

Data File : VV010443.D
Acq On : 23 Apr 2019 08:39
Operator : SY/MD
Sample : K2481-13
Misc : 5.03G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHW6

Quant Time: Apr 24 02:12:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 02:09:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	502267	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	480718	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	210975	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	76453	11.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	44.20%
7) Chloroethane-d5	1.56	69	79567	14.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.12%
10) 1,1-Dichloroethene-d2	2.12	63	140290	10.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.44%#
20) 2-Butanone-d5	3.92	46	59102	36.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.06%
24) Chloroform-d	4.39	84	231071	18.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.32%
26) 1,2-Dichloroethane-d4	5.07	65	150636	20.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.04%
29) Benzene-d6	5.09	84	465631	20.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.92%
33) 1,2-Dichloropropane-d6	6.11	67	148061	22.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.48%
37) Toluene-d8	7.36	98	436708	19.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.40%
38) trans-1,3-Dichloropropene-	7.66	79	53706	16.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.64%
39) 2-Hexanone-d5	8.13	63	41581	31.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.94%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	110674	17.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	165888	20.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.76%

Target Compounds

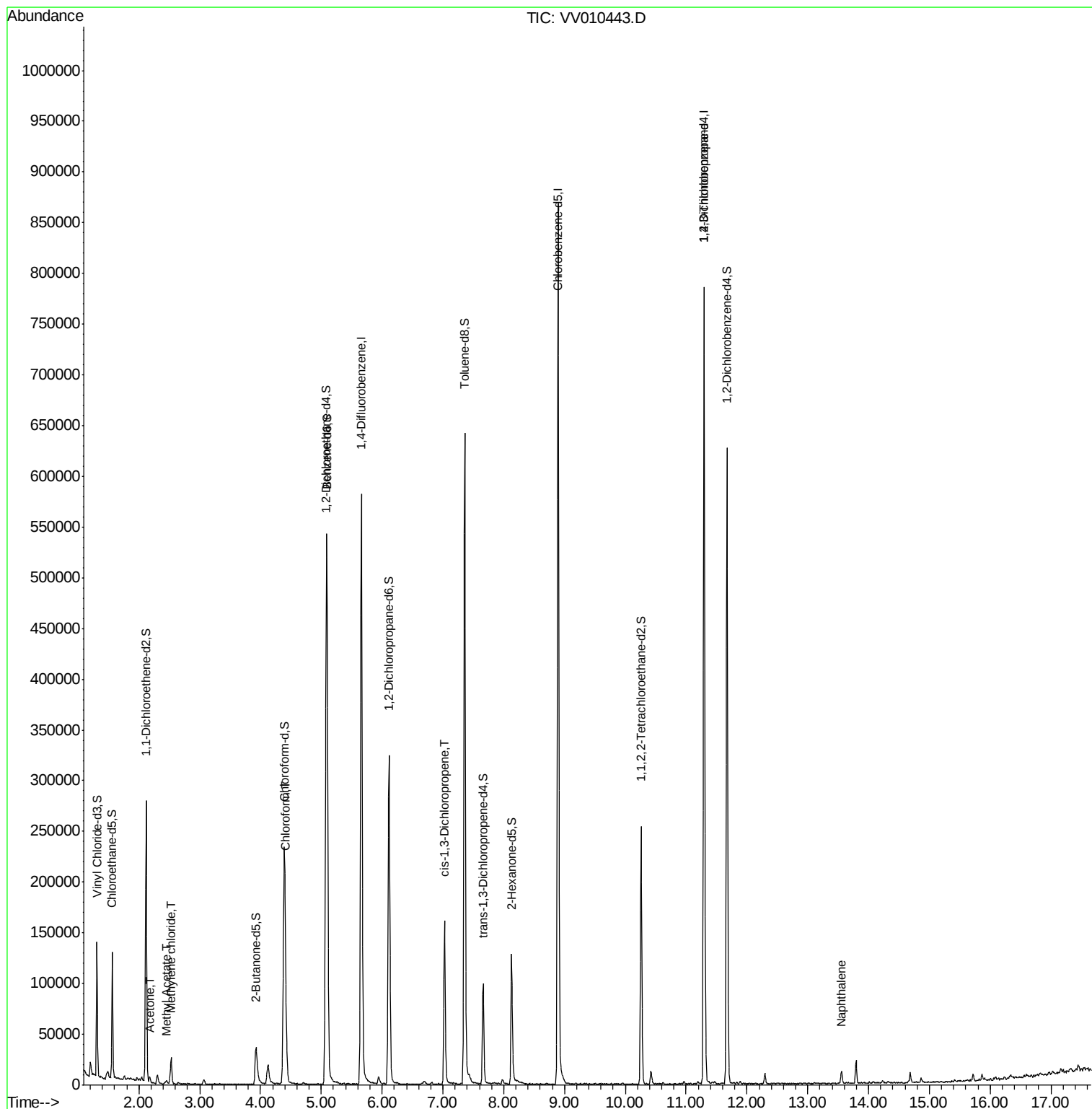
						Qvalue
13) Acetone	2.18	43	2782	1.604	ug/L	99
15) Methyl Acetate	2.45	43	4081	1.581	ug/L	92
16) Methylene chloride	2.53	84	10621	1.442	ug/L	99
25) Chloroform	4.42	83	31112	2.590	ug/L	95
42) cis-1,3-Dichloropropene	7.03	75	4604	0.533	ug/L	83
59) 1,2,3-Trichloropropane	11.29	75	24226	5.381	ug/L	90
69) Naphthalene	13.56	128	10449	0.874	ug/L #	94

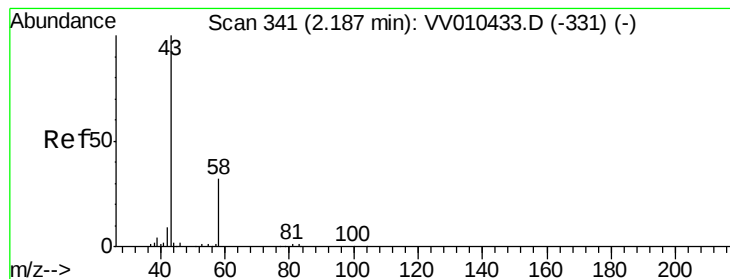
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.604 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

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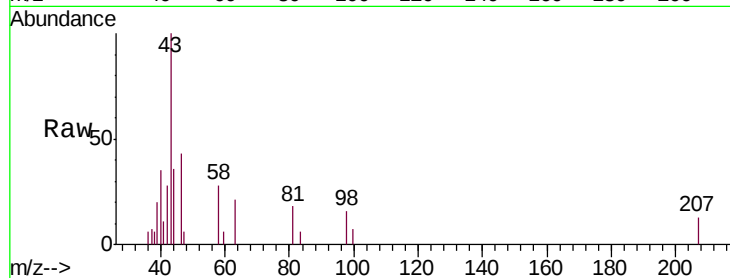
GAHW6

Tgt Ion: 43 Resp: 2782

Ion Ratio Lower Upper

43 100

58 32.5 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.18

2000

1500

1000

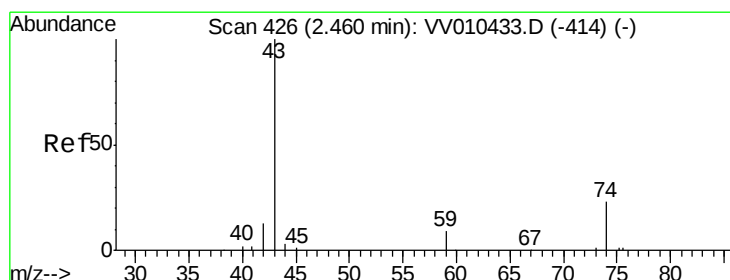
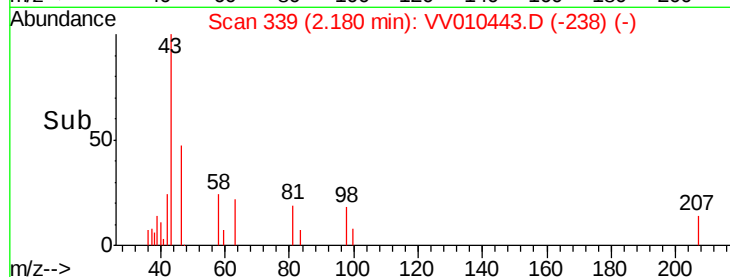
500

0

Time-->

2.15

2.20



#15

Methyl Acetate

Concen: 1.581 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.01 min

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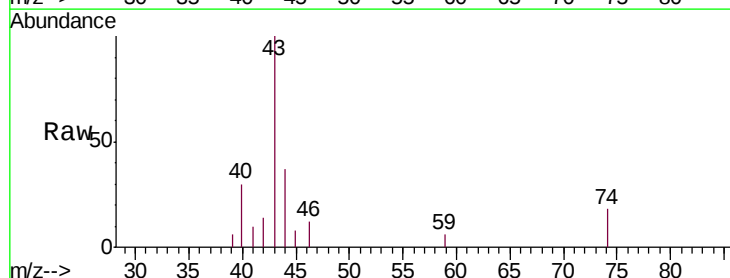
Acq: 23 Apr 2019 08:39

Tgt Ion: 43 Resp: 4081

Ion Ratio Lower Upper

43 100

74 20.6 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

2.45

2000

1500

1000

500

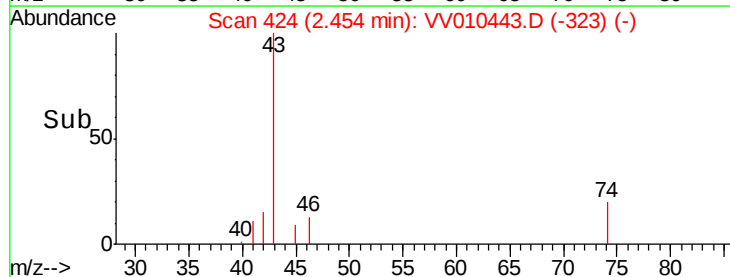
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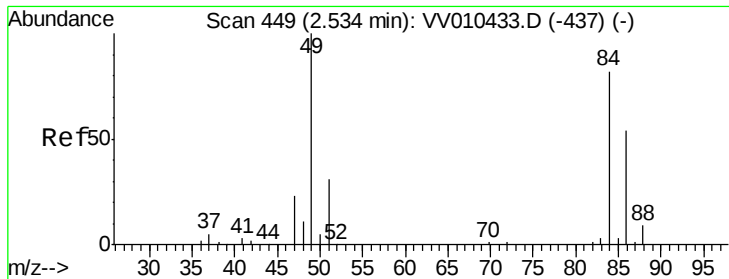
Time-->

2.40

2.45

2.50

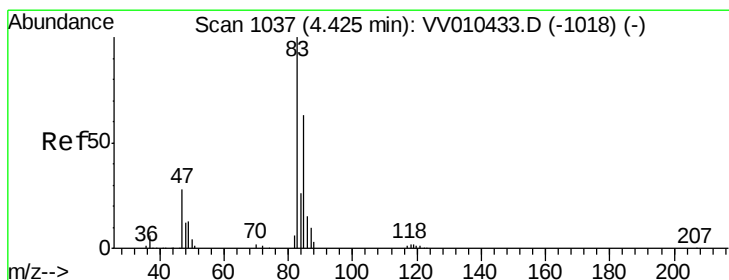
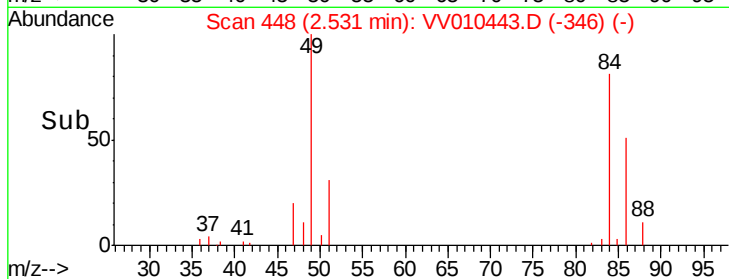
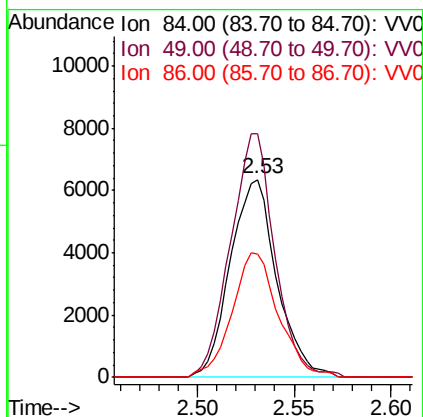
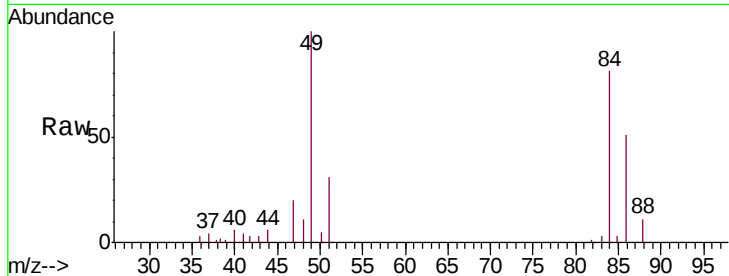




#16
Methylene chloride
Concen: 1.442 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
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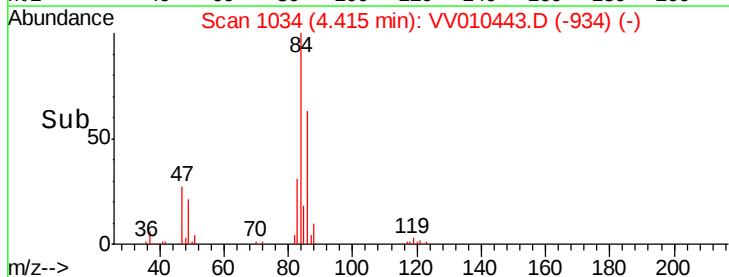
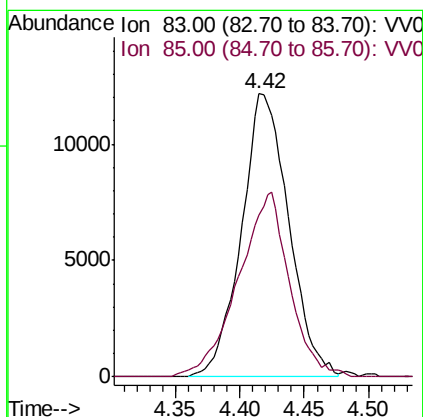
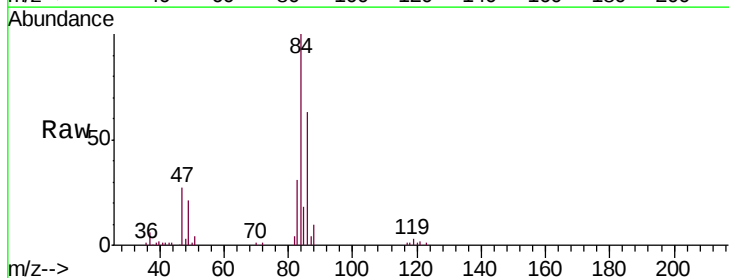
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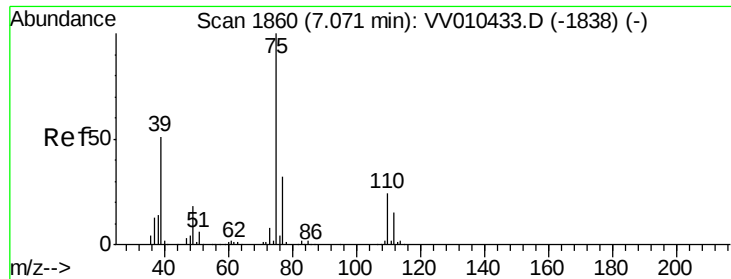
Tgt Ion: 84 Resp: 10621
Ion Ratio Lower Upper
84 100
49 122.9 85.0 158.0
86 62.4 43.9 81.5



#25
Chloroform
Concen: 2.590 ug/L
RT: 4.42 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VV010443.D
Acq: 23 Apr 2019 08:39

Tgt Ion: 83 Resp: 31112
Ion Ratio Lower Upper
83 100
85 69.6 46.1 85.5

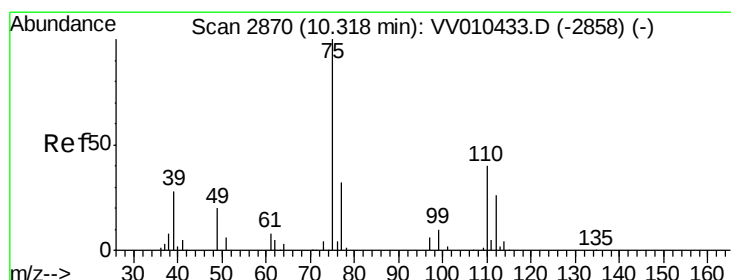
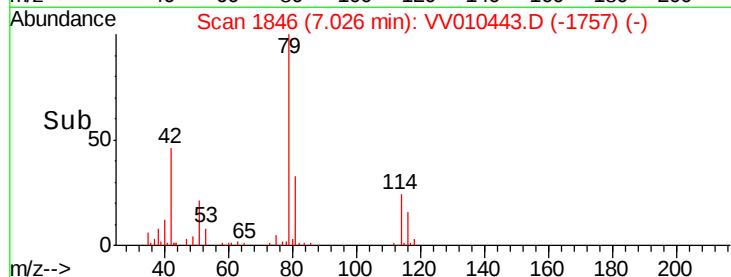
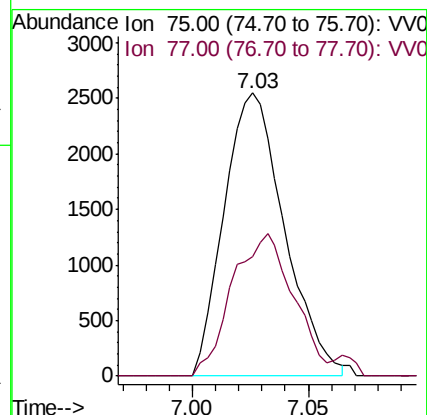
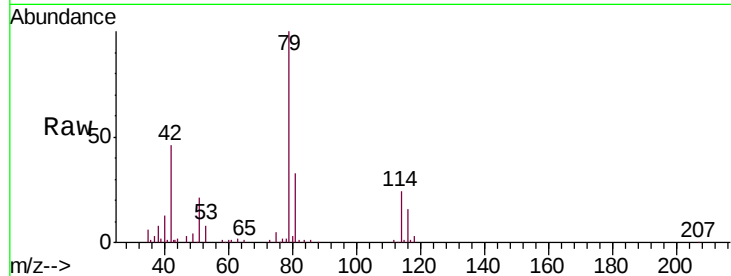




#42
 cis-1,3-Dichloropropene
 Concen: 0.533 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV010443.D
 Acq: 23 Apr 2019 08:39

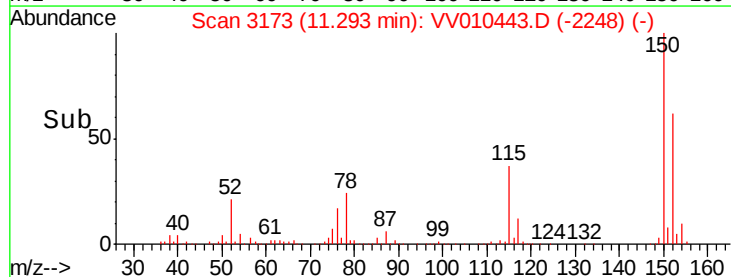
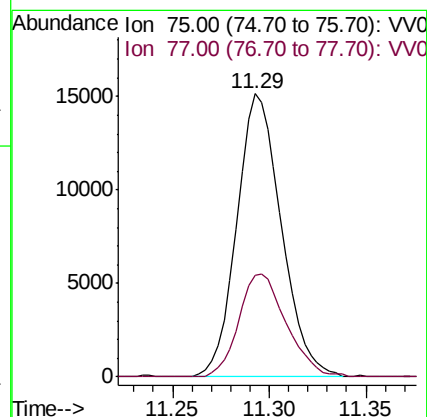
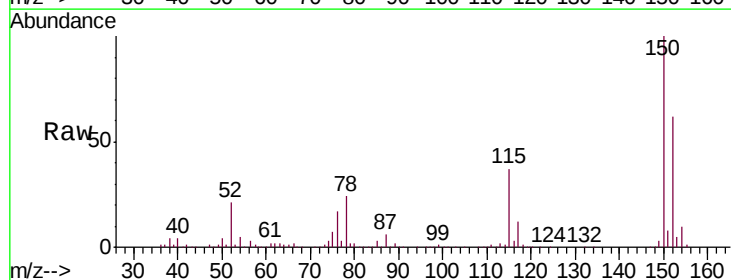
Instrument :
 MSVOA_V
 ClientSampleId :
 GAHW6

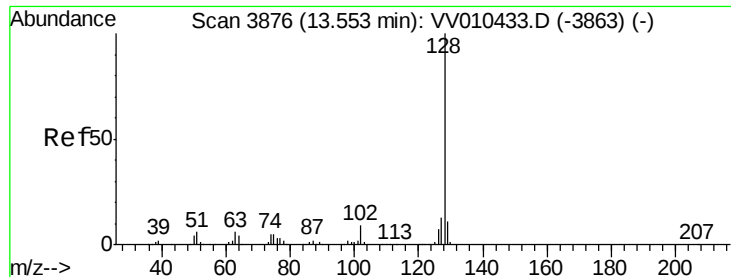
Tgt Ion: 75 Resp: 4604
 Ion Ratio Lower Upper
 75 100
 77 42.2 22.9 42.5



#59
 1,2,3-Trichloropropane
 Concen: 5.381 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010443.D
 Acq: 23 Apr 2019 08:39

Tgt Ion: 75 Resp: 24226
 Ion Ratio Lower Upper
 75 100
 77 38.3 26.2 39.2





#69

Naphthalene

Concen: 0.874 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

Lab File: VV010443.D

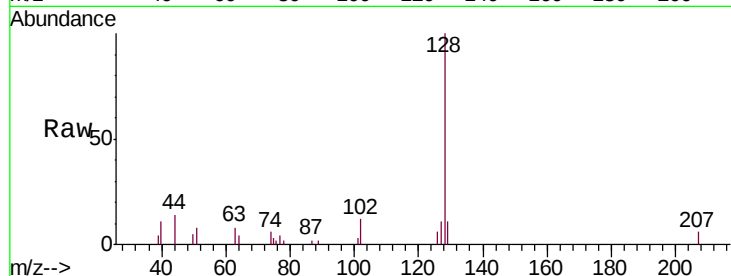
Acq: 23 Apr 2019 08:39

Instrument :

MSVOA_V

ClientSampleId :

GAHW6



Tgt Ion:128 Resp: 10449

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

127 8.8 10.2 15.2#

