

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060820\
 Data File : VW015560.D
 Acq On : 08 Jun 2020 16:34
 Operator : SY/VA
 Sample : L2848-14RE
 Misc : 4.57G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 09 02:05:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	379334	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	342590	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	147172	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	122086	35.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	140.48%
7) Chloroethane-d5	2.89	69	97147	28.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.40%
10) 1,1-Dichloroethene-d2	4.01	63	180466	21.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.24%
20) 2-Butanone-d5	7.09	46	43264	38.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.24%
24) Chloroform-d	7.65	84	218523	24.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.64%
26) 1,2-Dichloroethane-d4	8.31	65	119647	24.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.08%
29) Benzene-d6	8.28	84	448885	26.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.88%
33) 1,2-Dichloropropane-d6	9.28	67	127104	24.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.56%
37) Toluene-d8	10.33	98	414077	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.40%
38) trans-1,3-Dichloropropene-	10.58	79	52177	22.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.36%
39) 2-Hexanone-d5	10.93	63	34447	38.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78003	20.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	121152	24.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.24%

Target Compounds

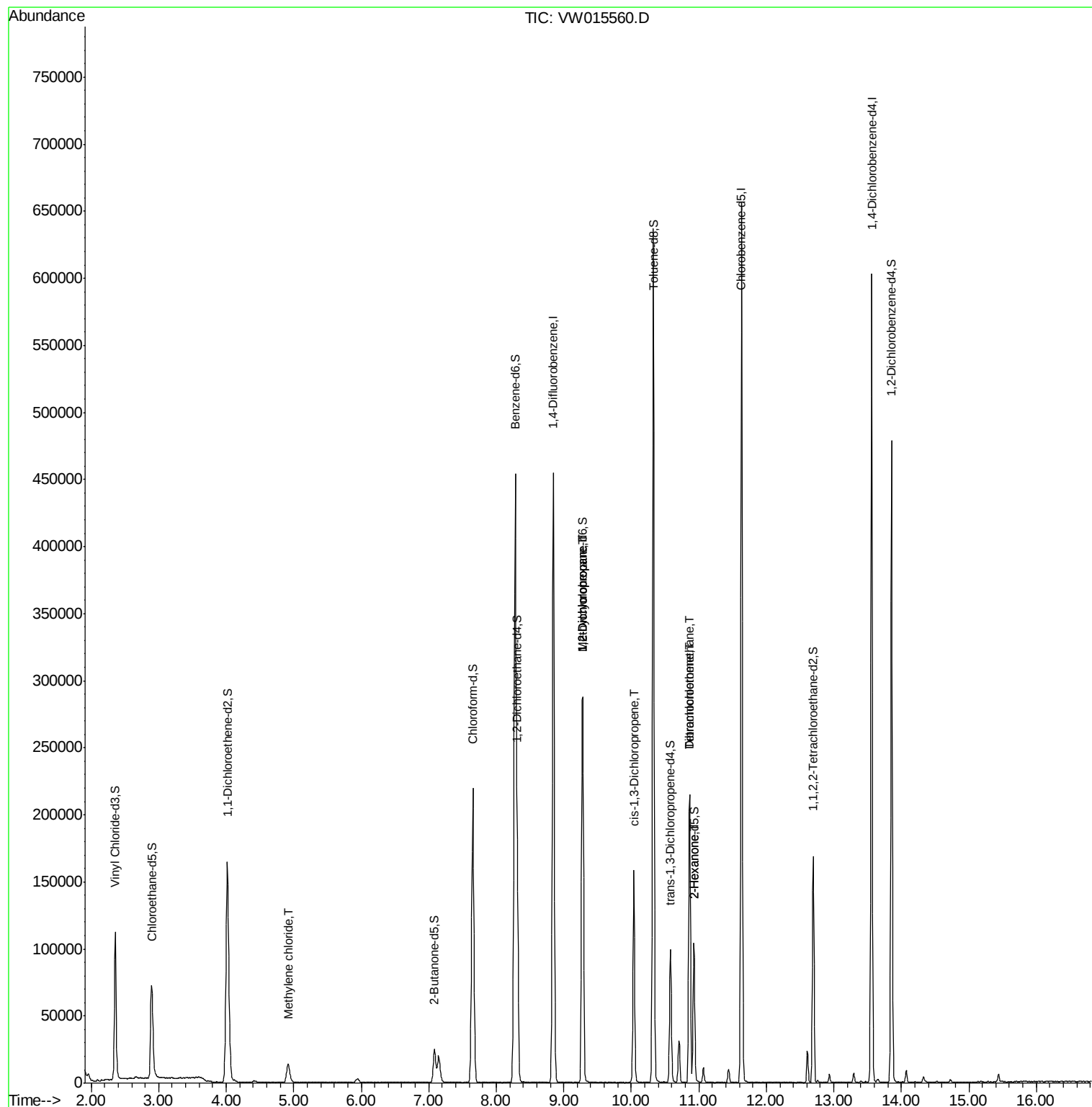
					Ovalue
16) Methylene chloride	4.92	84	10962	2.355 ug/L	92
36) Methylcyclohexane	9.27	83	32059	3.493 ug/L #	18
40) 1,2-Dichloropropane	9.28	63	15835	3.356 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4098	0.543 ug/L #	65
47) Tetrachloroethene	10.87	164	47151	11.558 ug/L	96
49) 2-Hexanone	10.93	43	4518	2.420 ug/L #	67
50) Dibromochloromethane	10.87	129	44224	11.028 ug/L #	12

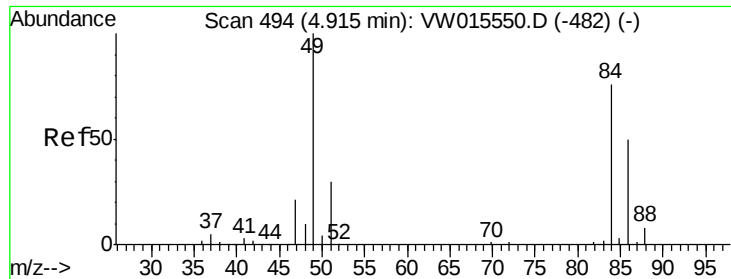
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 09 02:02:35 2020
Response via : Initial Calibration

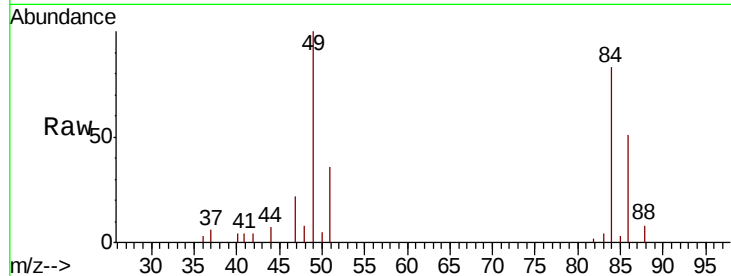




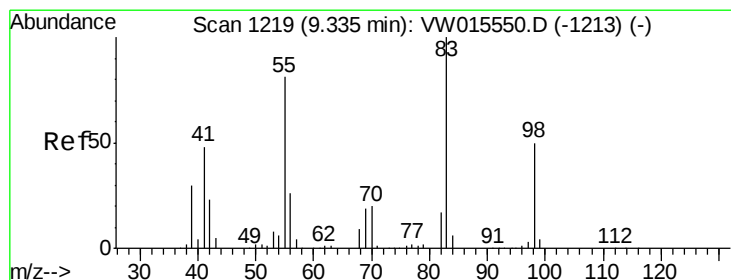
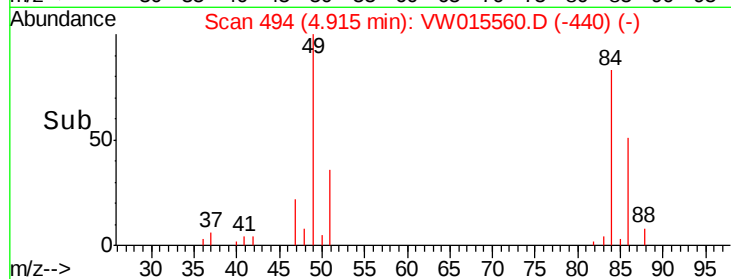
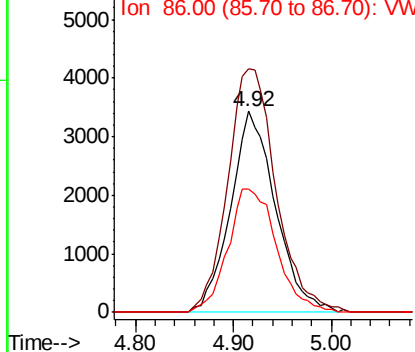
#16
Methylene chloride
Concen: 2.355 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015560.D
Acq: 08 Jun 2020 16:34

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 10962
Ion Ratio Lower Upper
84 100
49 121.0 93.0 172.8
86 61.4 44.7 83.1

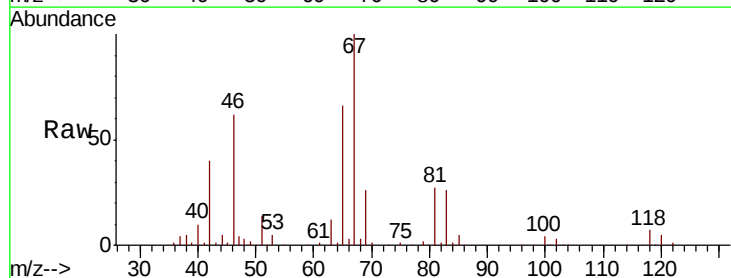


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

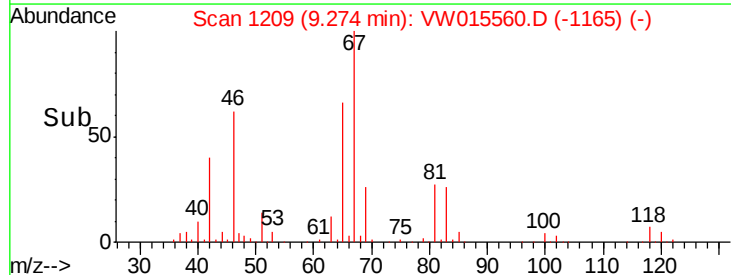
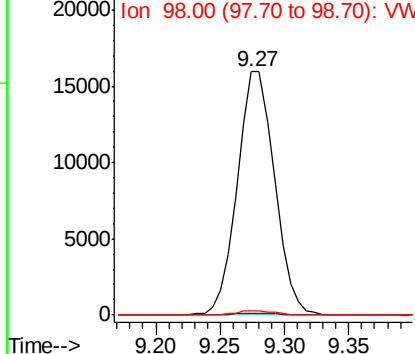


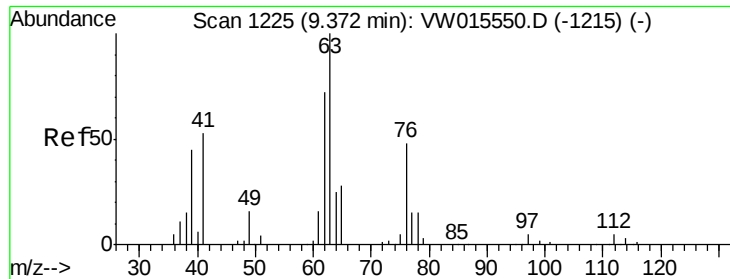
#36
Methylcyclohexane
Concen: 3.493 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW015560.D
Acq: 08 Jun 2020 16:34

Tgt Ion: 83 Resp: 32059
Ion Ratio Lower Upper
83 100
55 0.5 62.8 94.2#
98 1.7 39.2 58.8#



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

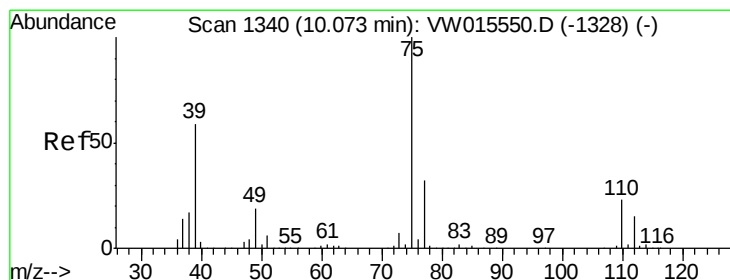
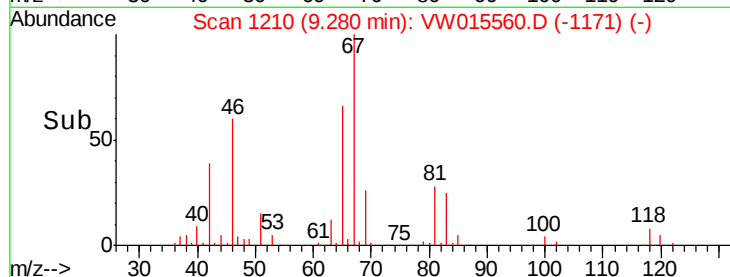
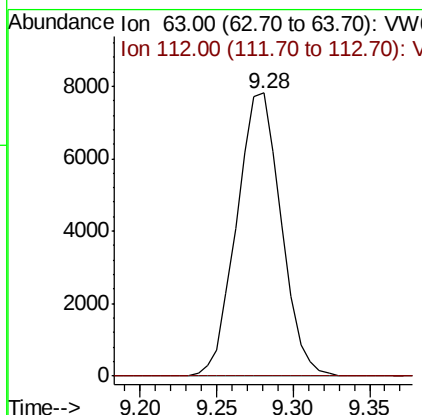
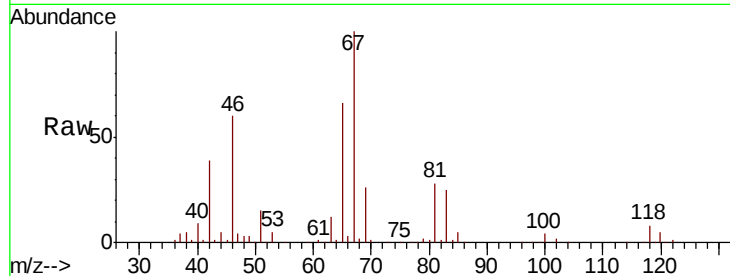




#40
 1,2-Dichloropropane
 Concen: 3.356 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW015560.D
 Acq: 08 Jun 2020 16:34

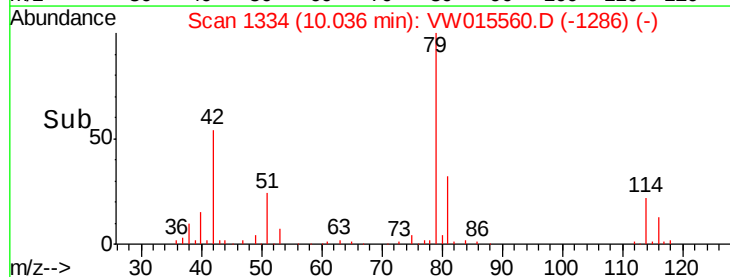
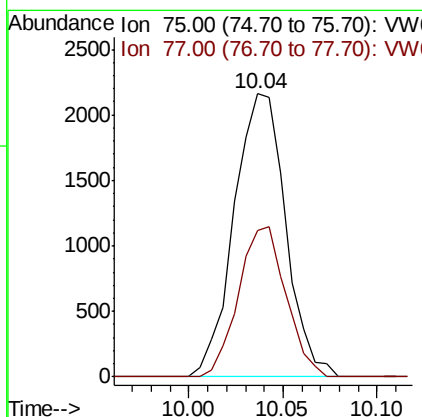
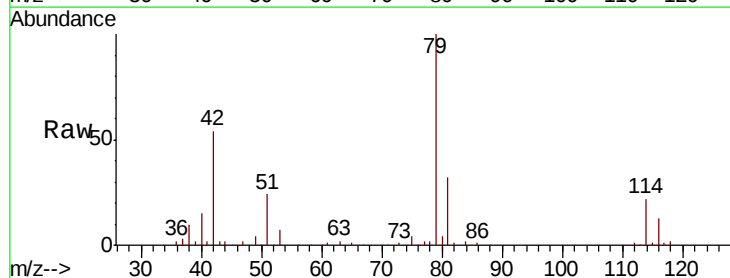
Instrument :
 MSVOA_W
 ClientSampleId :

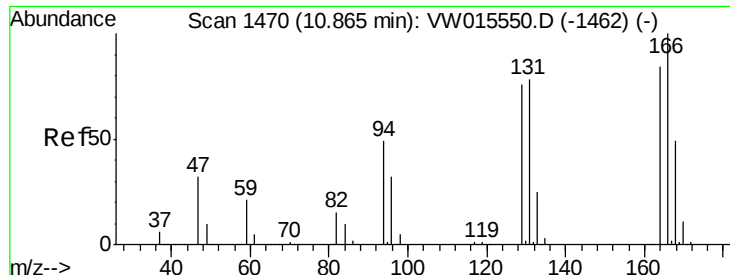
Tot Ion: 63 Resp: 15835
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.543 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015560.D
 Acq: 08 Jun 2020 16:34

Tgt Ion: 75 Resp: 4098
 Ion Ratio Lower Upper
 75 100
 77 51.5 22.3 41.5#

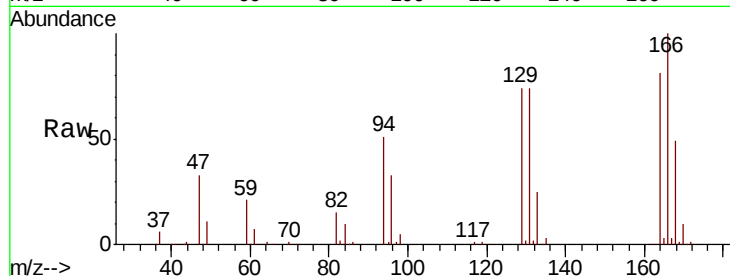




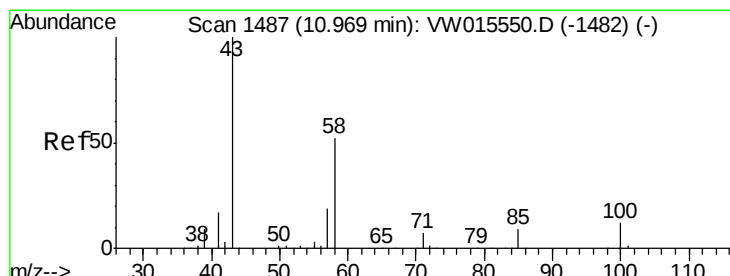
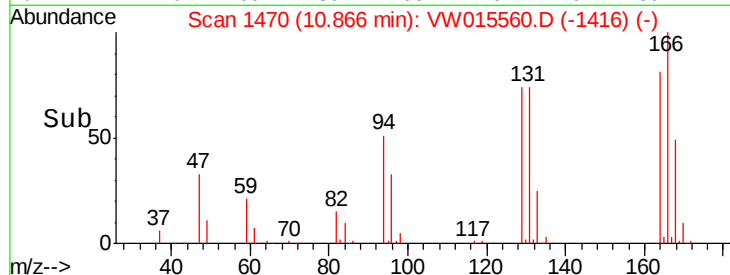
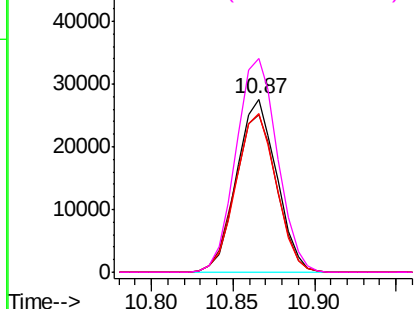
#47
Tetrachloroethene
Concen: 11.558 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015560.D
Acq: 08 Jun 2020 16:34

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:164 Resp: 47151
Ion Ratio Lower Upper
164 100
129 91.3 66.3 123.1
131 91.7 65.1 120.9
166 123.3 90.8 168.6

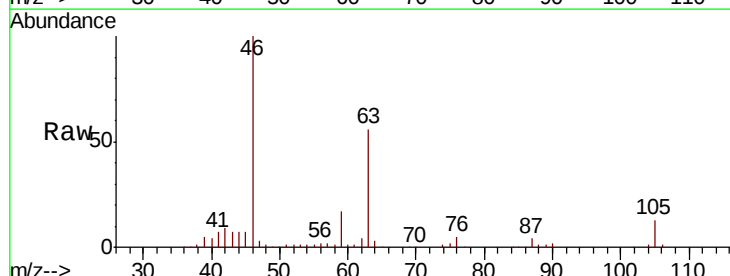


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

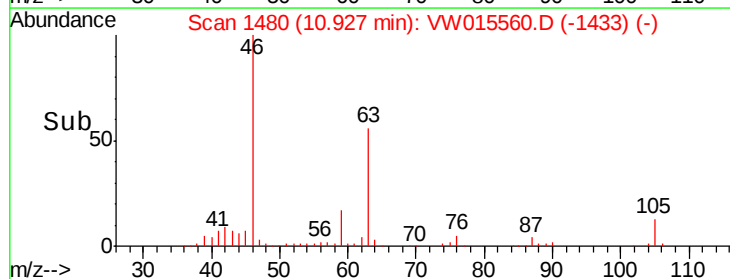
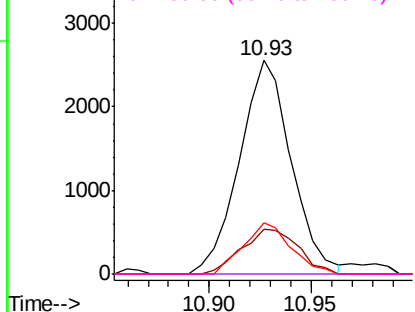


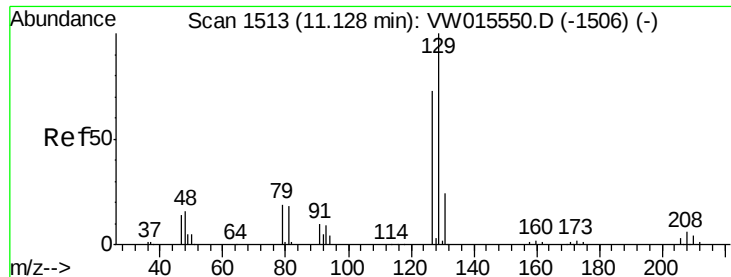
#49
2-Hexanone
Concen: 2.420 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW015560.D
Acq: 08 Jun 2020 16:34

Tgt Ion: 43 Resp: 4518
Ion Ratio Lower Upper
43 100
58 22.9 42.6 64.0#
57 22.1 15.5 23.3
100 0.0 10.3 15.5#



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: 11.028 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW015560.D

Acq: 08 Jun 2020 16:34

Instrument :

MSVOA_W

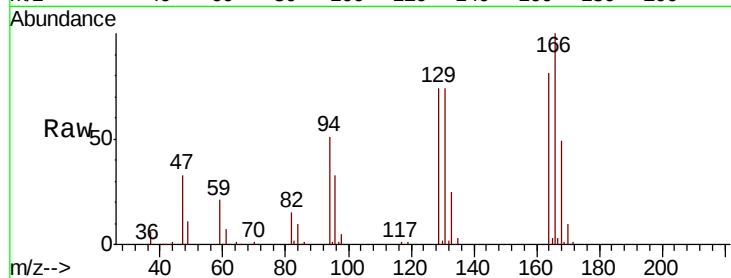
ClientSampleId :

Tot Ion:129 Resp: 44224

Ion Ratio Lower Upper

129 100

127 0.0 53.0 98.4#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

