

Data File : VV011153.D
Acq On : 30 May 2019 23:21
Operator : SY/MD
Sample : K3083-05
Misc : 4.15G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51F8

Quant Time: May 31 01:49:21 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	120917	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	101204	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31671	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35310	21.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.32%
7) Chloroethane-d5	1.58	69	28937	23.01	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.04%
10) 1,1-Dichloroethene-d2	2.35	63	85	0.03	ug/L	0.23
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.12%#
20) 2-Butanone-d5	3.94	46	31294	52.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.66%
24) Chloroform-d	4.40	84	71442	24.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.68%
26) 1,2-Dichloroethane-d4	5.08	65	46462	24.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.48%
29) Benzene-d6	5.10	84	141128	25.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.72%
33) 1,2-Dichloropropane-d6	6.12	67	47206	26.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.24%
37) Toluene-d8	7.36	98	125425	24.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.76%
38) trans-1,3-Dichloropropene-	7.66	79	17823	22.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.44%
39) 2-Hexanone-d5	8.13	63	21389	53.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40444	25.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	28073	23.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.76%

Target Compounds

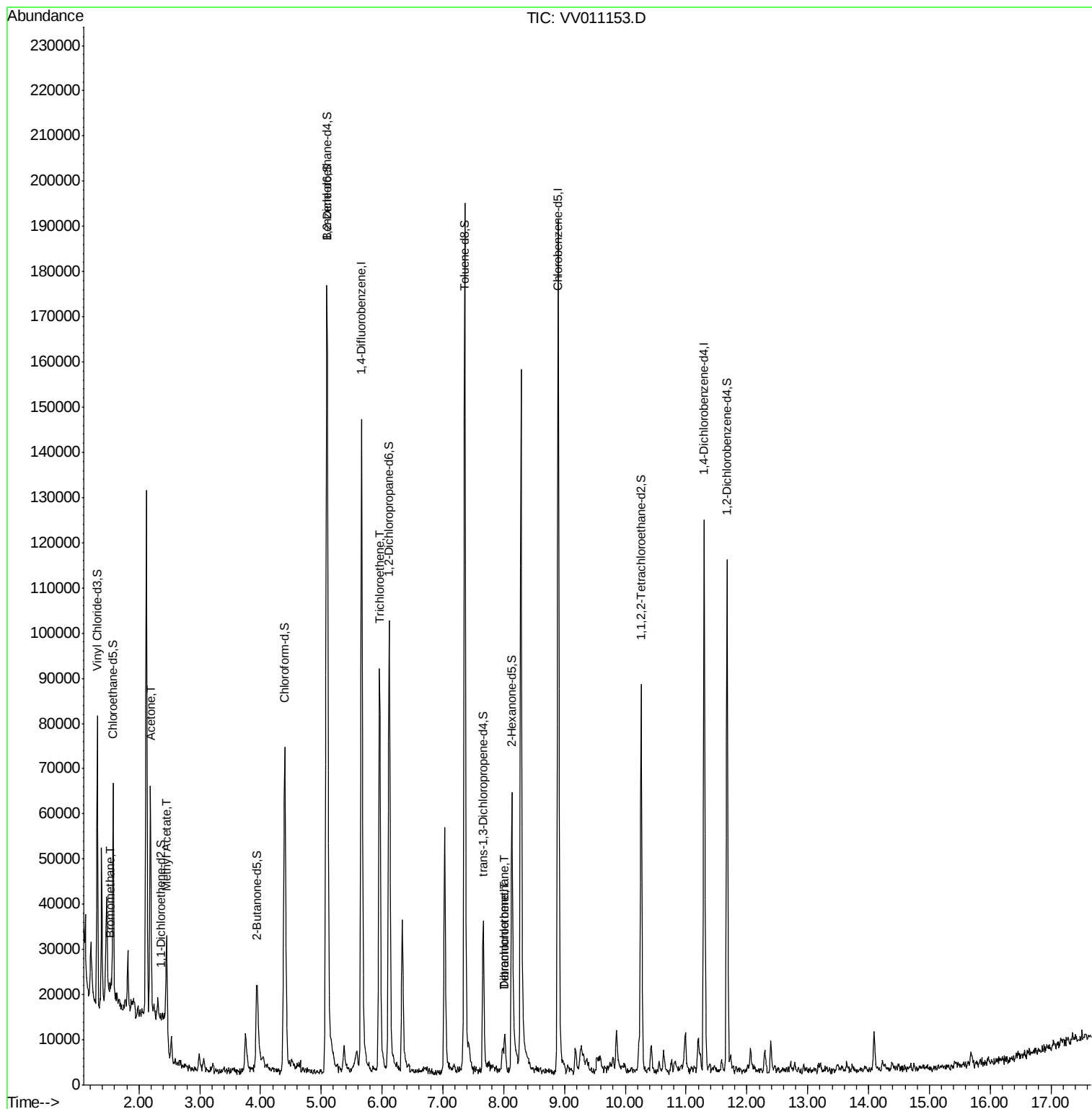
					Qvalue
6) Bromomethane	1.52	94	1069	1.042 ug/L	90
13) Acetone	2.19	43	47917	68.883 ug/L	99
15) Methyl Acetate	2.46	43	22685	21.672 ug/L	97
35) Trichloroethene	5.96	95	29742	18.906 ug/L	96
47) Tetrachloroethene	8.02	164	1483	1.272 ug/L	85
50) Dibromochloromethane	8.02	129	1734	1.247 ug/L #	11

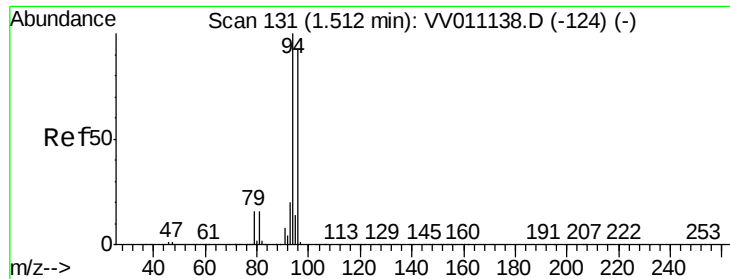
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 1.042 ug/L

RT: 1.52 min Scan# 135

Delta R.T. 0.01 min

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Acq: 30 May 2019 23:21

Instrument :

MSVOA_V

ClientSampleId :

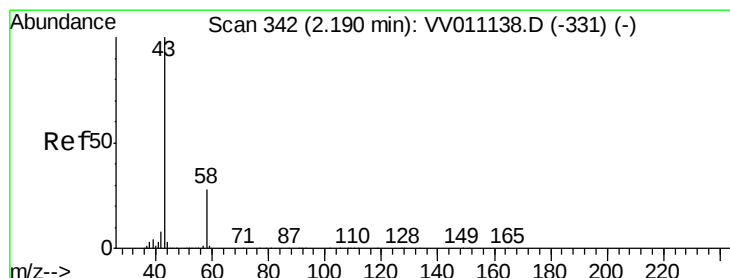
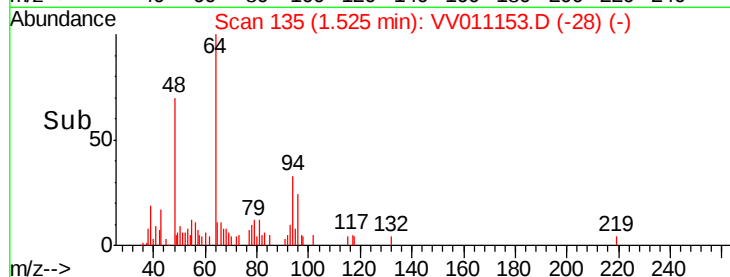
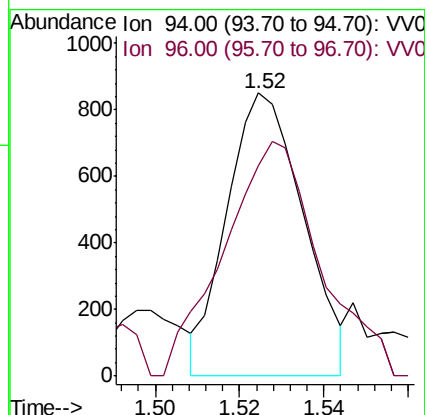
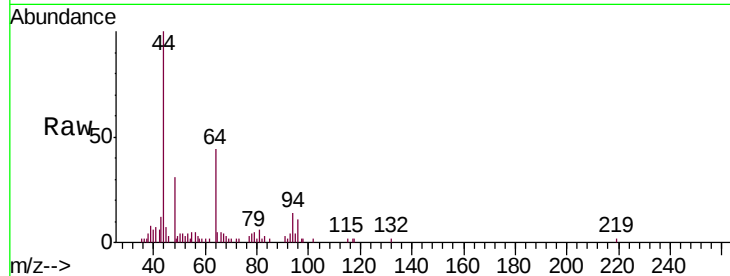
A51F8

Tgt Ion: 94 Resp: 1069

Ion Ratio Lower Upper

94 100

96 104.4 9.4 179.5



#13

Acetone

Concen: 68.883 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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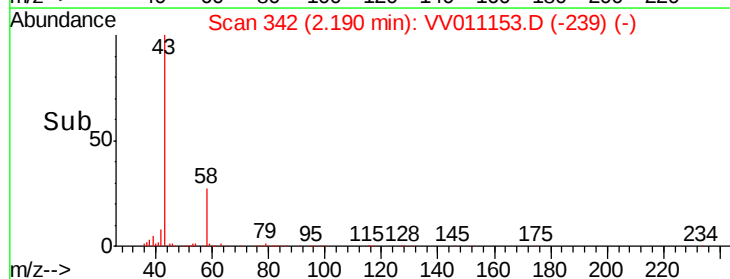
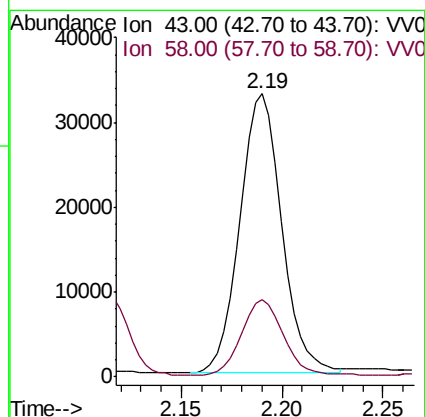
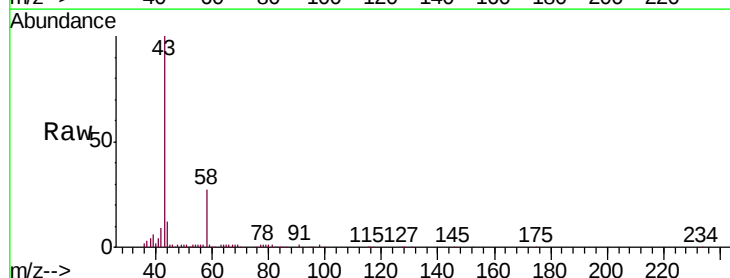
Acq: 30 May 2019 23:21

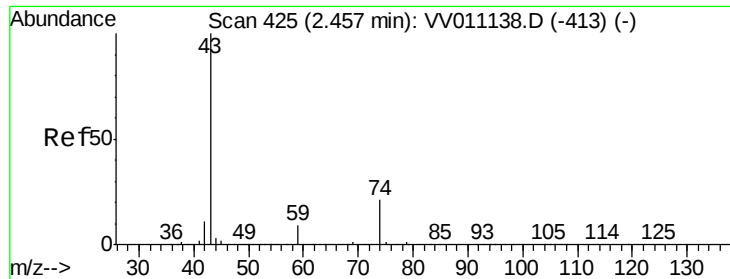
Tgt Ion: 43 Resp: 47917

Ion Ratio Lower Upper

43 100

58 26.6 0.0 53.8





#15

Methyl Acetate

Concen: 21.672 ug/L

RT: 2.46 min Scan# 425

Delta R.T. 0.00 min

Lab File: VV011153.D

Acq: 30 May 2019 23:21

Instrument :

MSVOA_V

ClientSampleId :

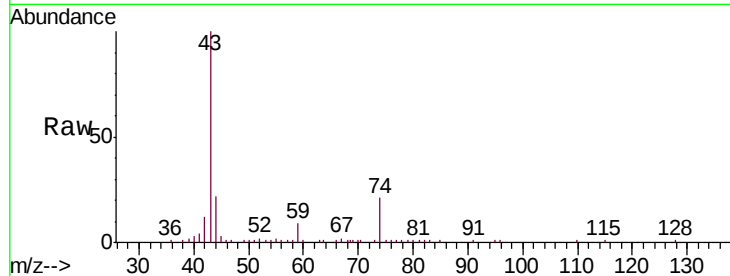
A51F8

Tgt Ion: 43 Resp: 22685

Ion Ratio Lower Upper

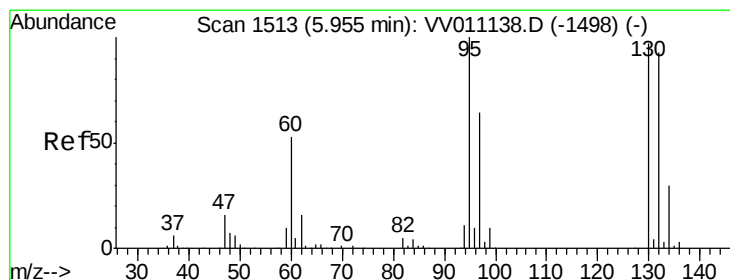
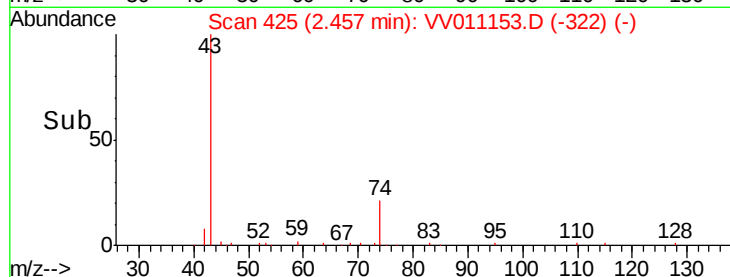
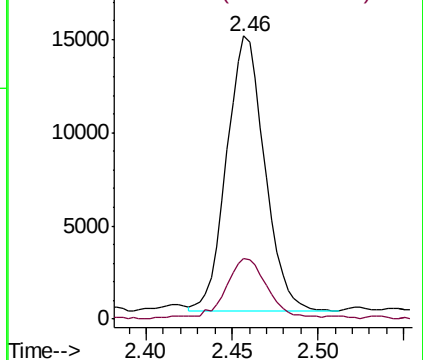
43 100

74 21.8 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VV011138.D (-413) (-)

Ion 74.00 (73.70 to 74.70): VV011138.D (-413) (-)



#35

Trichloroethene

Concen: 18.906 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011153.D

Acq: 30 May 2019 23:21

Tgt Ion: 95 Resp: 29742

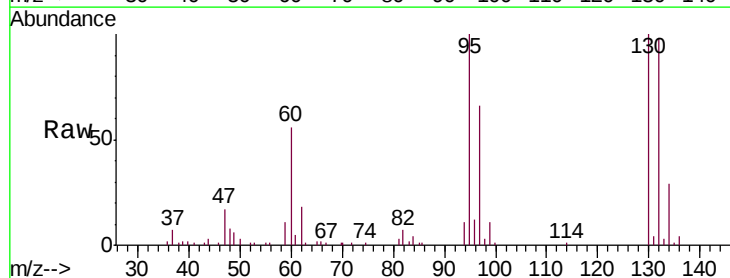
Ion Ratio Lower Upper

95 100

97 66.0 44.4 82.5

132 99.0 66.0 122.6

130 101.2 67.4 125.2

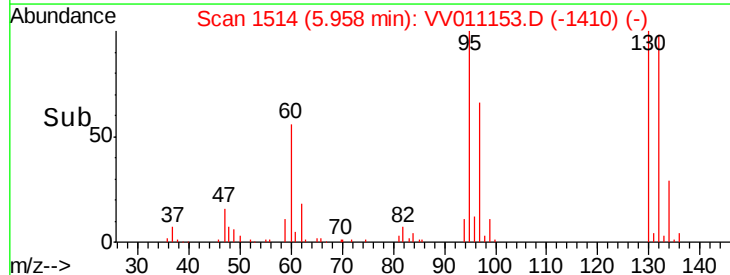
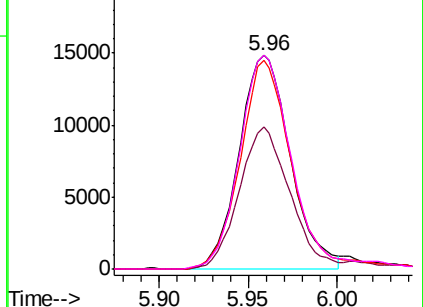


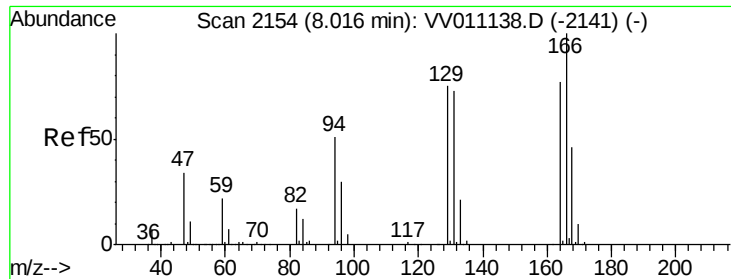
Abundance Ion 95.00 (94.70 to 95.70): VV011138.D (-1498) (-)

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) (-)

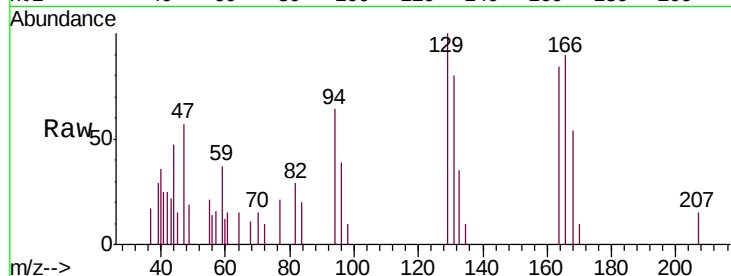




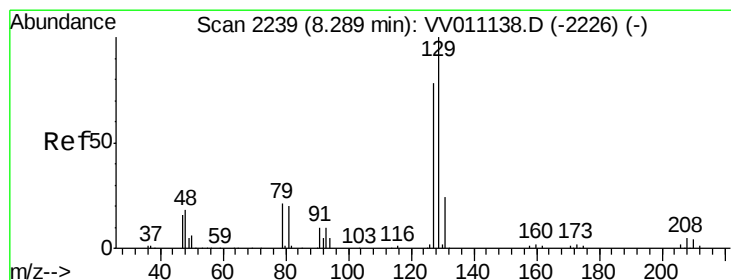
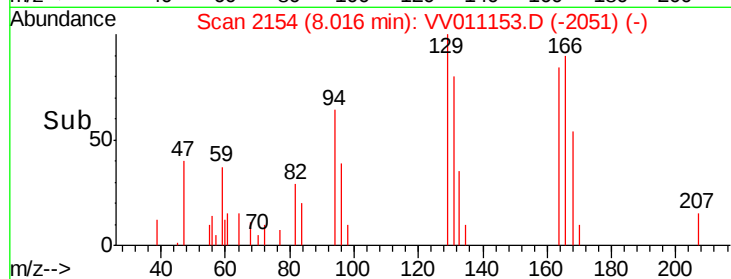
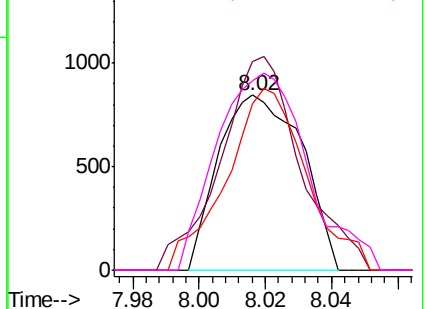
#47
Tetrachloroethene
Concen: 1.272 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV011153.D
Acq: 30 May 2019 23:21

Instrument :
MSVOA_V
ClientSampleId :
A51F8

Tgt Ion:164 Resp: 1483
Ion Ratio Lower Upper
164 100
129 119.4 69.1 128.3
131 95.1 65.5 121.6
166 108.0 93.2 173.0

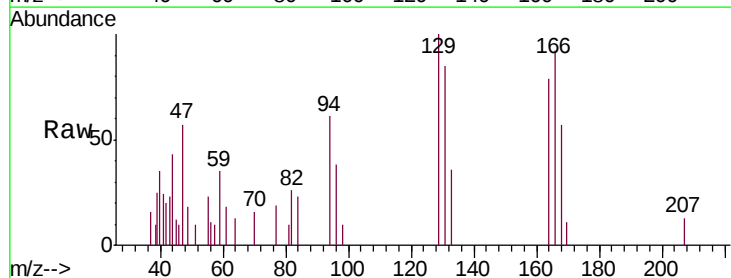


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#50
Dibromochloromethane
Concen: 1.247 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV011153.D
Acq: 30 May 2019 23:21

Tgt Ion:129 Resp: 1734
Ion Ratio Lower Upper
129 100
127 0.0 53.8 99.8#



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

