

Data File : VV010915.D
Acq On : 16 May 2019 01:02
Operator : SY/MD
Sample : K2788-17
Misc : 6.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51A8

Quant Time: May 16 08:14:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 08:09:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	7399	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	6126	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	1112	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	2395	25.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.64%
7) Chloroethane-d5	1.58	69	2271	36.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	147.88%
10) 1,1-Dichloroethene-d2	2.13	63	3602	20.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.76%
20) 2-Butanone-d5	3.97	46	169	5.70	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	11.40%#
24) Chloroform-d	4.41	84	5080	23.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.12%
26) 1,2-Dichloroethane-d4	5.08	65	3158	26.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.00%
29) Benzene-d6	5.10	84	9778	28.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.36%
33) 1,2-Dichloropropane-d6	6.12	67	3230	29.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.44%
37) Toluene-d8	7.36	98	7001	21.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.96%
38) trans-1,3-Dichloropropene-	7.68	79	692	14.66	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.64%
39) 2-Hexanone-d5	8.14	63	437	21.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.64%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	2794	27.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	707	15.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	60.88%#

Target Compounds

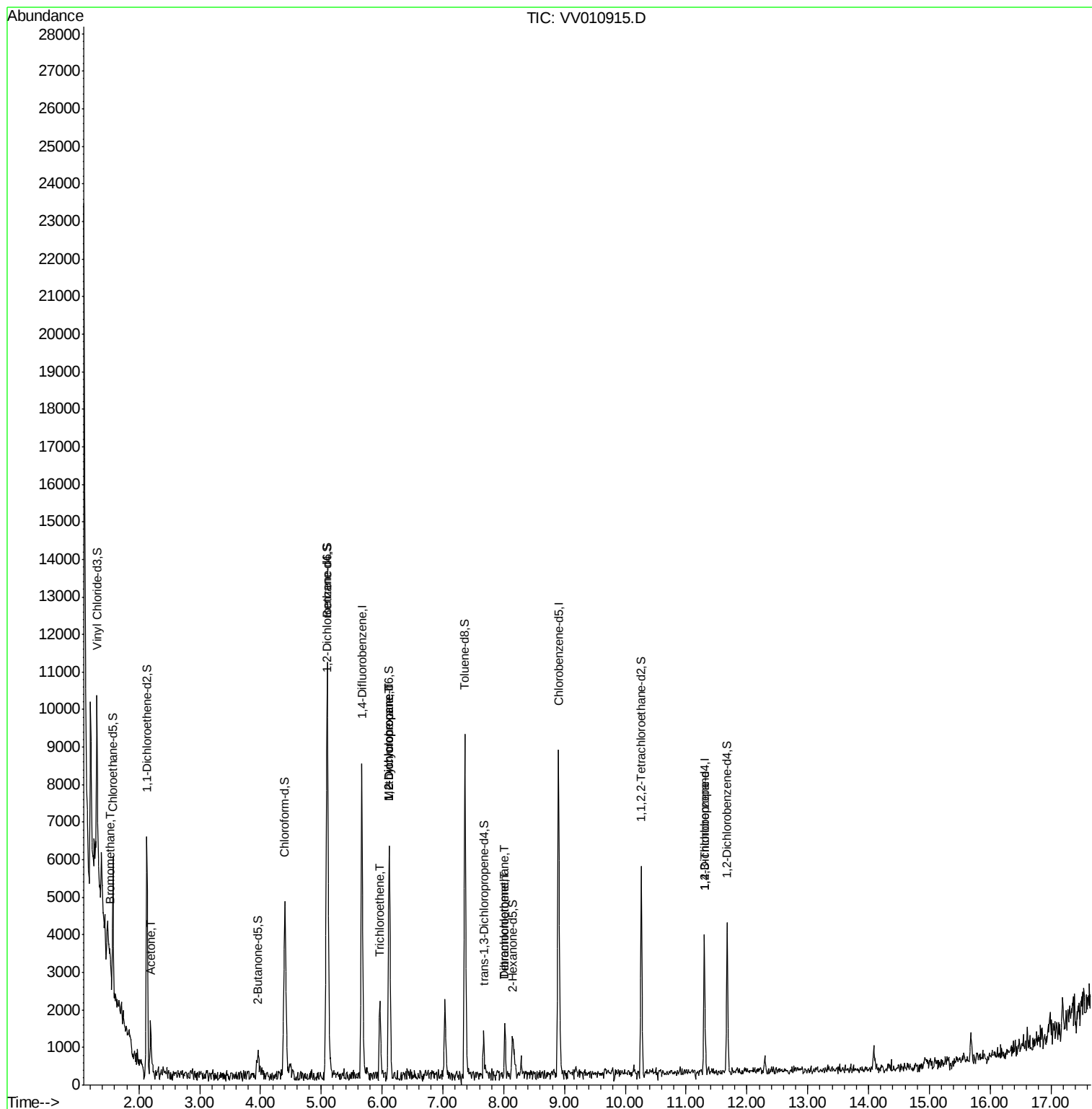
					Qvalue	
6) Bromomethane	1.53	94	69	2.809	ug/L #	9
13) Acetone	2.19	43	1561	51.675	ug/L	92
35) Trichloroethene	5.97	95	789	8.526	ug/L	95
36) Methylcyclohexane	6.12	83	704	5.467	ug/L #	18
40) 1,2-Dichloropropane	6.12	63	302	3.105	ug/L #	88
47) Tetrachloroethene	8.02	164	164	2.398	ug/L	86
50) Dibromochloromethane	8.02	129	361	4.144	ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	52	0.694	ug/L #	42

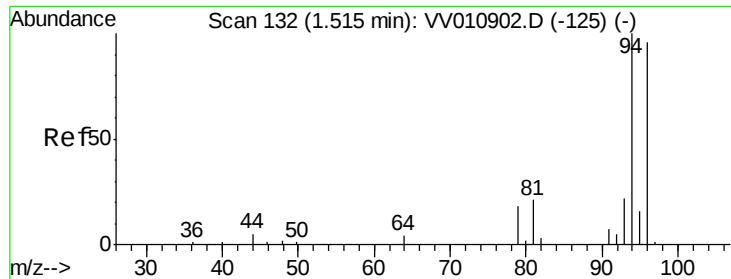
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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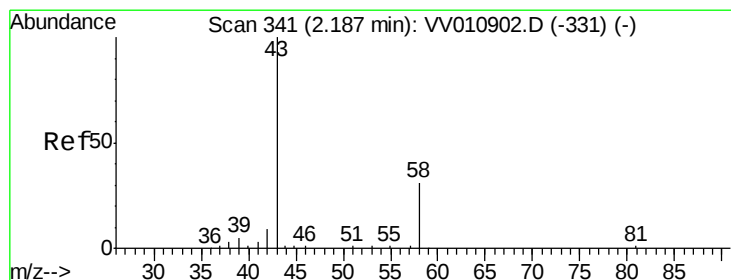
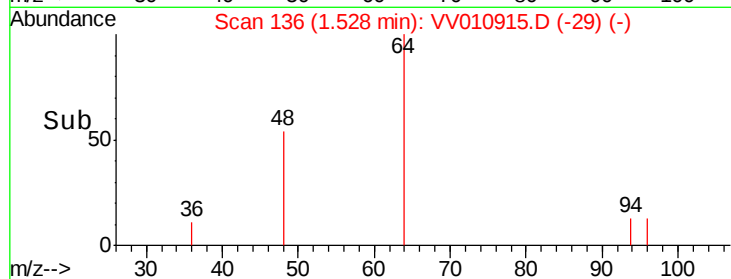
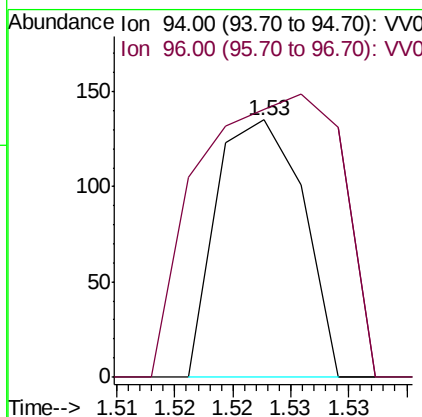
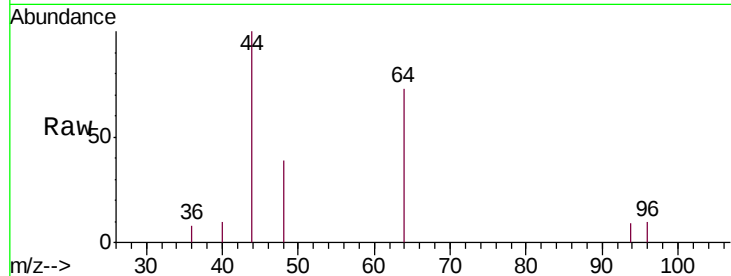




#6
Bromomethane
Concen: 2.809 ug/L
RT: 1.53 min Scan# 136
Delta R.T. 0.01 min
Lab File: VV010915.D
Acq: 16 May 2019 01:02

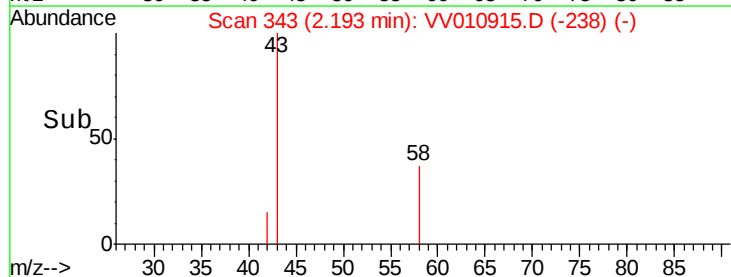
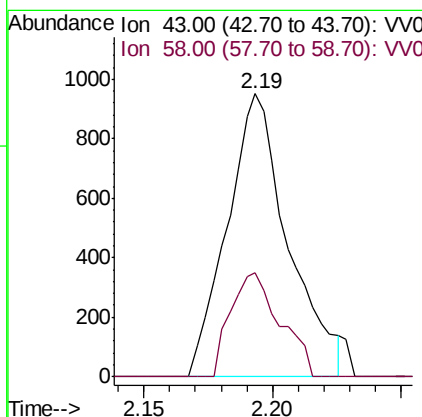
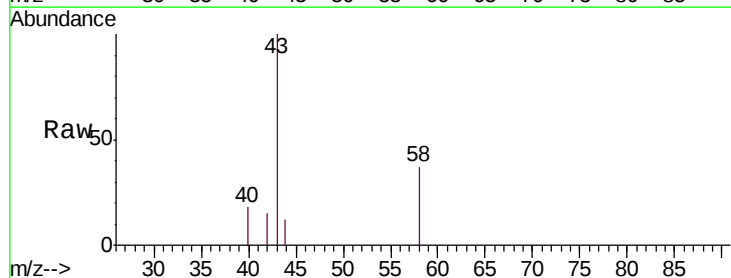
Instrument :
MSVOA_V
ClientSampled :
A51A8

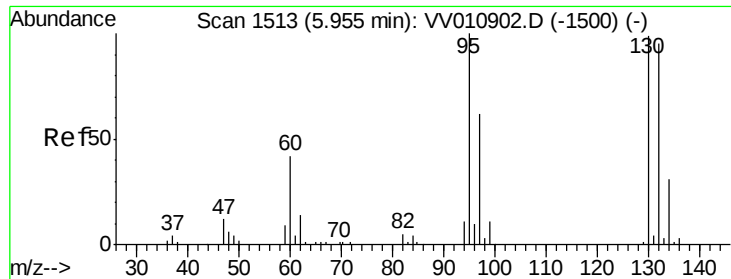
Tgt Ion: 94 Resp: 69
Ion Ratio Lower Upper
94 100
96 184.1 9.6 181.6#



#13
Acetone
Concen: 51.675 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.01 min
Lab File: VV010915.D
Acq: 16 May 2019 01:02

Tgt Ion: 43 Resp: 1561
Ion Ratio Lower Upper
43 100
58 29.9 0.0 69.2





#35

Trichloroethene

Concen: 8.526 ug/L

RT: 5.97 min Scan# 1518

Delta R.T. 0.02 min

Lab File: VV010915.D

Acq: 16 May 2019 01:02

Instrument :

MSVOA_V

ClientSampleId :

A51A8

Tgt Ion: 95 Resp: 789

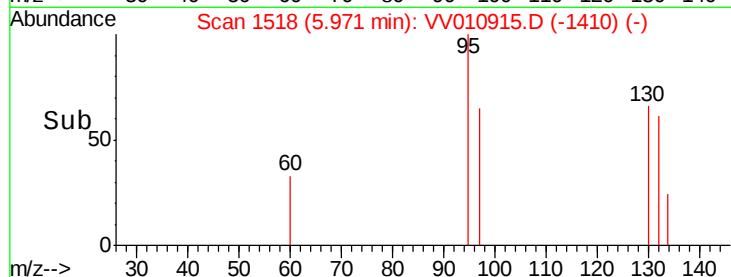
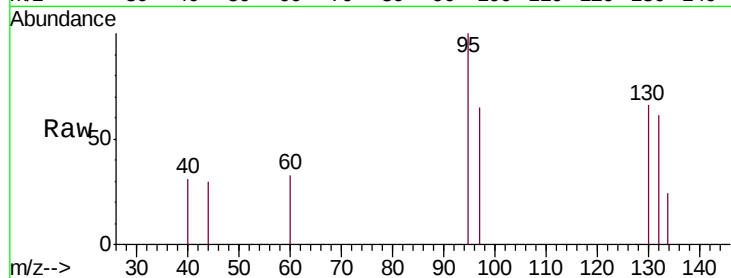
Ion Ratio Lower Upper

95 100

97 56.5 46.0 85.4

132 95.3 67.4 125.2

130 94.2 68.5 127.1

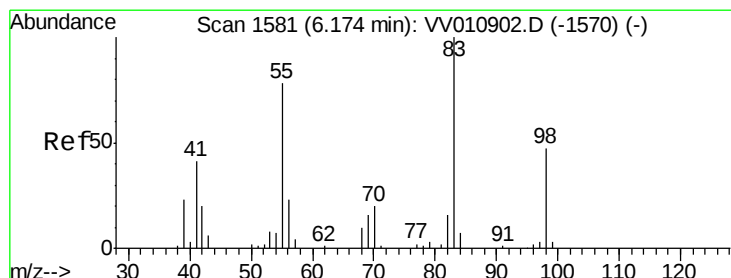
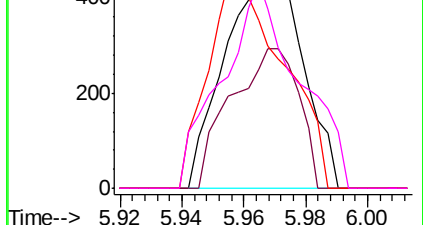


Abundance Ion 95.00 (94.70 to 95.70): VV010915.D (-1410) (-)

Ion 97.00 (96.70 to 97.70): VV010915.D (-1410) (-)

Ion 132.00 (131.70 to 132.70): VV010915.D (-1410) (-)

Ion 130.00 (129.70 to 130.70): VV010915.D (-1410) (-)



#36

Methylcyclohexane

Concen: 5.467 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV010915.D

Acq: 16 May 2019 01:02

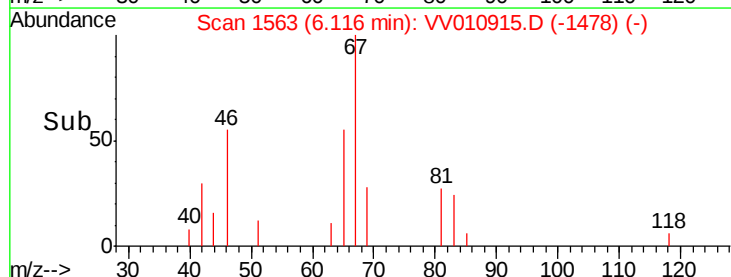
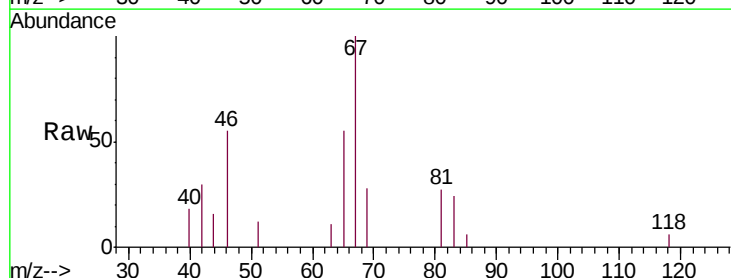
Tgt Ion: 83 Resp: 704

Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.4#

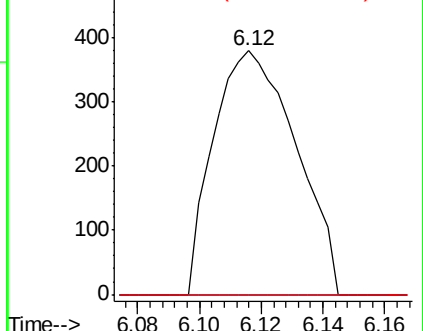
98 0.0 37.2 55.8#

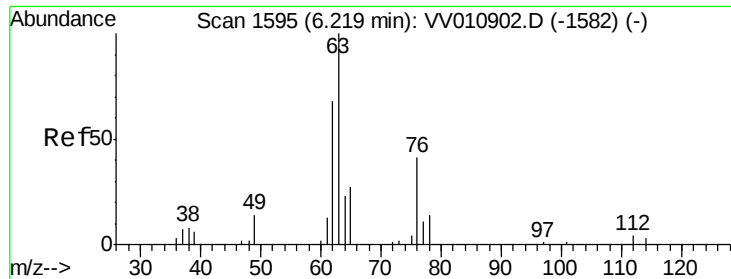


Abundance Ion 83.00 (82.70 to 83.70): VV010915.D (-1478) (-)

Ion 55.00 (54.70 to 55.70): VV010915.D (-1478) (-)

Ion 98.00 (97.70 to 98.70): VV010915.D (-1478) (-)

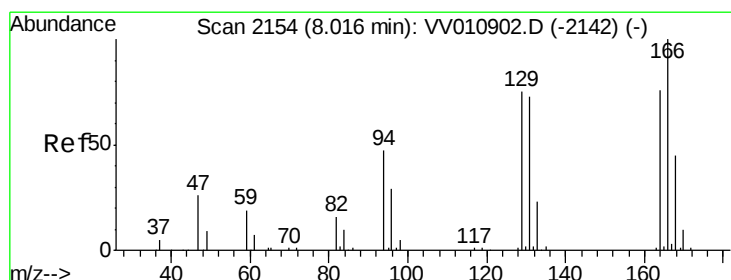
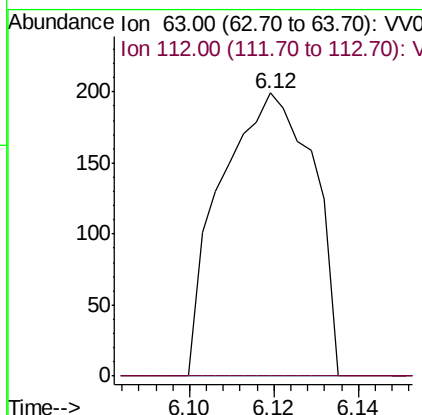
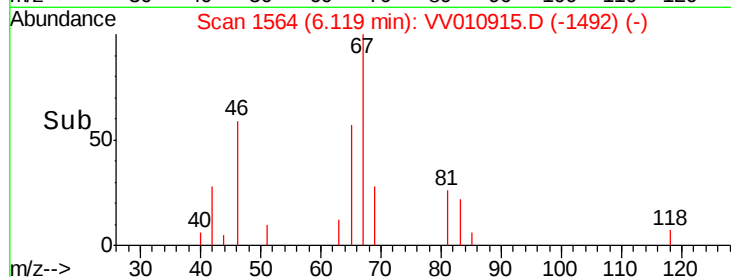
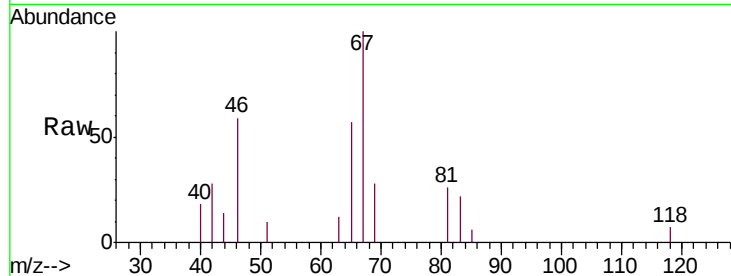




#40
 1,2-Dichloropropane
 Concen: 3.105 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV010915.D
 Acq: 16 May 2019 01:02

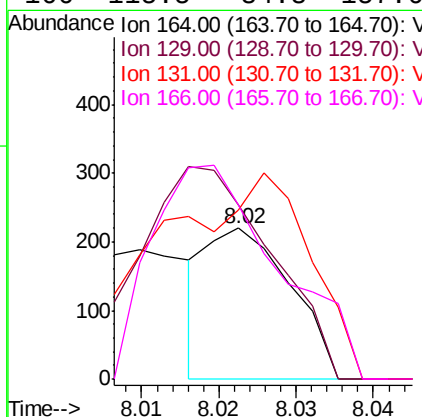
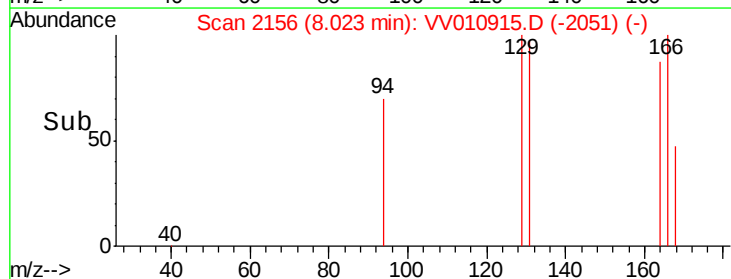
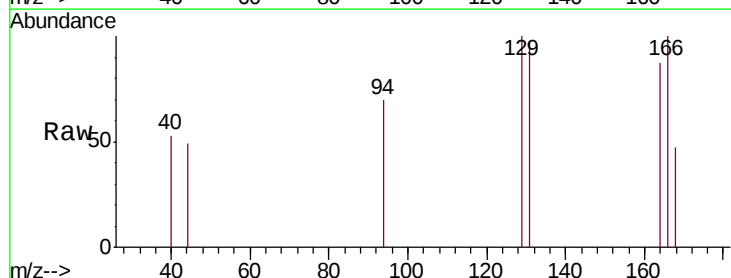
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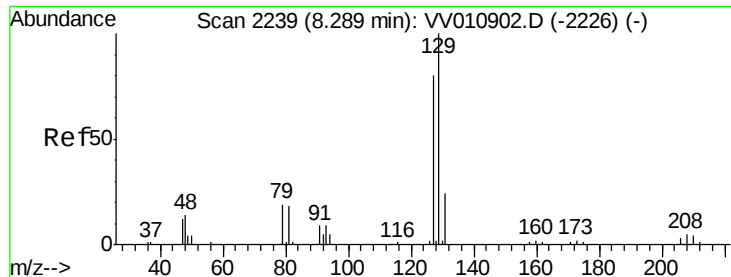
Tgt Ion: 63 Resp: 302
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#47
 Tetrachloroethene
 Concen: 2.398 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.01 min
 Lab File: VV010915.D
 Acq: 16 May 2019 01:02

Tgt Ion: 164 Resp: 164
 Ion Ratio Lower Upper
 164 100
 129 115.5 67.6 125.6
 131 112.3 65.1 120.9
 166 115.5 84.8 157.6





#50

Dibromochloromethane

Concen: 4.144 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV010915.D

Acq: 16 May 2019 01:02

Instrument :

MSVOA_V

ClientSampleId :

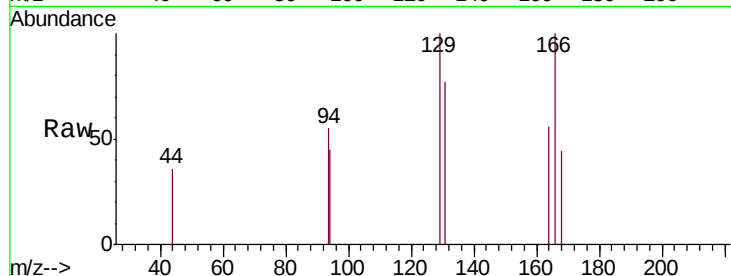
A51A8

Tgt Ion:129 Resp: 361

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.02

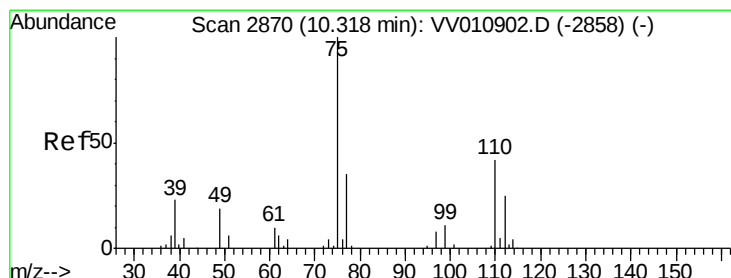
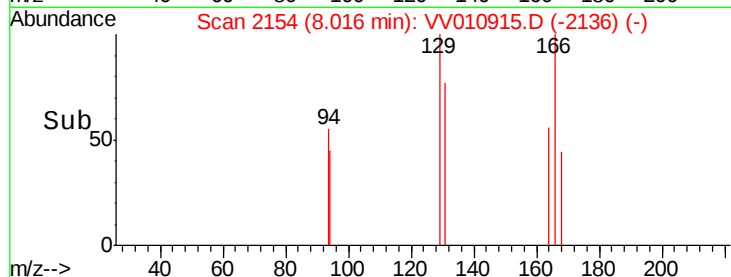
300

200

100

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.694 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV010915.D

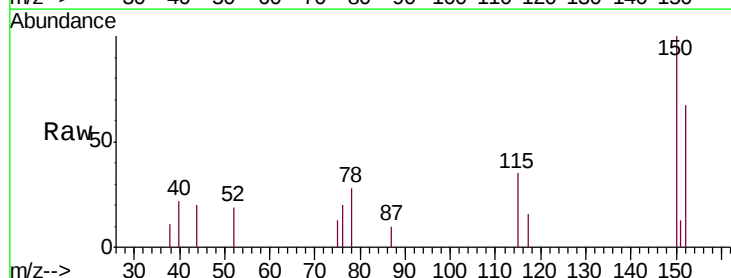
Acq: 16 May 2019 01:02

Tgt Ion: 75 Resp: 52

Ion Ratio Lower Upper

75 100

77 0.0 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

11.30

150

100

50

0

Time-->

