

Data File : VW015568.D
Acq On : 09 Jun 2020 13:36
Operator : SY/VA
Sample : L2848-18
Misc : 4.25G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AH3

Quant Time: Jun 10 03:29:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 09 12:46:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	168834	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	155325	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	66541	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	56985	36.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	147.32%
7) Chloroethane-d5	2.90	69	44718	29.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.24%
10) 1,1-Dichloroethene-d2	4.01	63	79085	20.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.92%
20) 2-Butanone-d5	7.09	46	20737	41.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.10%
24) Chloroform-d	7.65	84	97653	25.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.04%
26) 1,2-Dichloroethane-d4	8.31	65	55784	25.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.72%
29) Benzene-d6	8.28	84	196083	25.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.96%
33) 1,2-Dichloropropane-d6	9.28	67	57975	25.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.16%
37) Toluene-d8	10.33	98	179194	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.80%
38) trans-1,3-Dichloropropene-	10.58	79	22895	21.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.52%
39) 2-Hexanone-d5	10.93	63	15497	38.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	37263	21.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	55248	24.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.12%

Target Compounds

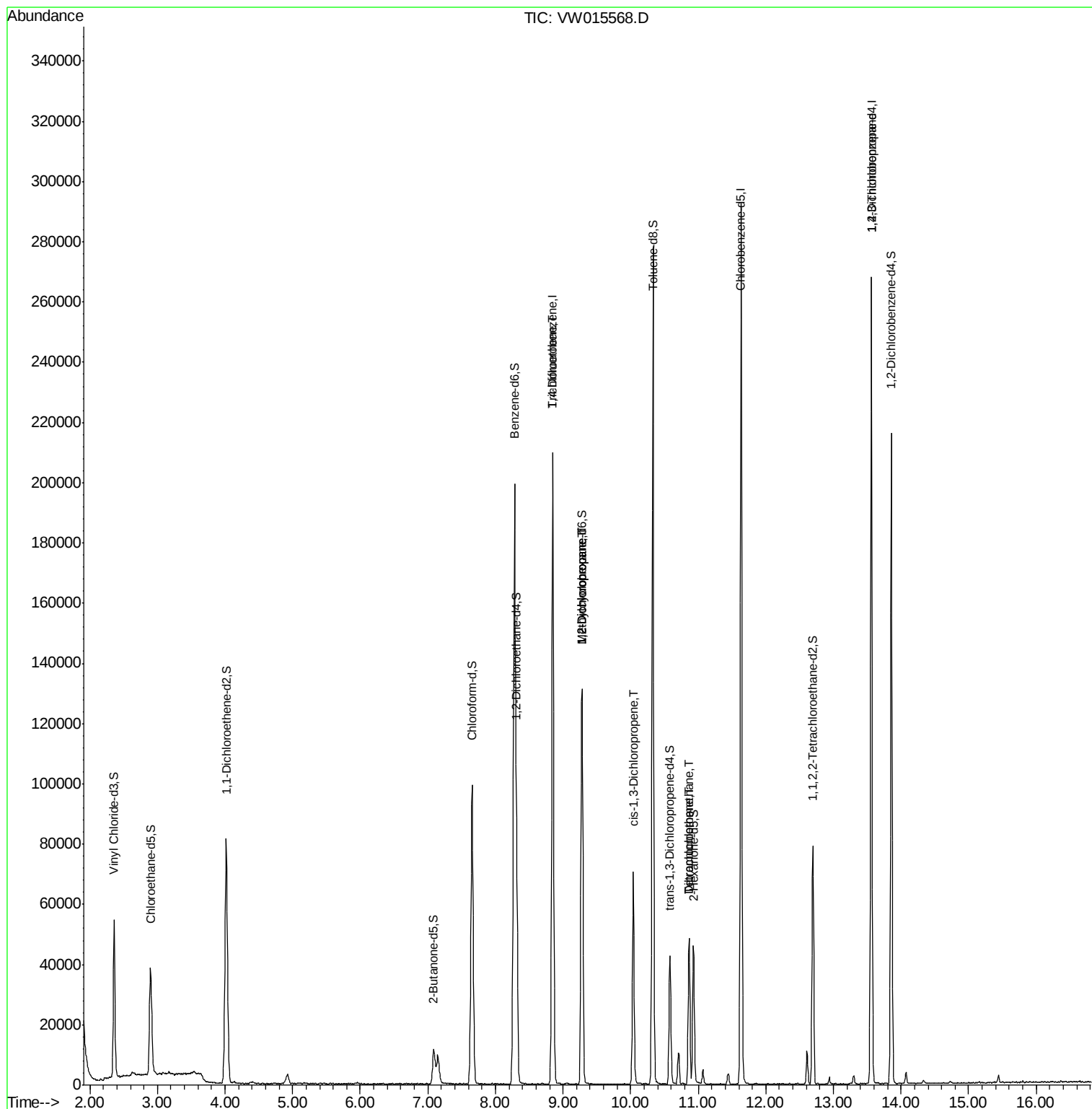
					Qvalue
35) Trichloroethene	8.85	95	5366	2.300 ug/L #	5
36) Methylcyclohexane	9.28	83	14294	3.435 ug/L #	18
40) 1,2-Dichloropropane	9.28	63	7266	3.397 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	1938	0.566 ug/L #	75
47) Tetrachloroethene	10.87	164	10801	5.840 ug/L	95
50) Dibromochloromethane	10.87	129	9679	5.323 ug/L #	12
59) 1,2,3-Trichloropropane	13.56	75	8876	6.757 ug/L	94

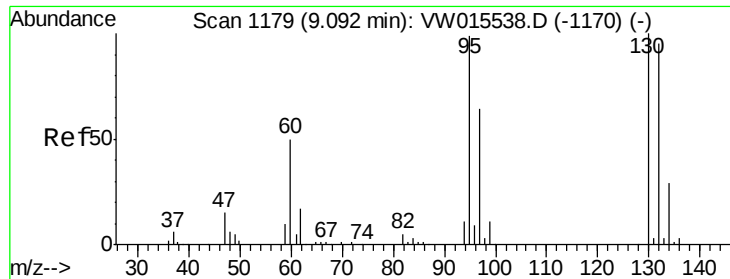
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 2.300 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW015568.D

Acq: 09 Jun 2020 13:36

Instrument :

MSVOA_W

ClientSampleId :

C0AH3

Tgt Ion: 95 Resp: 5366

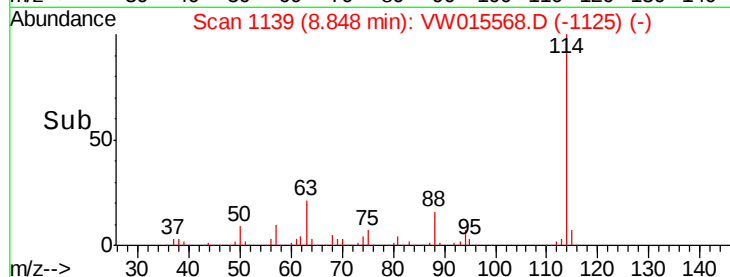
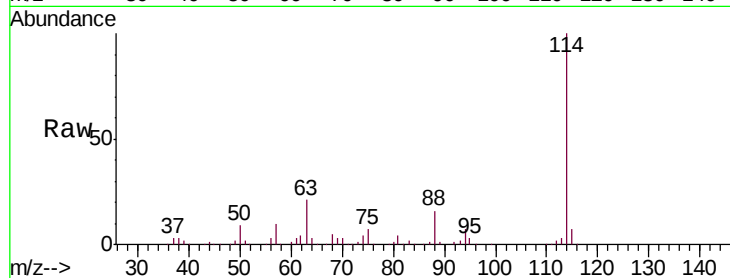
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#

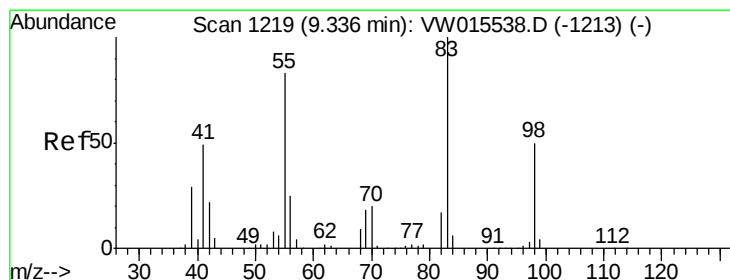
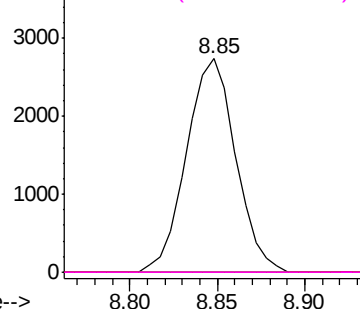


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 3.435 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

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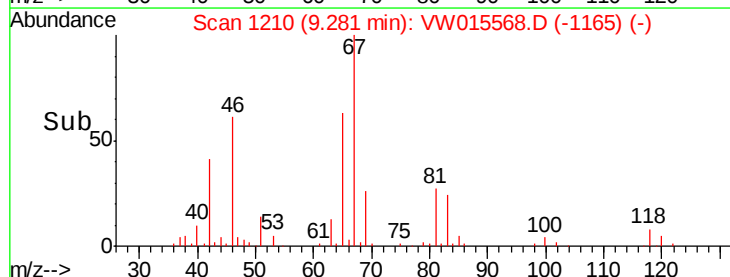
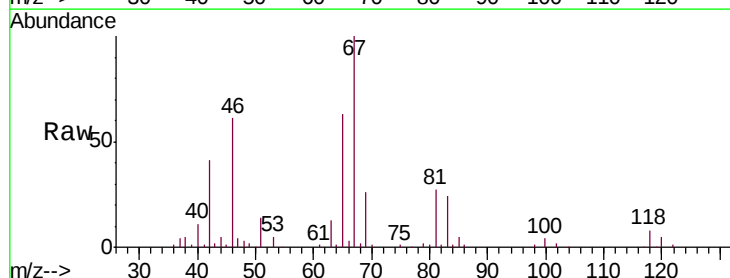
Tgt Ion: 83 Resp: 14294

Ion Ratio Lower Upper

83 100

55 0.4 62.8 94.2#

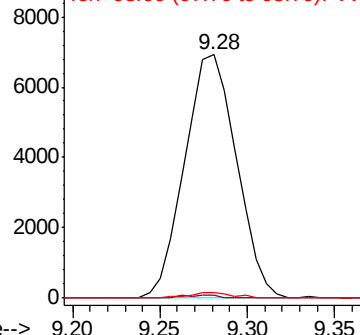
98 1.6 39.2 58.8#

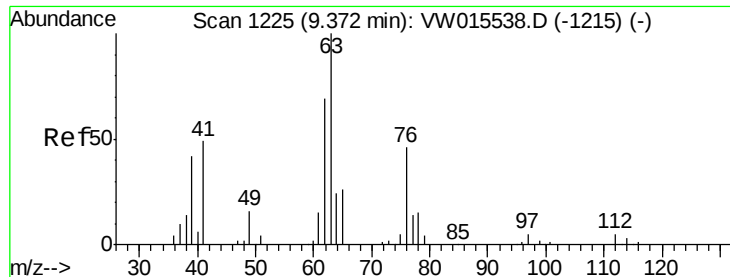


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

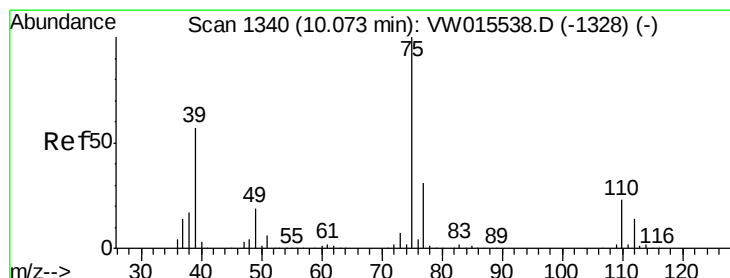
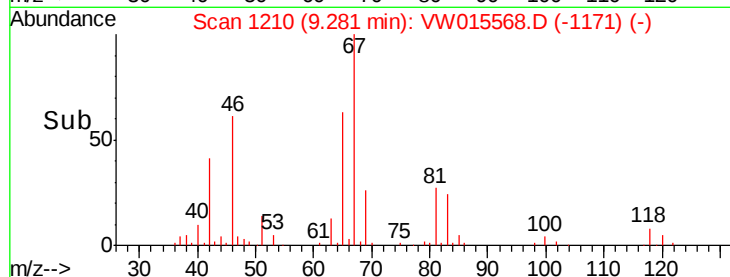
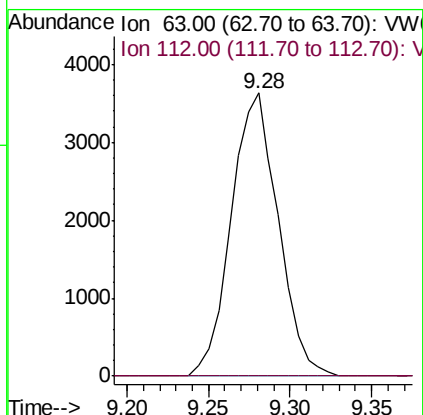
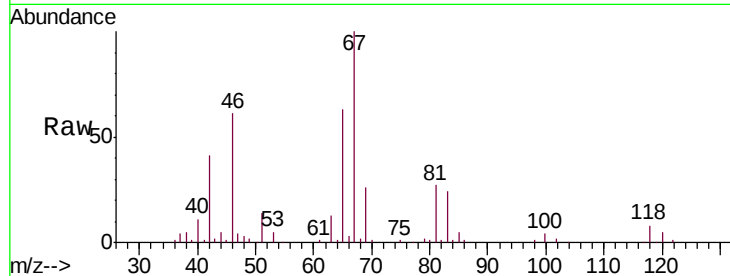




#40
 1,2-Dichloropropane
 Concen: 3.397 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW015568.D
 Acq: 09 Jun 2020 13:36

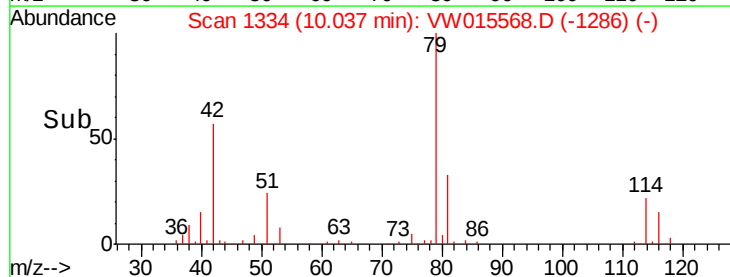
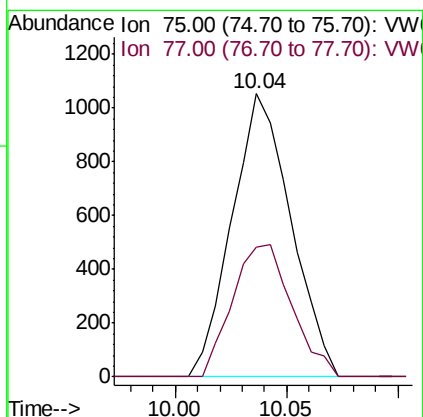
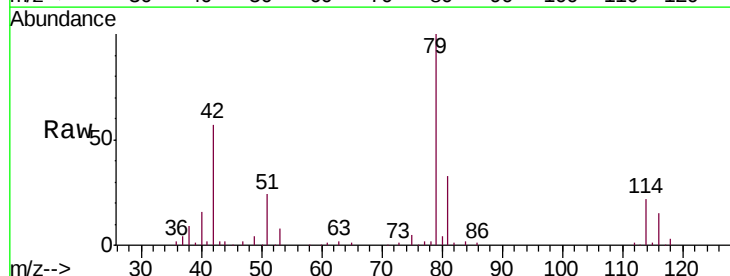
Instrument :
 MSVOA_W
 ClientSampled :
 C0AH3

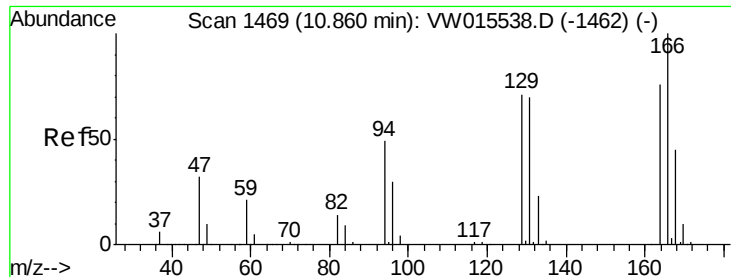
Tgt Ion: 63 Resp: 7266
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.566 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015568.D
 Acq: 09 Jun 2020 13:36

Tgt Ion: 75 Resp: 1938
 Ion Ratio Lower Upper
 75 100
 77 45.9 22.3 41.5#

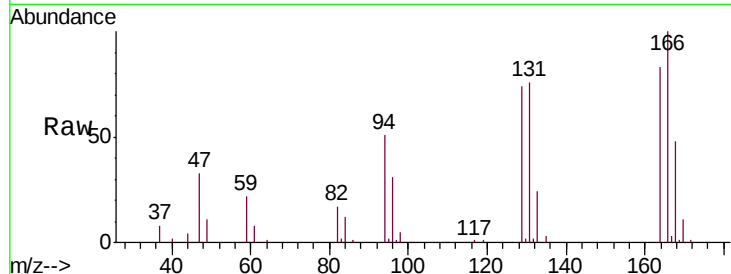




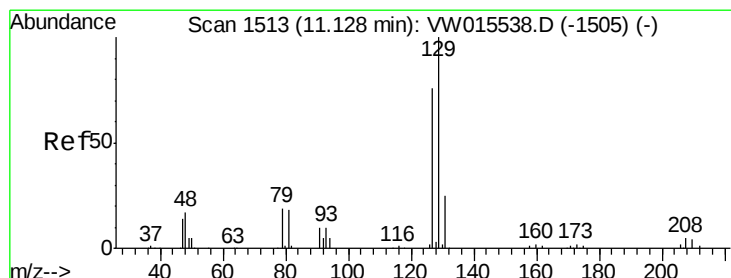
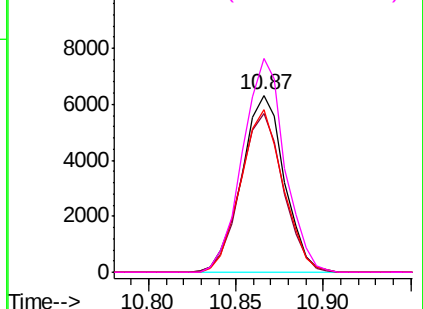
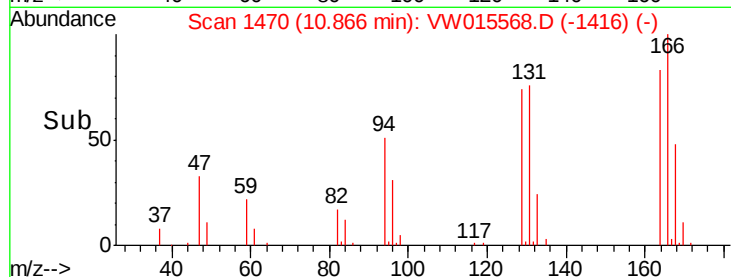
#47
Tetrachloroethene
Concen: 5.840 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015568.D
Acq: 09 Jun 2020 13:36

Instrument :
MSVOA_W
ClientSampleId :
C0AH3

Tgt Ion:164 Resp: 10801
Ion Ratio Lower Upper
164 100
129 89.5 66.3 123.1
131 91.9 65.1 120.9
166 120.7 90.8 168.6

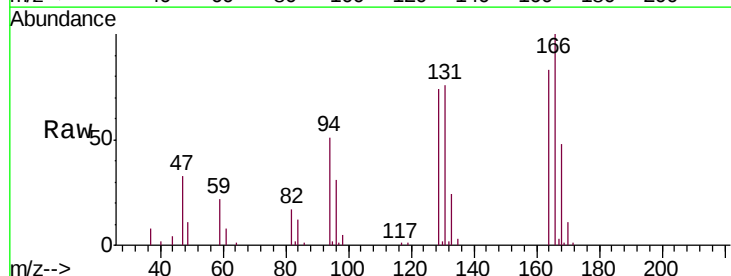


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

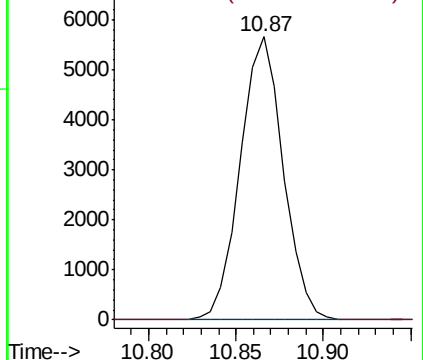
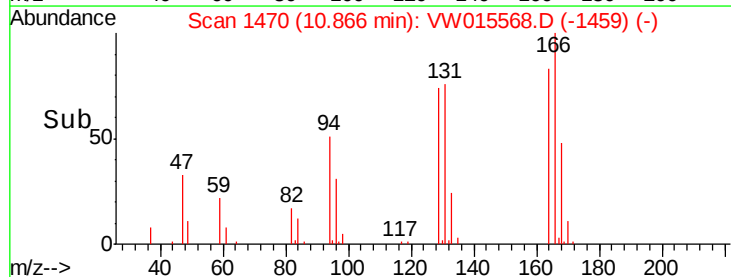


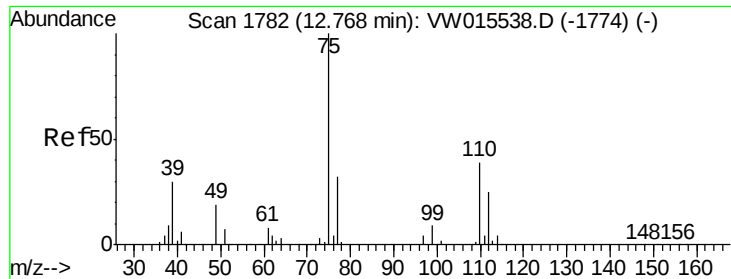
#50
Dibromochloromethane
Concen: 5.323 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.26 min
Lab File: VW015568.D
Acq: 09 Jun 2020 13:36

Tgt Ion:129 Resp: 9679
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





#59

1,2,3-Trichloropropane

Concen: 6.757 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015568.D

Acq: 09 Jun 2020 13:36

Instrument :

MSVOA_W

ClientSampleId :

C0AH3

Tgt Ion: 75 Resp: 8876

Ion Ratio Lower Upper

75 100

77 35.7 25.9 38.9

