

Data File : VW015567.D
Acq On : 09 Jun 2020 13:13
Operator : SY/VA
Sample : L2848-17
Misc : 4.11G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AH2

Quant Time: Jun 10 03:29:39 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	376369	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	333545	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	145101	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	110360	32.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	128.00%
7) Chloroethane-d5	2.90	69	87689	25.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.24%
10) 1,1-Dichloroethene-d2	4.01	63	161512	19.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.88%
20) 2-Butanone-d5	7.08	46	33912	30.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.24%
24) Chloroform-d	7.65	84	187924	21.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.36%
26) 1,2-Dichloroethane-d4	8.31	65	97351	20.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.44%
29) Benzene-d6	8.27	84	382409	23.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.52%
33) 1,2-Dichloropropane-d6	9.27	67	109043	21.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.76%
37) Toluene-d8	10.33	98	355722	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.48%
38) trans-1,3-Dichloropropene-	10.58	79	42458	18.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.84%
39) 2-Hexanone-d5	10.93	63	26176	30.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	61997	16.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	66.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	103492	21.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.12%

Target Compounds

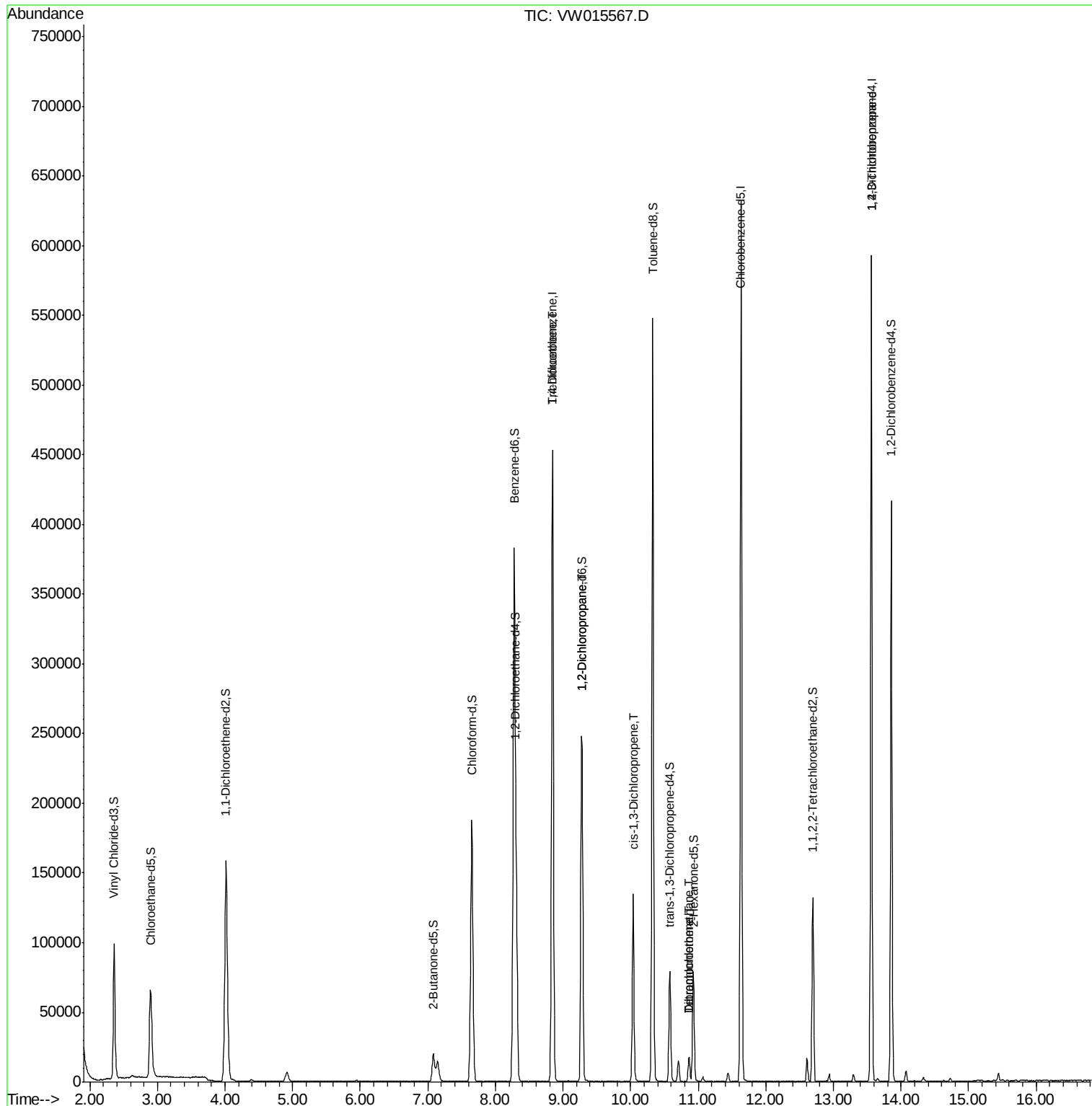
					Qvalue
35) Trichloroethene	8.84	95	11524	2.300 ug/L #	5
40) 1,2-Dichloropropane	9.27	63	13445	2.927 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3429	0.466 ug/L #	70
47) Tetrachloroethene	10.87	164	3846	0.968 ug/L	91
50) Dibromochloromethane	10.86	129	3745	0.959 ug/L #	12
59) 1,2,3-Trichloropropane	13.56	75	18476	6.549 ug/L	90

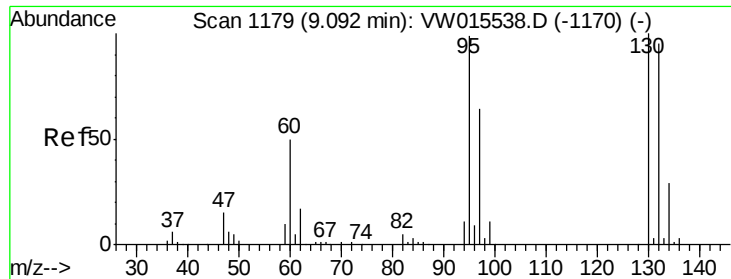
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 2.300 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Acq: 09 Jun 2020 13:13

Instrument :

MSVOA_W

ClientSampleId :

C0AH2

Tgt Ion: 95 Resp: 11524

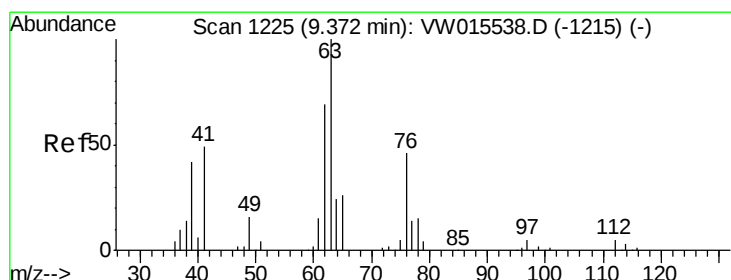
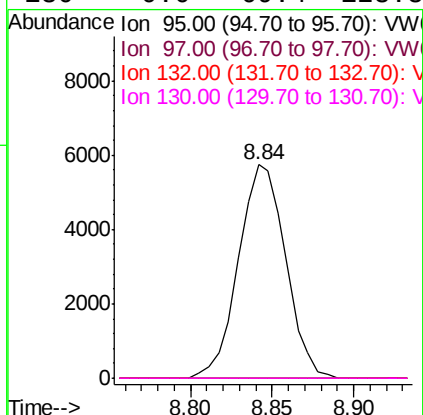
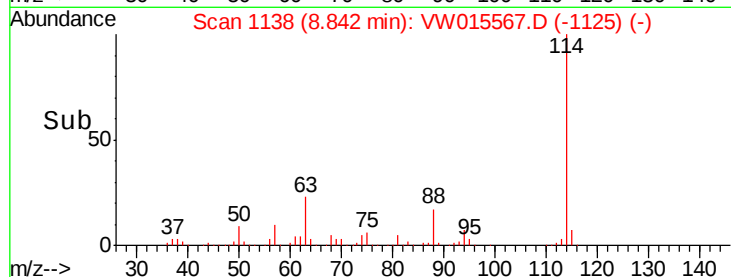
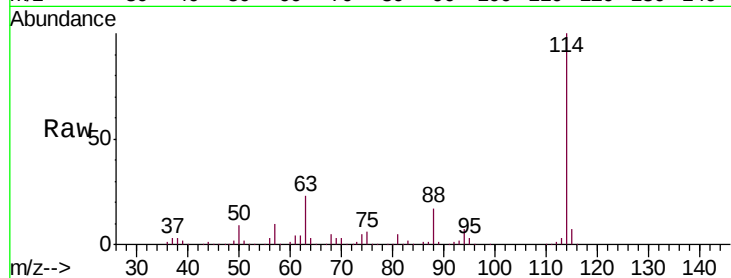
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#



#40

1,2-Dichloropropane

Concen: 2.927 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

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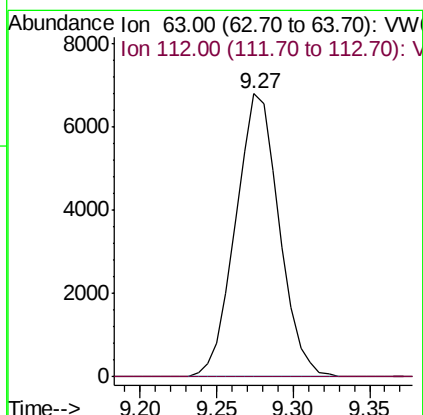
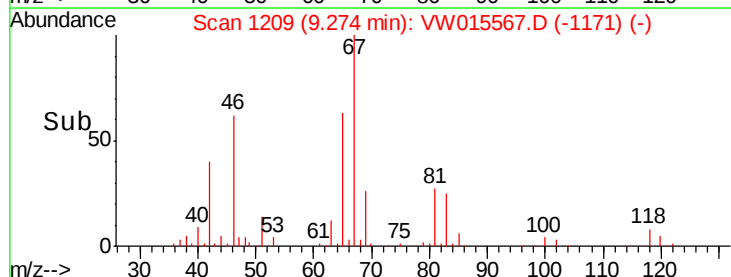
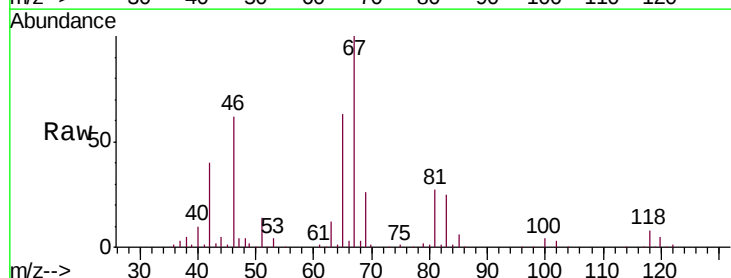
Acq: 09 Jun 2020 13:13

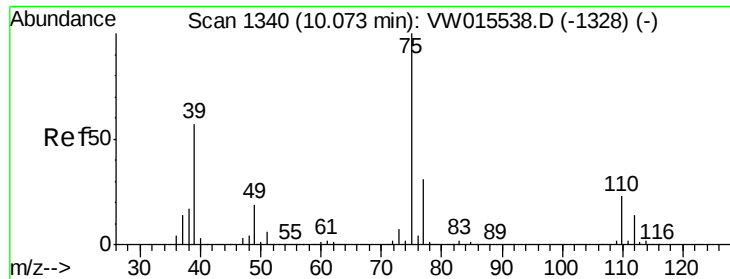
Tgt Ion: 63 Resp: 13445

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#

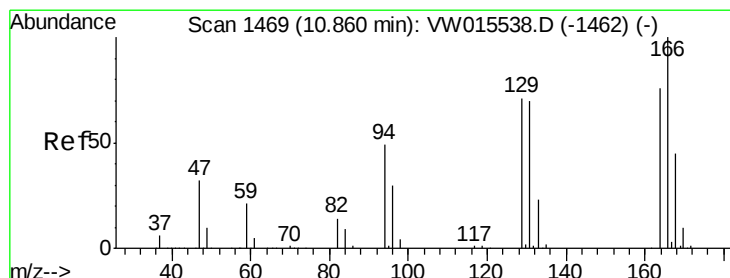
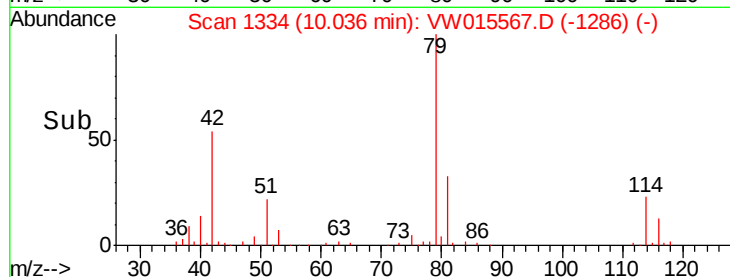
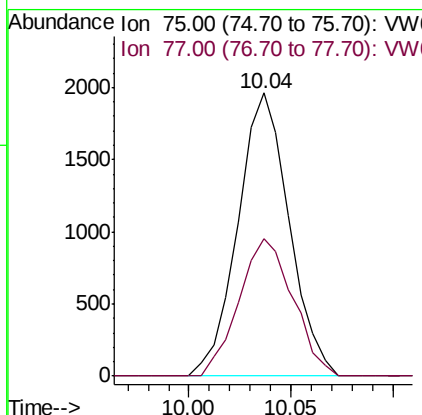
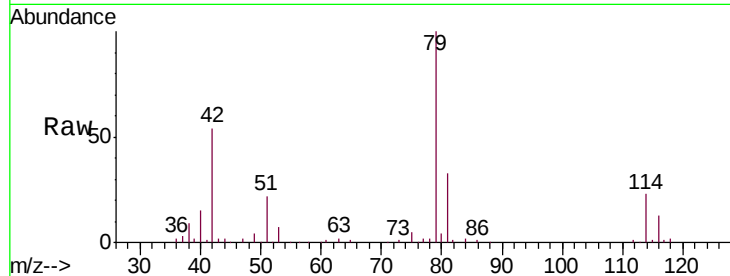




#42
 cis-1,3-Dichloropropene
 Concen: 0.466 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015567.D
 Acq: 09 Jun 2020 13:13

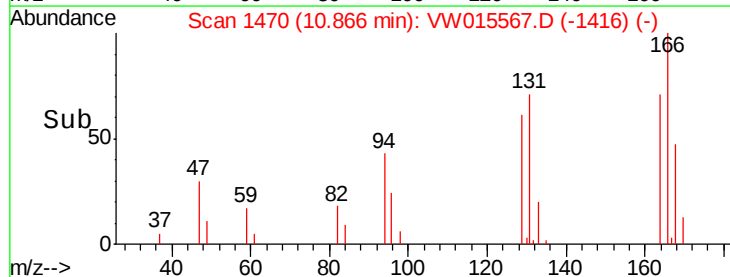
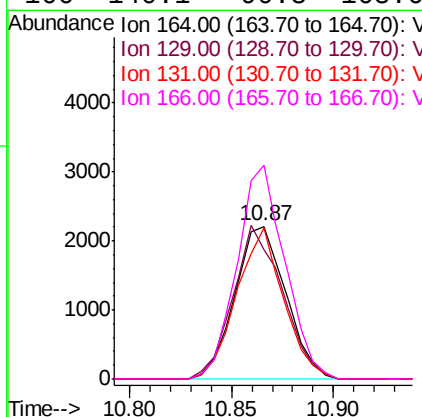
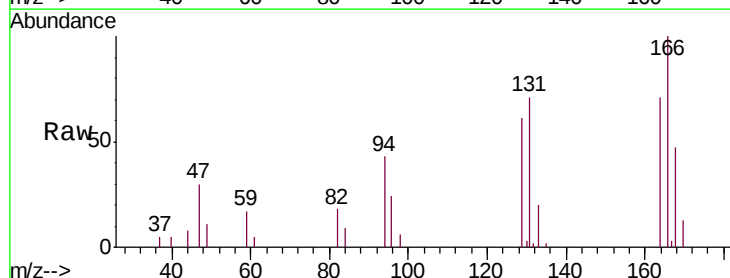
Instrument :
 MSVOA_W
 ClientSampled :
 C0AH2

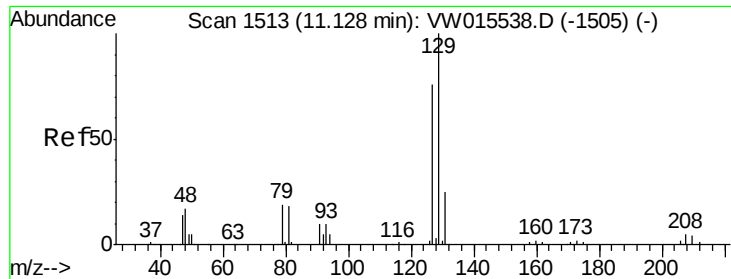
Tgt Ion: 75 Resp: 3429
 Ion Ratio Lower Upper
 75 100
 77 48.4 22.3 41.5#



#47
 Tetrachloroethene
 Concen: 0.968 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VW015567.D
 Acq: 09 Jun 2020 13:13

Tgt Ion: 164 Resp: 3846
 Ion Ratio Lower Upper
 164 100
 129 84.8 66.3 123.1
 131 99.0 65.1 120.9
 166 140.1 90.8 168.6





#50

Dibromochloromethane

Concen: 0.959 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW015567.D

Acq: 09 Jun 2020 13:13

Instrument :

MSVOA_W

ClientSampleId :

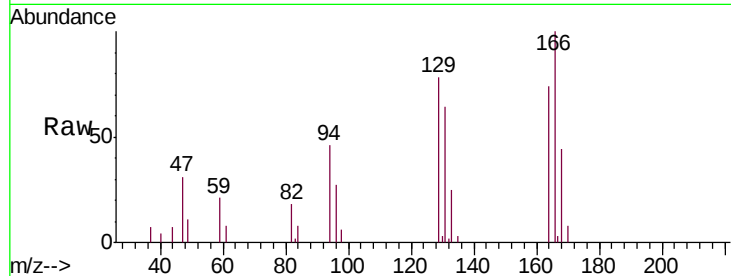
C0AH2

Tgt Ion:129 Resp: 3745

Ion Ratio Lower Upper

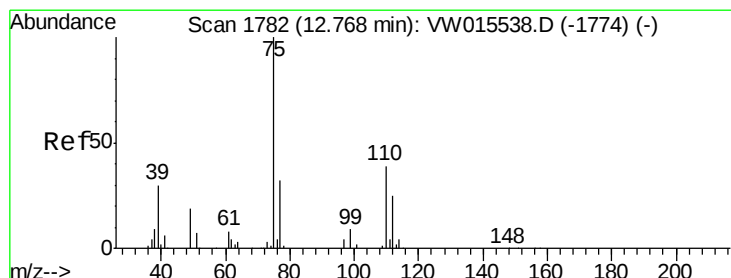
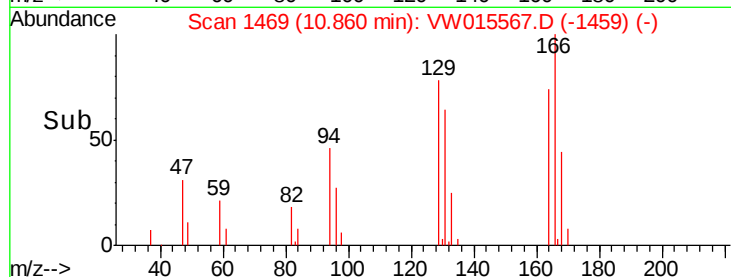
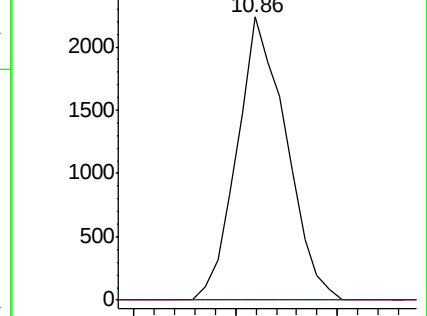
129 100

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: 6.549 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015567.D

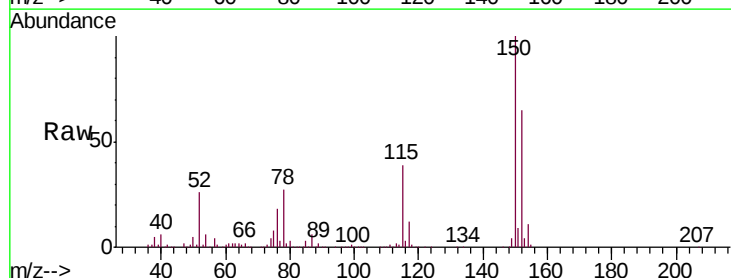
Acq: 09 Jun 2020 13:13

Tgt Ion: 75 Resp: 18476

Ion Ratio Lower Upper

75 100

77 38.0 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

