

Data File : VV010830.D
Acq On : 10 May 2019 23:56
Operator : SY/MD
Sample : K2692-16
Misc : 5.47G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5179

Quant Time: May 11 00:26:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:23:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	86919	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	83268	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	24854	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	24677	18.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.08%
7) Chloroethane-d5	1.56	69	25913	23.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.28%
10) 1,1-Dichloroethene-d2	2.12	63	42368	14.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.88%
20) 2-Butanone-d5	3.93	46	29343	72.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.84%#
24) Chloroform-d	4.39	84	60683	25.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.44%
26) 1,2-Dichloroethane-d4	5.08	65	42773	28.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.60%
29) Benzene-d6	5.09	84	105620	24.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.40%
33) 1,2-Dichloropropane-d6	6.11	67	38474	27.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.20%
37) Toluene-d8	7.36	98	87125	20.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.04%
38) trans-1,3-Dichloropropene-	7.66	79	15090	23.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.80%
39) 2-Hexanone-d5	8.13	63	20635	70.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.22%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37814	28.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.24%
61) 1,2-Dichlorobenzene-d4	11.67	152	23098	24.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.00%

Target Compounds

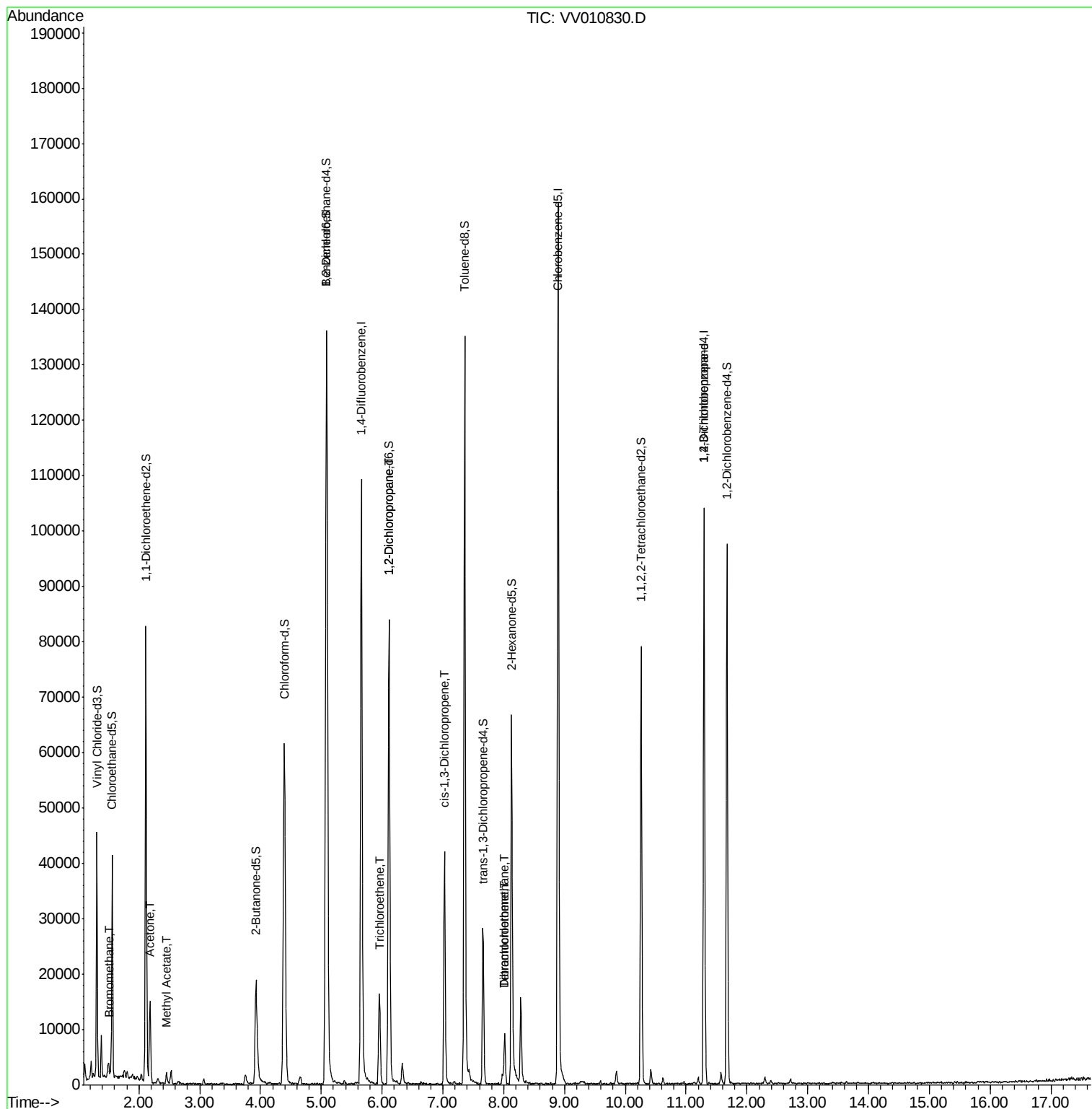
					Qvalue
6) Bromomethane	1.51	94	670	0.812 ug/L	89
13) Acetone	2.18	43	12839	20.467 ug/L	98
15) Methyl Acetate	2.45	43	2188	2.920 ug/L	98
35) Trichloroethene	5.96	95	5653	4.129 ug/L	97
40) 1,2-Dichloropropane	6.11	63	4534	3.487 ug/L #	87
42) cis-1,3-Dichloropropene	7.03	75	1100	0.535 ug/L #	57
47) Tetrachloroethene	8.01	164	1890	1.906 ug/L	93
50) Dibromochloromethane	8.02	129	2044	1.664 ug/L #	10
59) 1,2,3-Trichloropropane	11.29	75	3624	3.318 ug/L #	79

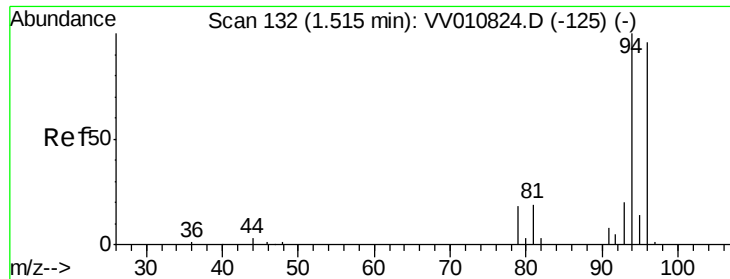
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.812 ug/L

RT: 1.51 min Scan# 130

Delta R.T. -0.01 min

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Acq: 10 May 2019 23:56

Instrument :

MSVOA_V

ClientSampleId :

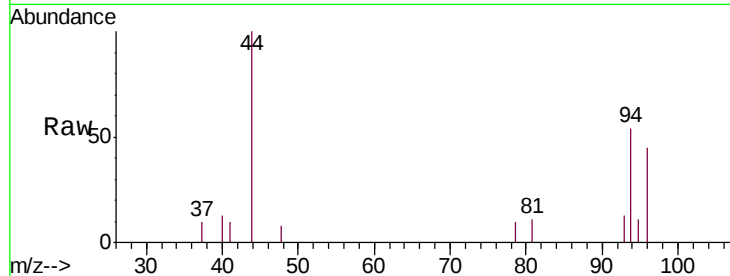
A5179

Tgt Ion: 94 Resp: 670

Ion Ratio Lower Upper

94 100

96 83.7 9.4 179.0



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

800

600

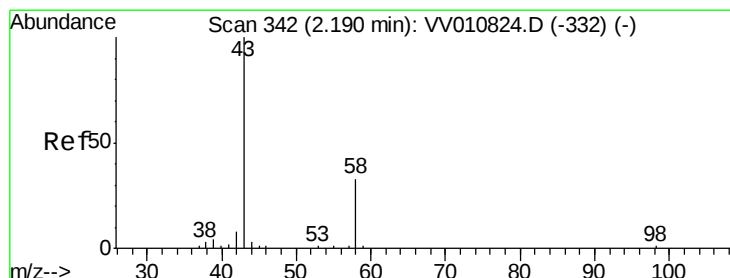
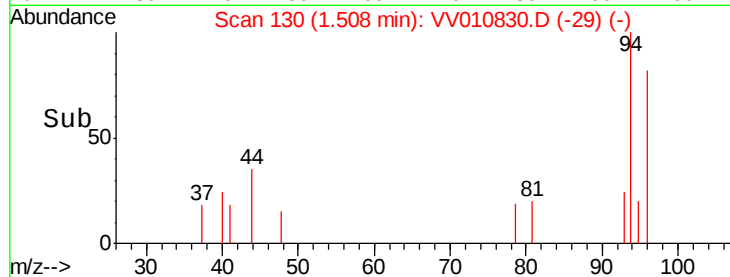
400

200

0

1.48 1.50 1.52

Time-->



#13

Acetone

Concen: 20.467 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV010830.D

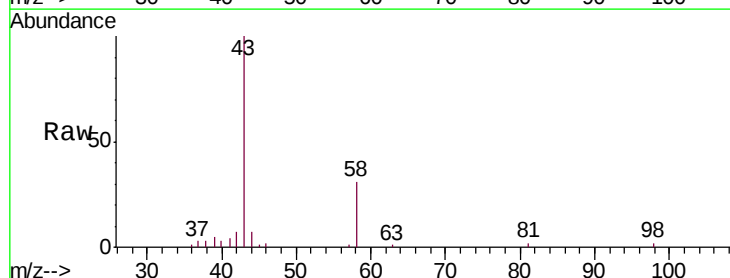
Acq: 10 May 2019 23:56

Tgt Ion: 43 Resp: 12839

Ion Ratio Lower Upper

43 100

58 32.8 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

10000

8000

6000

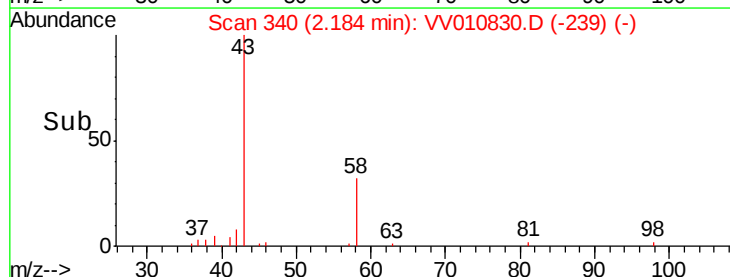
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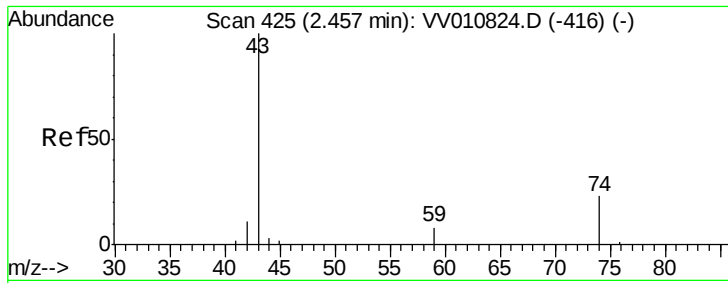
2000

0

2.15 2.18 2.20

Time-->

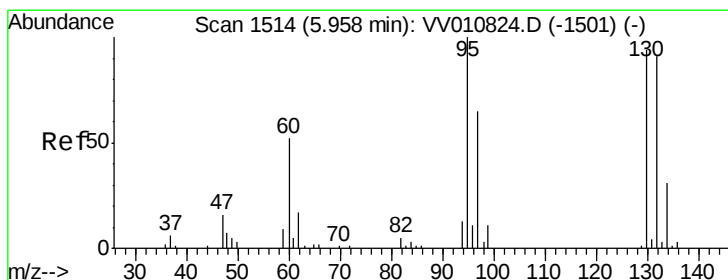
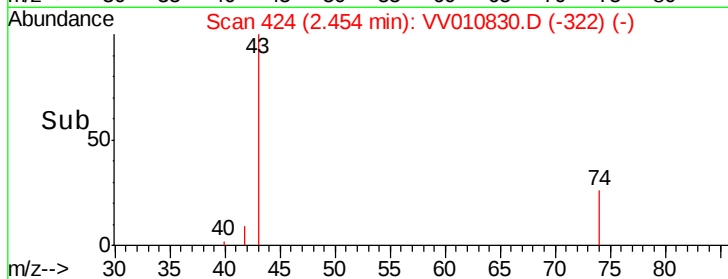
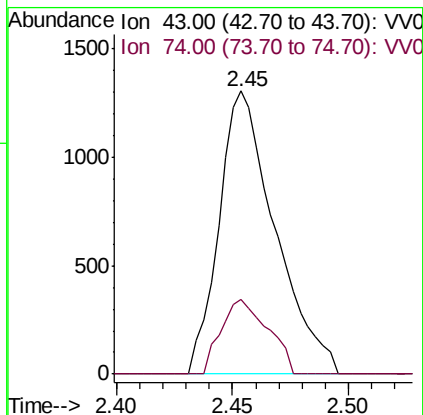
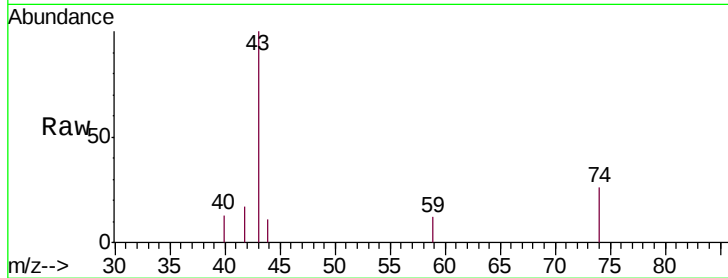




#15
Methyl Acetate
Concen: 2.920 ug/L
RT: 2.45 min Scan# 424
Delta R.T. -0.00 min
Lab File: VV010830.D
Acq: 10 May 2019 23:56

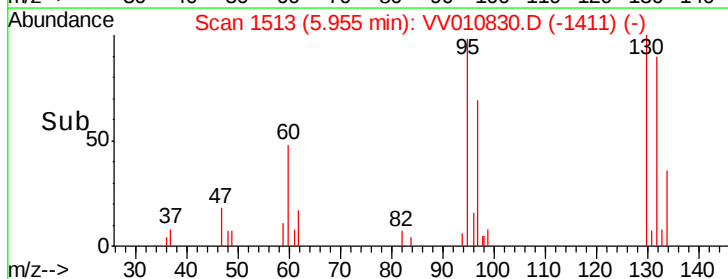
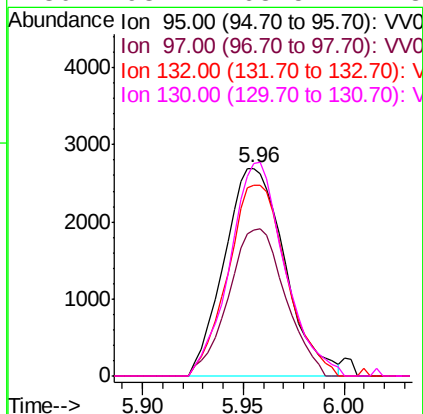
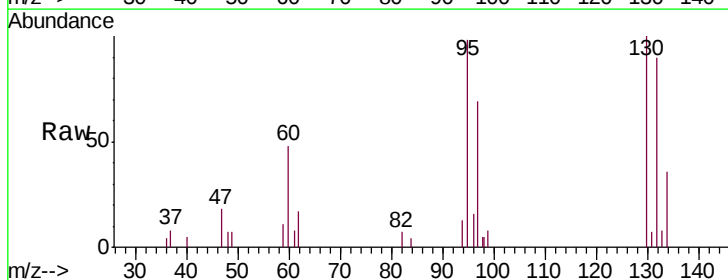
Instrument :
MSVOA_V
ClientSampled :
A5179

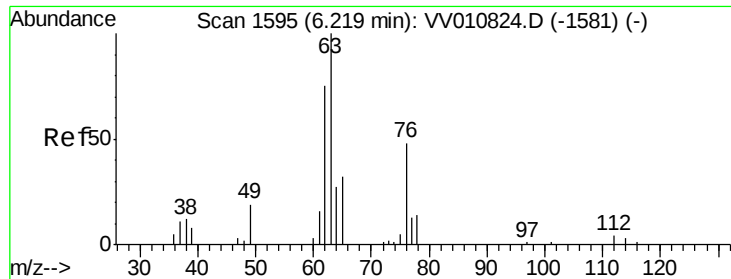
Tgt Ion: 43 Resp: 2188
Ion Ratio Lower Upper
43 100
74 22.0 17.0 25.4



#35
Trichloroethene
Concen: 4.129 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV010830.D
Acq: 10 May 2019 23:56

Tgt Ion: 95 Resp: 5653
Ion Ratio Lower Upper
95 100
97 66.3 44.3 82.3
132 88.7 62.4 115.8
130 93.2 68.5 127.3

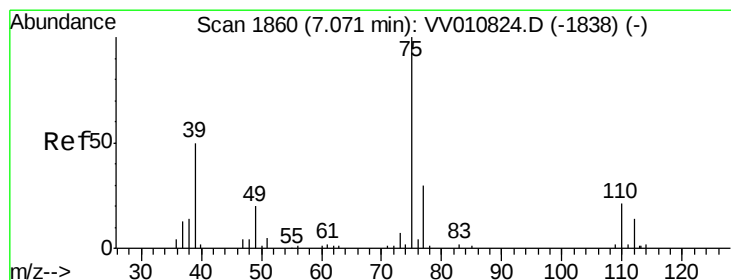
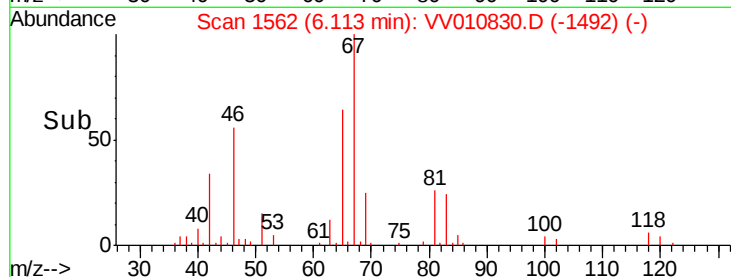
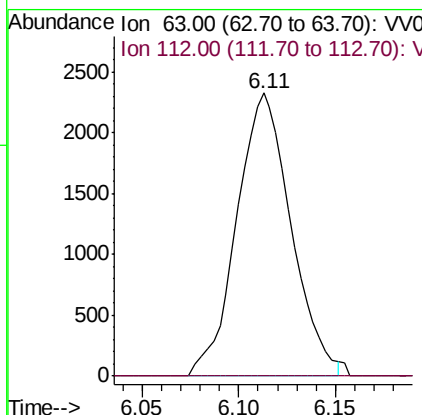
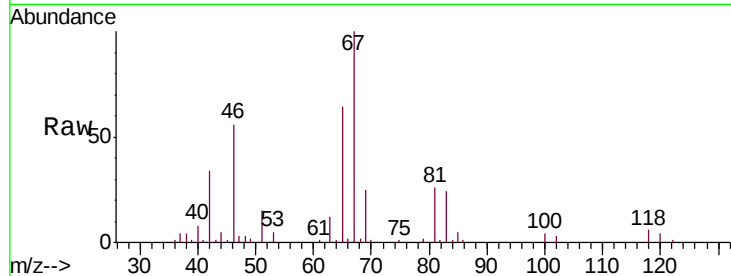




#40
 1,2-Dichloropropane
 Concen: 3.487 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV010830.D
 Acq: 10 May 2019 23:56

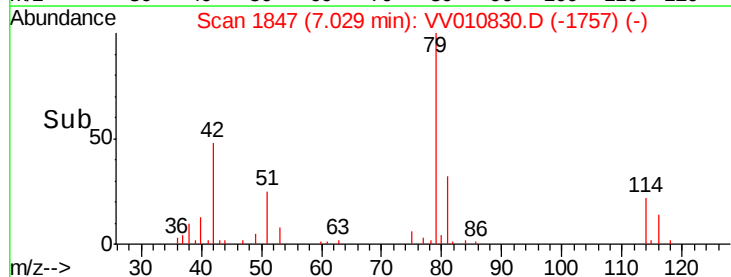
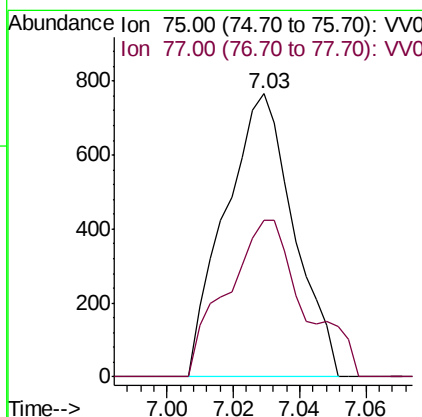
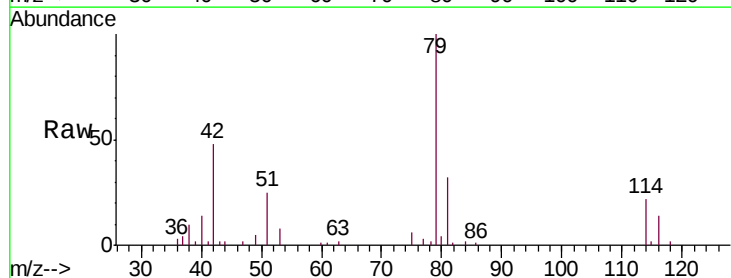
Instrument :
 MSVOA_V
 ClientSampleId :
 A5179

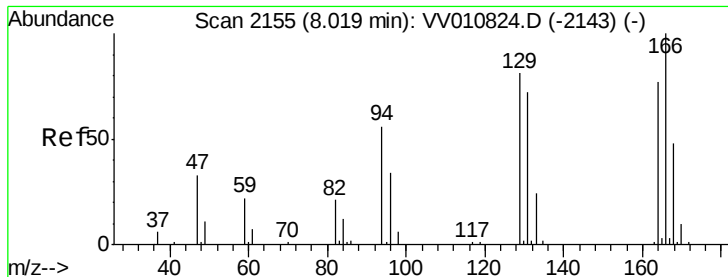
Tgt Ion: 63 Resp: 4534
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#42
 cis-1,3-Dichloropropene
 Concen: 0.535 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010830.D
 Acq: 10 May 2019 23:56

Tgt Ion: 75 Resp: 1100
 Ion Ratio Lower Upper
 75 100
 77 55.5 22.3 41.3#





#47

Tetrachloroethene

Concen: 1.906 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VV010830.D

Acq: 10 May 2019 23:56

Instrument :

MSVOA_V

ClientSampleId :

A5179

Tgt Ion:164 Resp: 1890

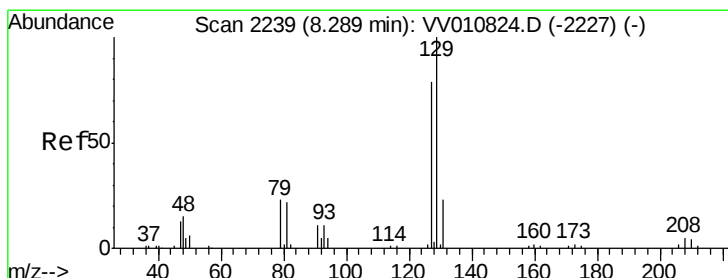
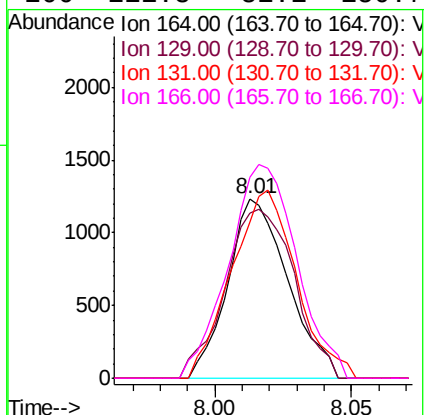
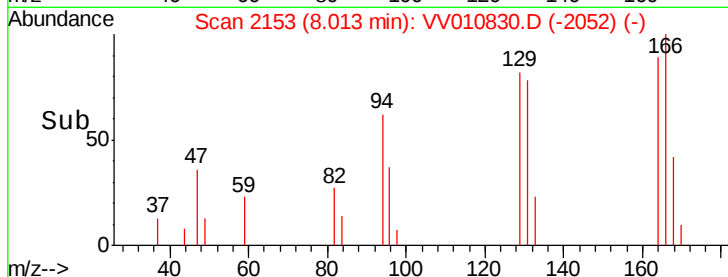
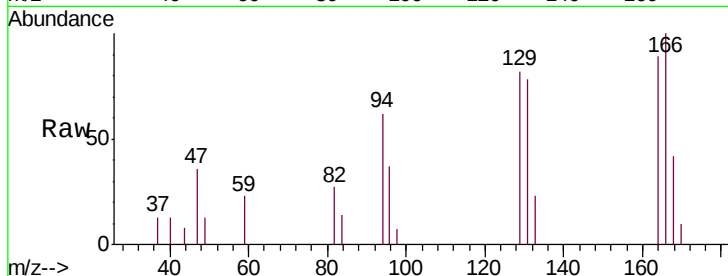
Ion Ratio Lower Upper

164 100

129 91.8 69.3 128.7

131 86.9 67.3 125.1

166 111.8 81.1 150.7



#50

Dibromochloromethane

Concen: 1.664 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV010830.D

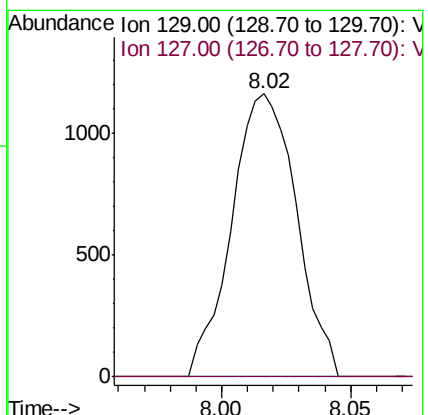
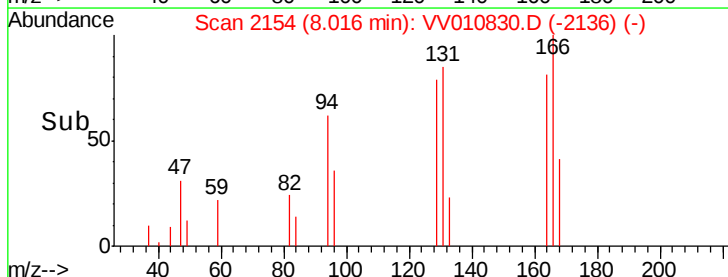
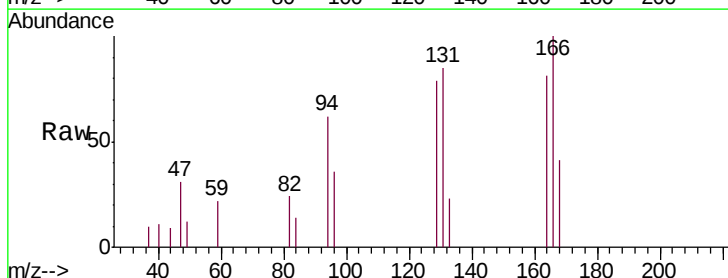
Acq: 10 May 2019 23:56

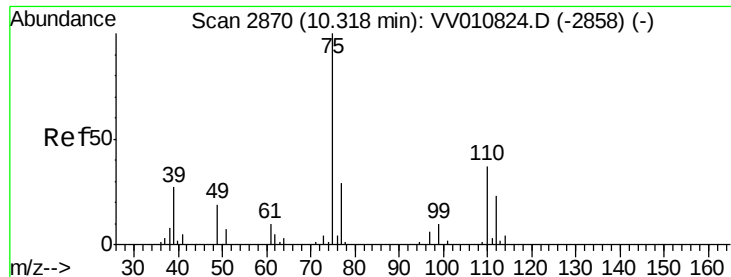
Tgt Ion:129 Resp: 2044

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#





#59

1,2,3-Trichloropropane

Concen: 3.318 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010830.D

Acq: 10 May 2019 23:56

Instrument :

MSVOA_V

ClientSampleId :

A5179

Tgt Ion: 75 Resp: 3624

Ion Ratio Lower Upper

75 100

77 43.1 25.0 37.6#

