

Data File : VV011150.D
Acq On : 30 May 2019 21:56
Operator : SY/MD
Sample : K3083-02
Misc : 4.76G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51F4

Quant Time: May 31 01:48:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 01:43:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	290755	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	265661	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	91363	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89210	22.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.72%
7) Chloroethane-d5	1.57	69	76508	25.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.20%
10) 1,1-Dichloroethene-d2	2.12	63	135944	16.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.32%
20) 2-Butanone-d5	3.94	46	98875	68.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.54%#
24) Chloroform-d	4.40	84	196604	27.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.64%
26) 1,2-Dichloroethane-d4	5.08	65	133349	28.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.16%
29) Benzene-d6	5.09	84	387769	26.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.52%
33) 1,2-Dichloropropane-d6	6.12	67	131981	28.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.20%
37) Toluene-d8	7.36	98	340139	24.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.96%
38) trans-1,3-Dichloropropene-	7.66	79	49194	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.08%
39) 2-Hexanone-d5	8.13	63	69618	66.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.52%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	120284	28.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	88153	25.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.16%

Target Compounds

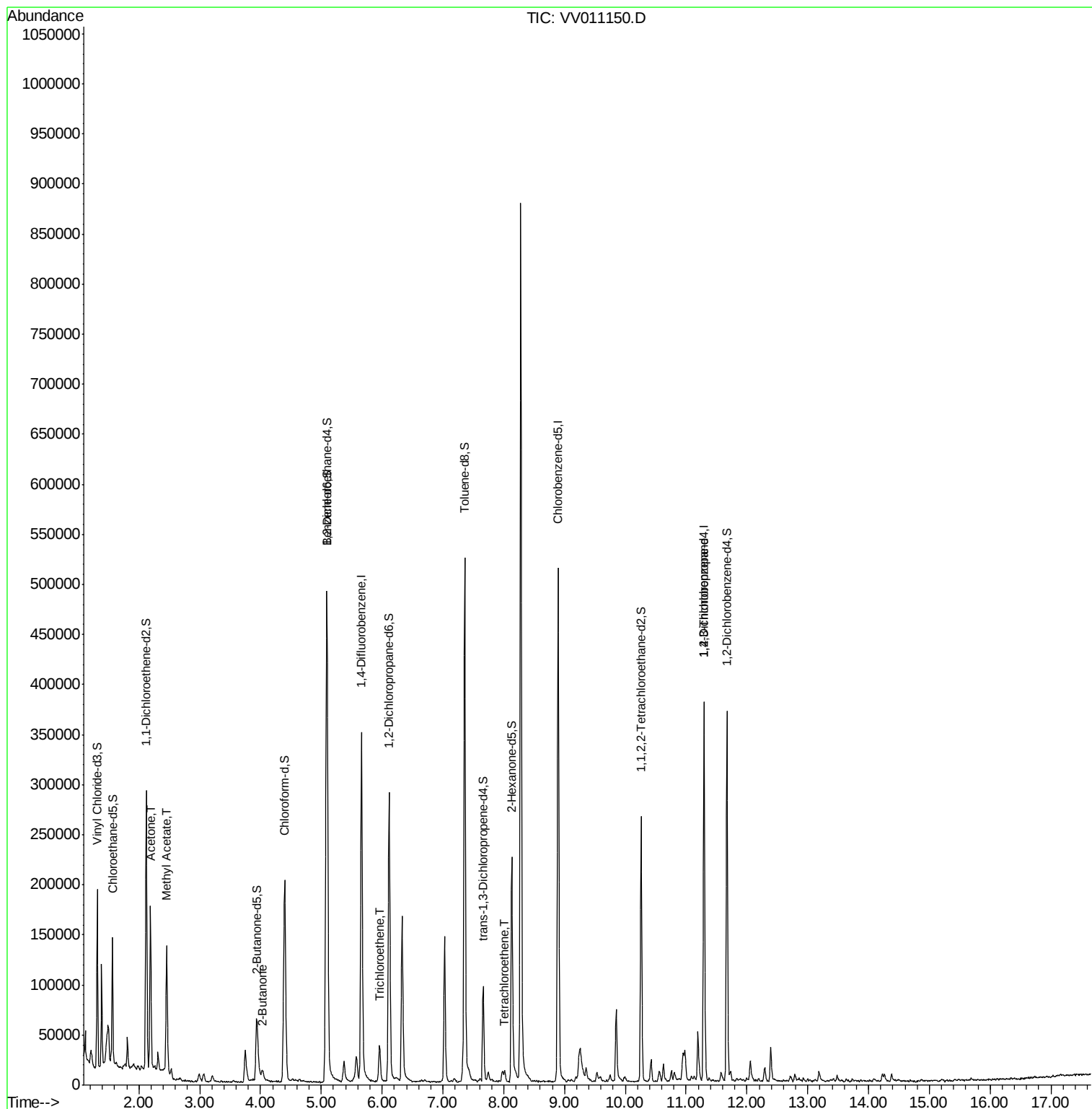
						Qvalue
13) Acetone	2.19	43	153674	91.873	ug/L	99
15) Methyl Acetate	2.46	43	129830	51.583	ug/L	99
21) 2-Butanone	4.04	43	14990	7.639	ug/L	89
35) Trichloroethene	5.96	95	11087	2.685	ug/L	96
47) Tetrachloroethene	8.02	164	2088	0.682	ug/L	87
59) 1,2,3-Trichloropropane	11.30	75	13426	4.047	ug/L	92

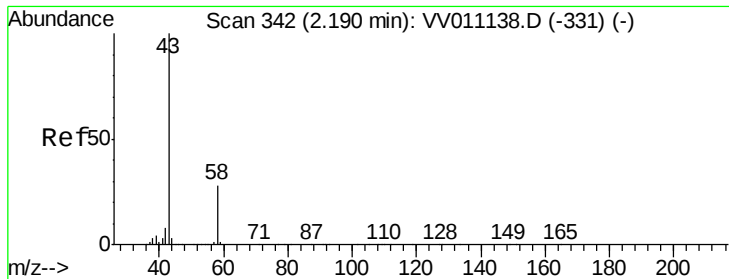
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 91.873 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

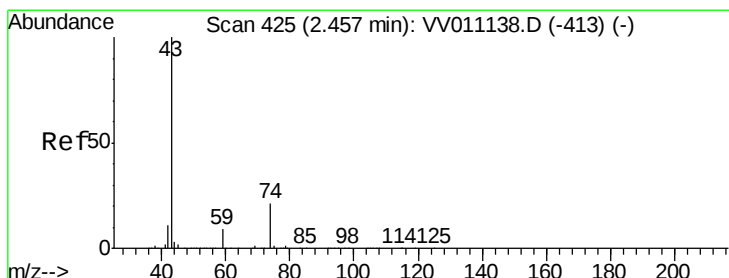
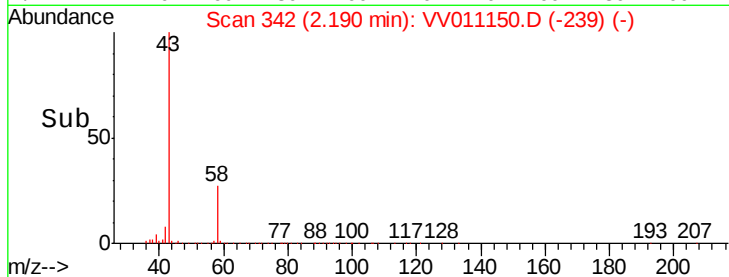
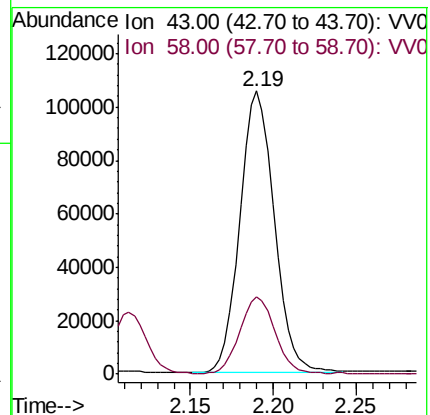
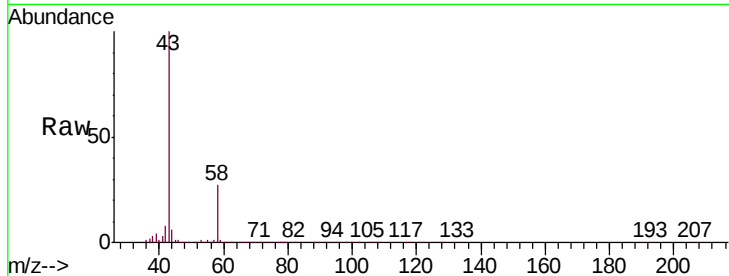
A51F4

Tgt Ion: 43 Resp: 153674

Ion Ratio Lower Upper

43 100

58 27.6 0.0 53.8



#15

Methyl Acetate

Concen: 51.583 ug/L

RT: 2.46 min Scan# 425

Delta R.T. 0.00 min

Lab File: VV011150.D

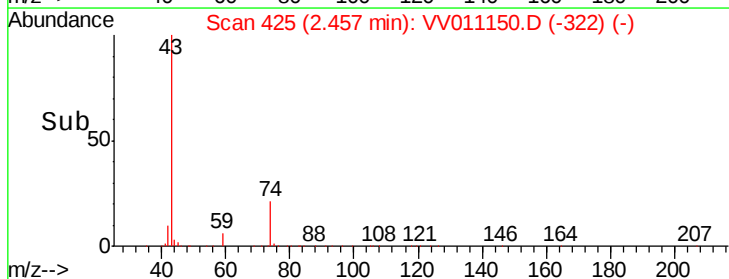
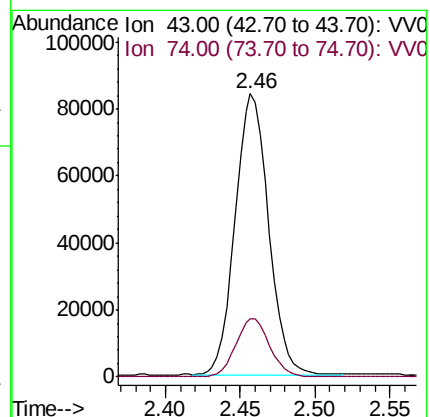
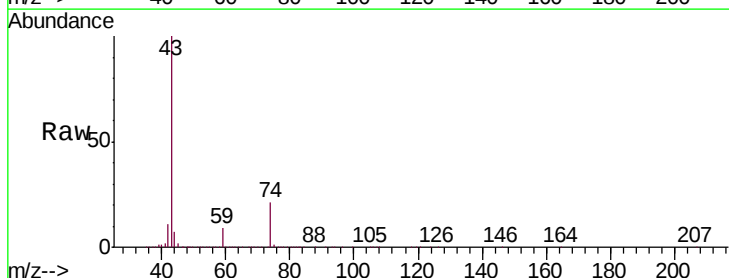
Acq: 30 May 2019 21:56

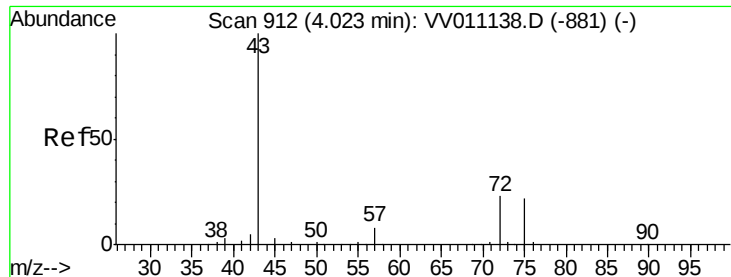
Tgt Ion: 43 Resp: 129830

Ion Ratio Lower Upper

43 100

74 20.6 16.2 24.4





#21

2-Butanone

Concen: 7.639 ug/L

RT: 4.04 min Scan# 916

Delta R.T. 0.01 min

Lab File: VV011150.D

Acq: 30 May 2019 21:56

Instrument :

MSVOA_V

ClientSampleId :

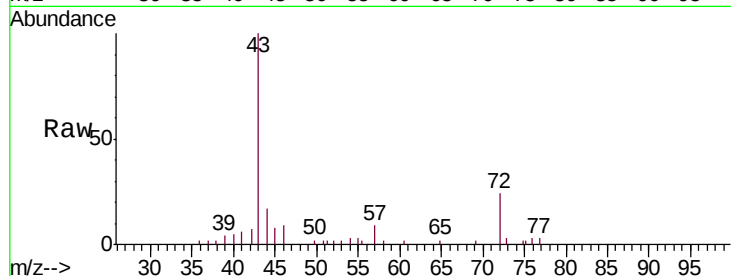
A51F4

Tgt Ion: 43 Resp: 14990

Ion Ratio Lower Upper

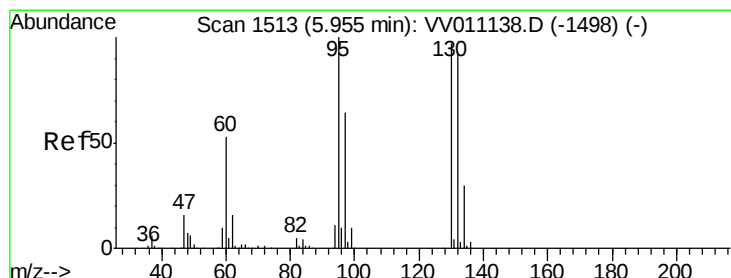
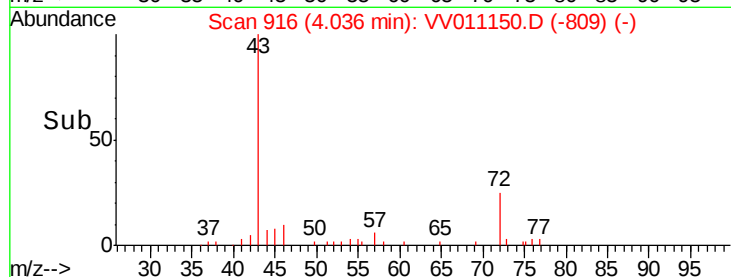
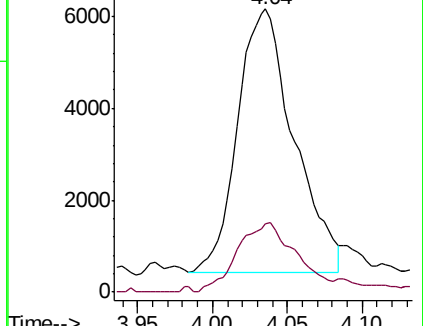
43 100

72 27.6 11.1 33.3



Abundance Ion 43.00 (42.70 to 43.70): VV011138.D (-881) (-)

Ion 72.00 (71.70 to 72.70): VV011138.D (-881) (-)



#35

Trichloroethene

Concen: 2.685 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011150.D

Acq: 30 May 2019 21:56

Tgt Ion: 95 Resp: 11087

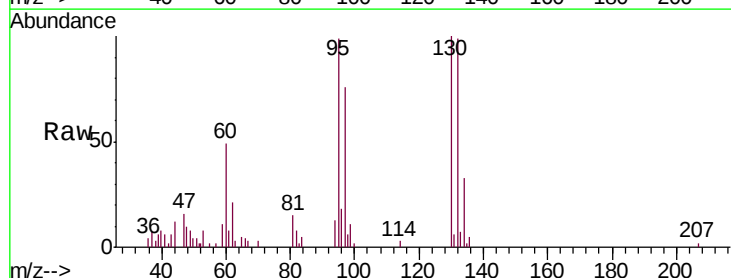
Ion Ratio Lower Upper

95 100

97 72.0 44.4 82.5

132 91.8 66.0 122.6

130 96.9 67.4 125.2

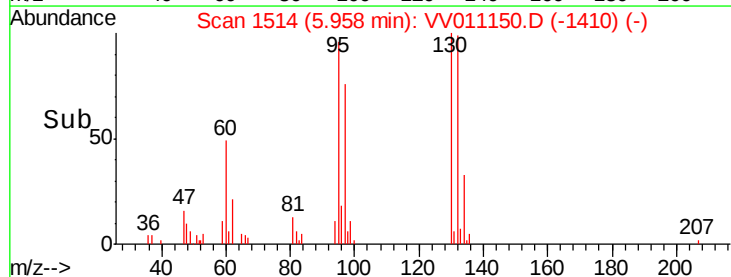
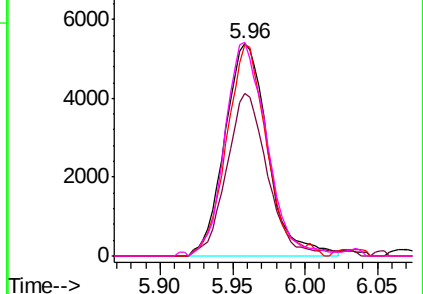


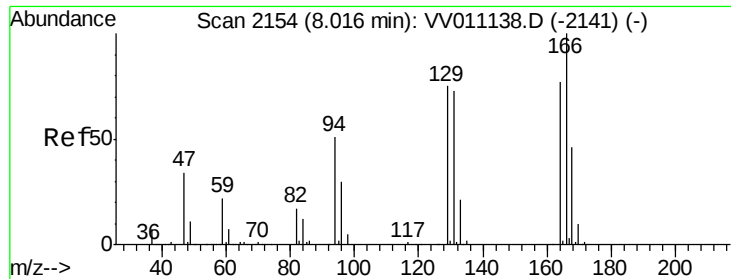
Abundance Ion 95.00 (94.70 to 95.70): VV011138.D (-1498) (-)

Ion 97.00 (96.70 to 97.70): VV011138.D (-1498) (-)

Ion 132.00 (131.70 to 132.70): VV011138.D (-1498) (-)

Ion 130.00 (129.70 to 130.70): VV011138.D (-1498) (-)

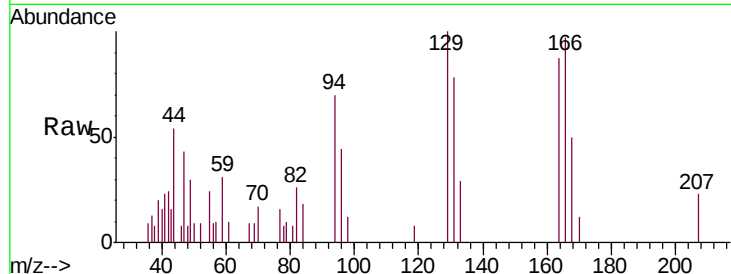




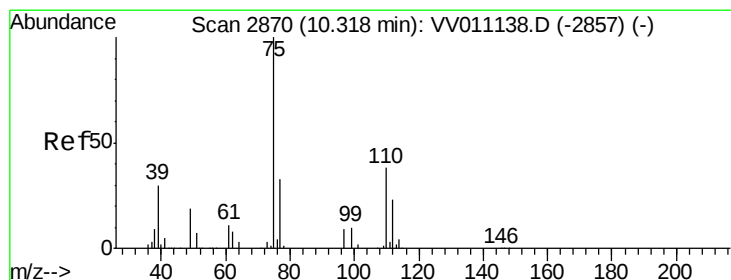
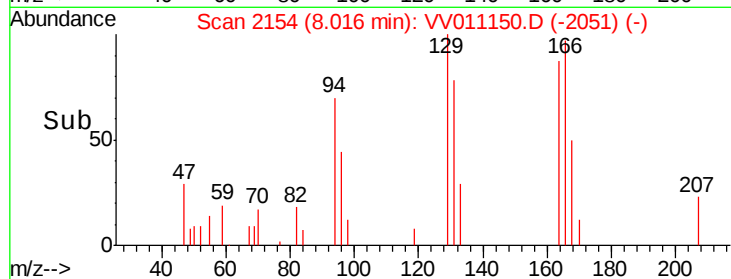
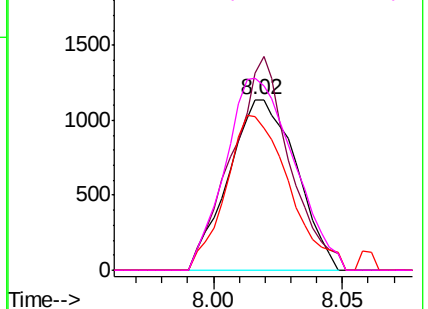
#47
Tetrachloroethene
Concen: 0.682 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV011150.D
Acq: 30 May 2019 21:56

Instrument :
MSVOA_V
ClientSampleId :
A51F4

Tgt Ion:164 Resp: 2088
Ion Ratio Lower Upper
164 100
129 115.5 69.1 128.3
131 90.1 65.5 121.6
166 112.3 93.2 173.0

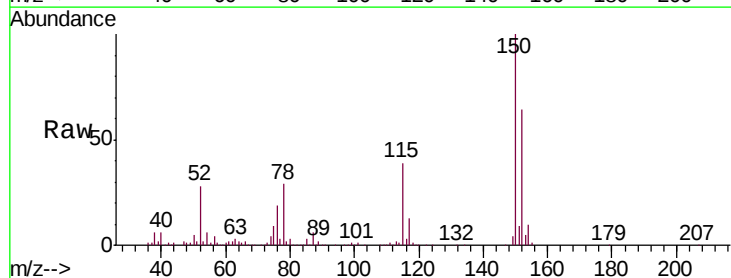


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#59
1,2,3-Trichloropropane
Concen: 4.047 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV011150.D
Acq: 30 May 2019 21:56

Tgt Ion: 75 Resp: 13426
Ion Ratio Lower Upper
75 100
77 36.3 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

