99.5 80.4 149.4
86 58.9 43.8 81.3



#27
1,2-Dichloroethane
Concen: 0.379 ug/L
RT: 8.27 min Scan# 1044
Delta R.T. -0.13 min
Lab File: VW016262.D
Acq: 20 Aug 2020 12:42

Tgt Ion: 62 Resp: 180
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#

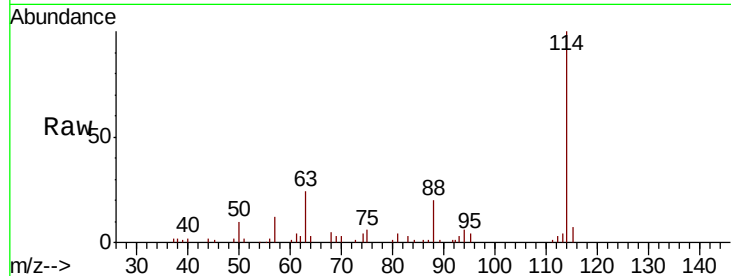




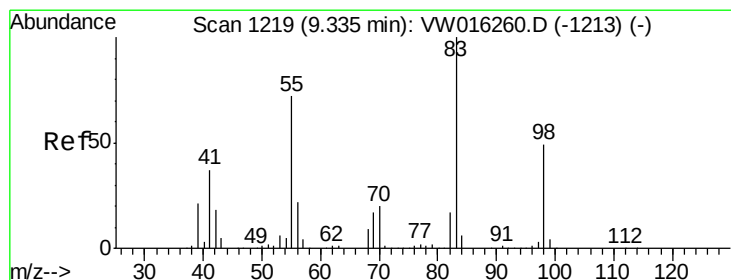
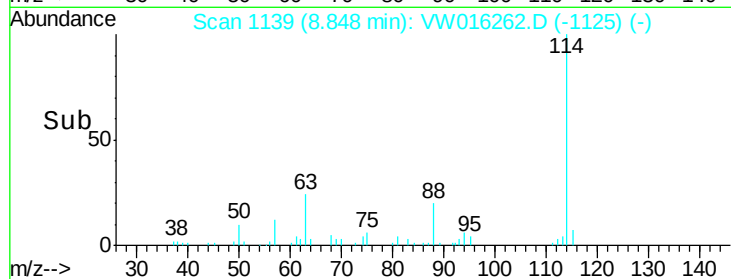
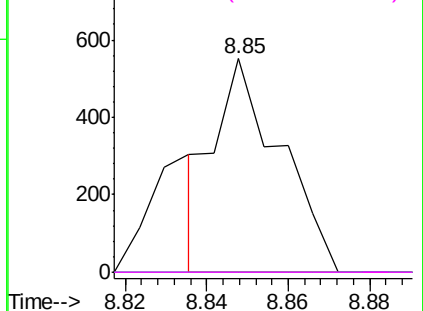
#35
 Trichloroethene
 Concen: 1.431 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
 Lab File: VW016262.D
 Acq: 20 Aug 2020 12:42

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 95 Resp: 607
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.9 83.3#
 132 0.0 65.8 122.2#
 130 0.0 69.5 129.1#

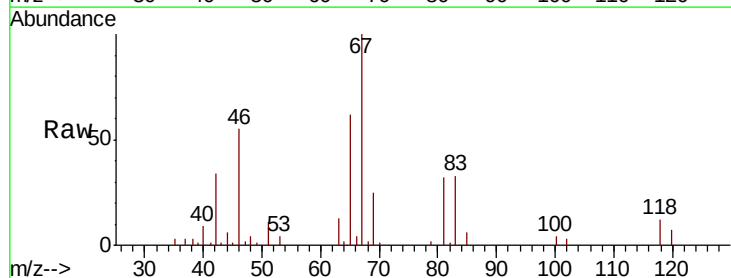


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

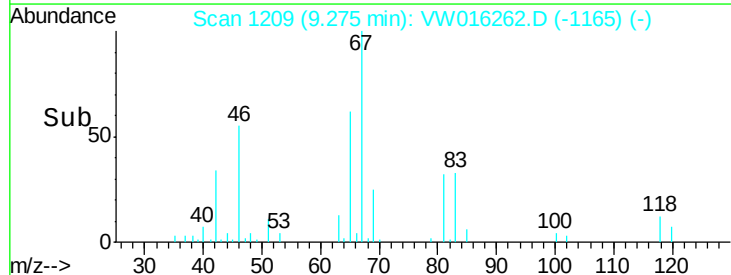
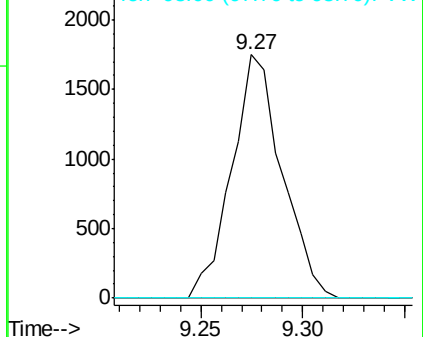


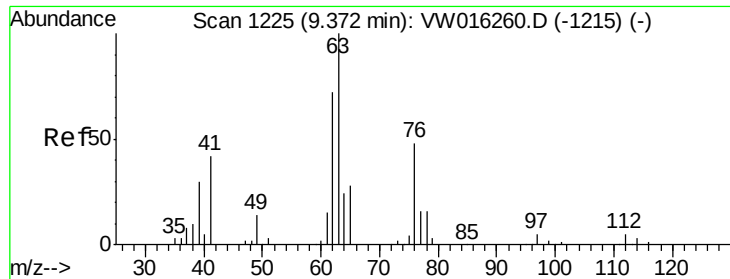
#36
 Methylcyclohexane
 Concen: 4.299 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.06 min
 Lab File: VW016262.D
 Acq: 20 Aug 2020 12:42

Tgt Ion: 83 Resp: 3004
 Ion Ratio Lower Upper
 83 100
 55 0.0 60.7 91.1#
 98 0.0 39.4 59.0#



Abundance Ion 83.00 (82.70 to 83.70): VW
 Ion 55.00 (54.70 to 55.70): VW
 Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 3.495 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016262.D

Acq: 20 Aug 2020 12:42

Instrument :

MSVOA_W

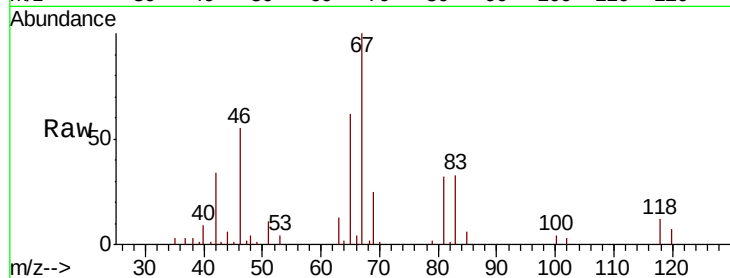
ClientSampled :

Tot Ion: 63 Resp: 1354

Ion Ratio Lower Upper

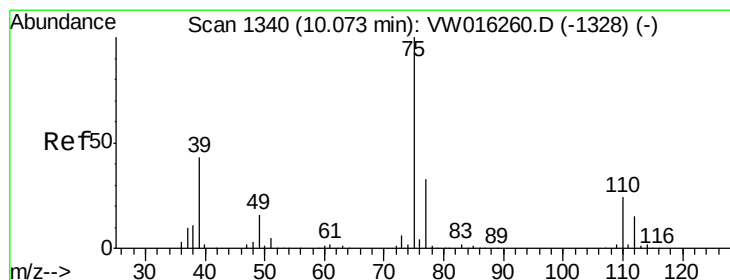
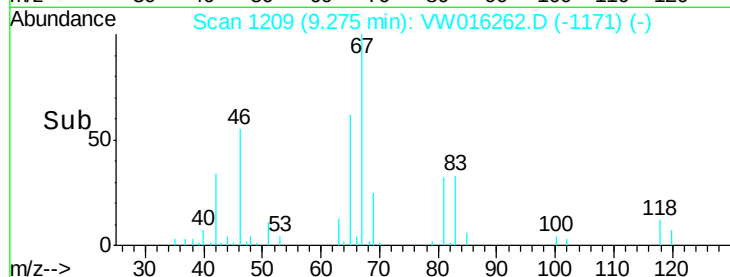
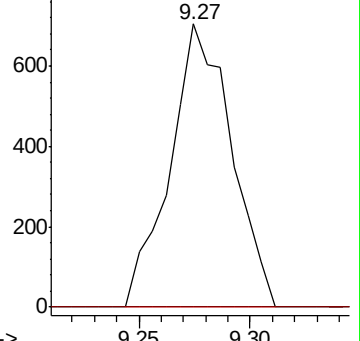
63 100

112 0.0 4.0 6.0#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.381 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016262.D

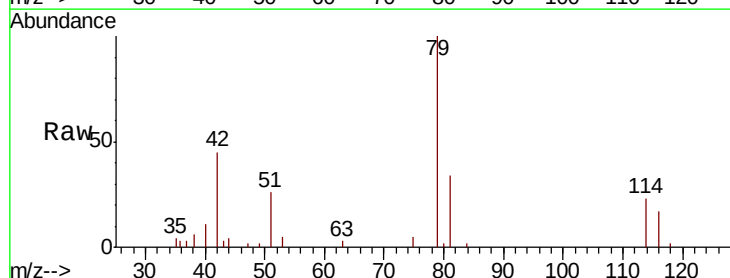
Acq: 20 Aug 2020 12:42

Tgt Ion: 75 Resp: 225

Ion Ratio Lower Upper

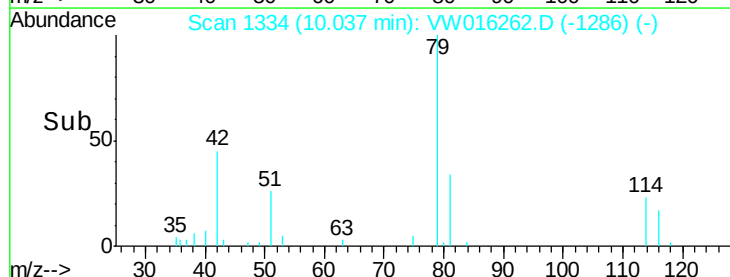
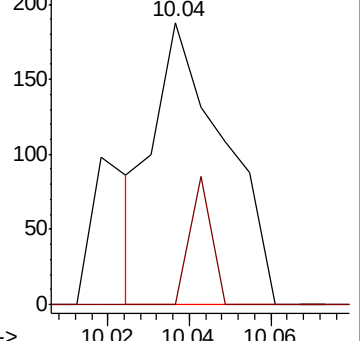
75 100

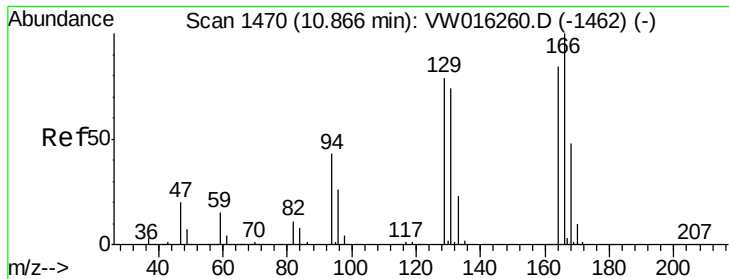
77 0.0 22.9 42.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

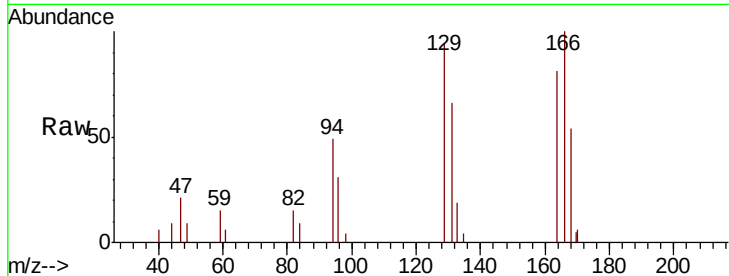




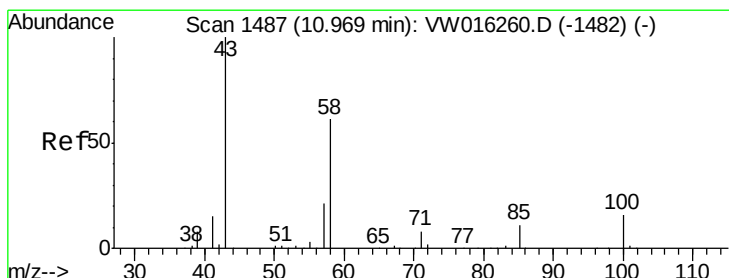
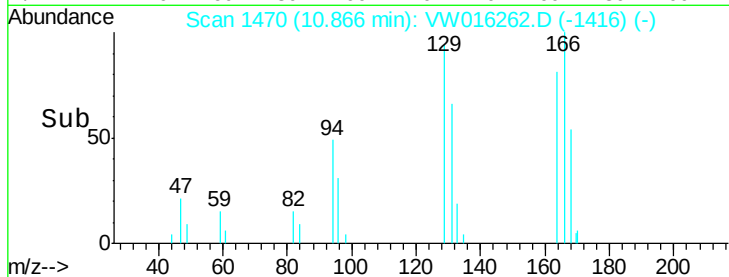
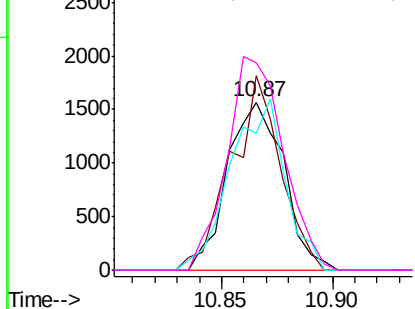
#47
Tetrachloroethene
Concen: 8.717 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016262.D
Acq: 20 Aug 2020 12:42

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:164 Resp: 2772
Ion Ratio Lower Upper
164 100
129 115.6 71.5 132.9
131 81.3 65.4 121.4
166 123.3 86.9 161.5

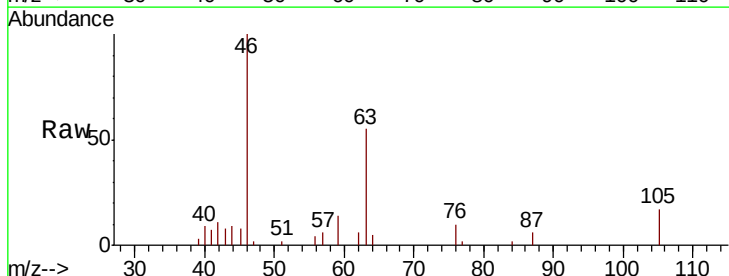


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

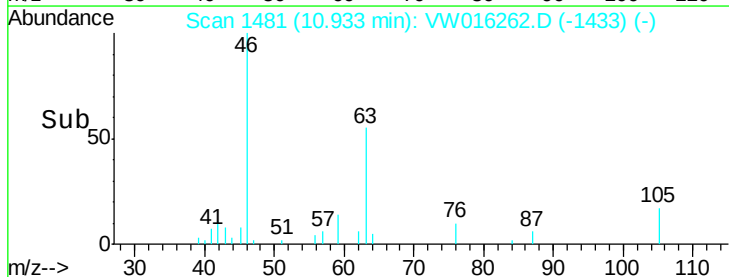
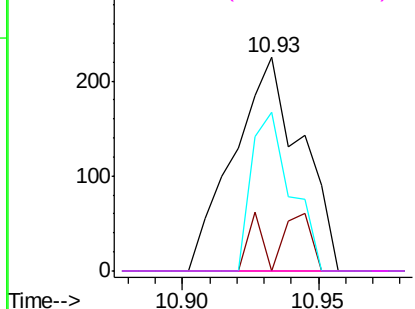


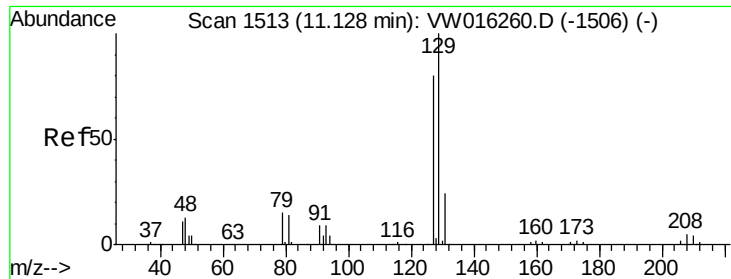
#49
2-Hexanone
Concen: 2.455 ug/L
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW016262.D
Acq: 20 Aug 2020 12:42

Tgt Ion: 43 Resp: 386
Ion Ratio Lower Upper
43 100
58 6.0 44.2 66.2#
57 43.8 15.8 23.6#
100 0.0 10.8 16.2#



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

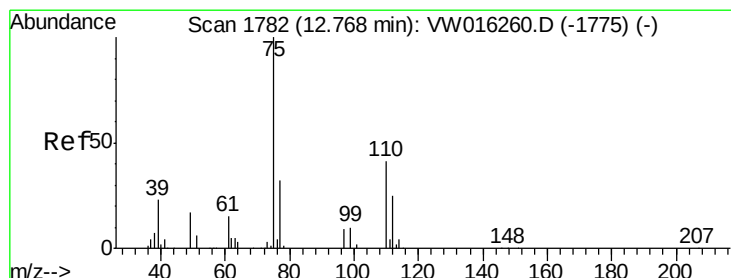
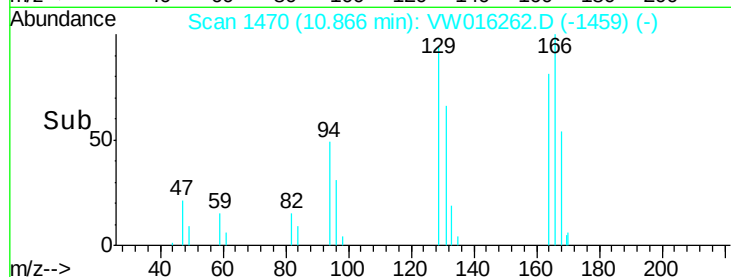
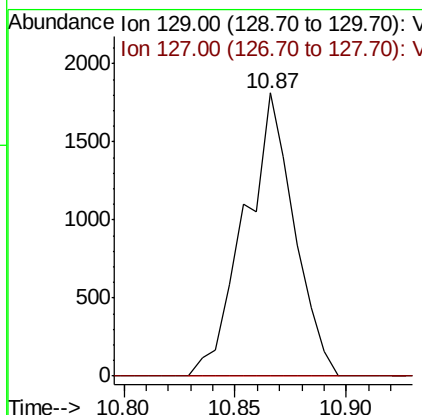
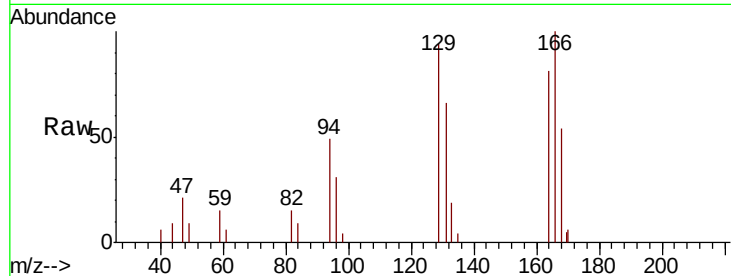




#50
 Dibromochloromethane
 Concen: 7.841 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.26 min
 Lab File: VW016262.D
 Acq: 20 Aug 2020 12:42

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:129 Resp: 2816
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 102.8#



#59
 1,2,3-Trichloropropane
 Concen: 3.862 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016262.D
 Acq: 20 Aug 2020 12:42

Tgt Ion: 75 Resp: 1041
 Ion Ratio Lower Upper
 75 100
 77 25.0 25.9 38.9#

