

Data File : VV010386.D
Acq On : 19 Apr 2019 14:59
Operator : SY/MD
Sample : K2402-11
Misc : 5.06G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHJ1RE

Quant Time: Apr 20 02:31:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 02:27:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88191	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	91180	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47672	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20458	18.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.08%
7) Chloroethane-d5	1.58	69	20613	21.91	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.64%
10) 1,1-Dichloroethene-d2	2.13	63	35961	13.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.24%
20) 2-Butanone-d5	3.94	46	25493	73.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.20%#
24) Chloroform-d	4.40	84	55001	23.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.88%
26) 1,2-Dichloroethane-d4	5.08	65	43050	31.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.80%
29) Benzene-d6	5.10	84	97337	20.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.44%
33) 1,2-Dichloropropane-d6	6.12	67	33017	24.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.68%
37) Toluene-d8	7.36	98	88431	19.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.84%
38) trans-1,3-Dichloropropene-	7.66	79	15470	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.12%
39) 2-Hexanone-d5	8.13	63	17799	58.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41616	30.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.84%#
61) 1,2-Dichlorobenzene-d4	11.67	152	47526	25.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.44%

Target Compounds

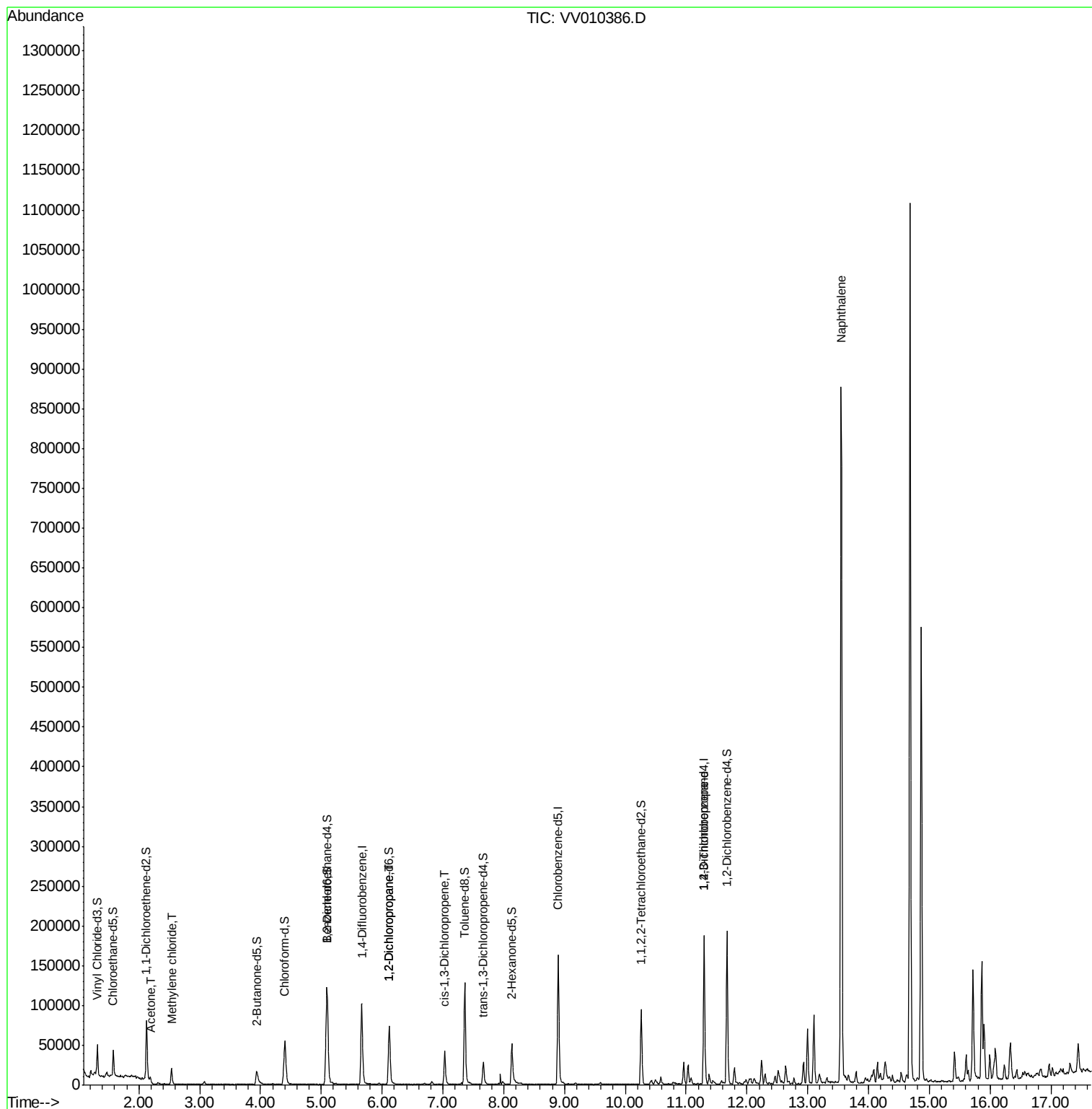
					Qvalue
13) Acetone	2.19	43	2344	6.369 ug/L	98
16) Methylene chloride	2.53	84	7802	5.539 ug/L	89
40) 1,2-Dichloropropane	6.12	63	4468	3.915 ug/L #	86
42) cis-1,3-Dichloropropene	7.03	75	1316	0.765 ug/L #	60
59) 1,2,3-Trichloropropane	11.30	75	6362	6.609 ug/L	98
69) Naphthalene	13.55	128	656807	184.043 ug/L	99

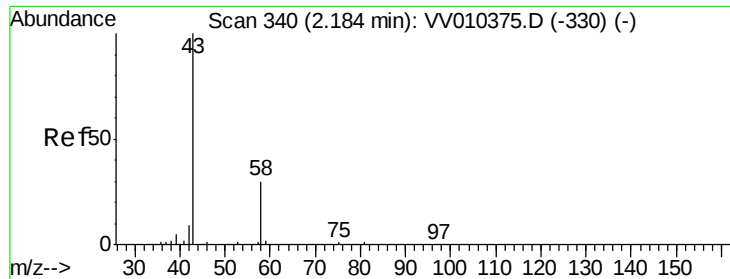
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.369 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

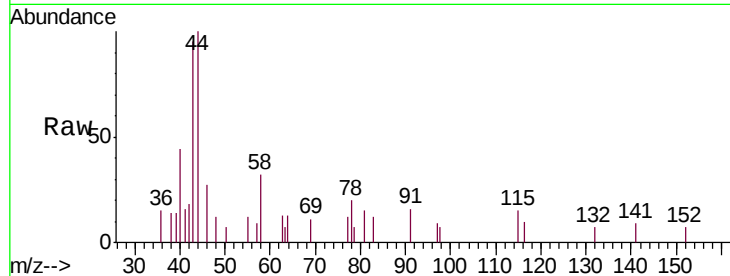
GAHJ1RE

Tgt Ion: 43 Resp: 2344

Ion Ratio Lower Upper

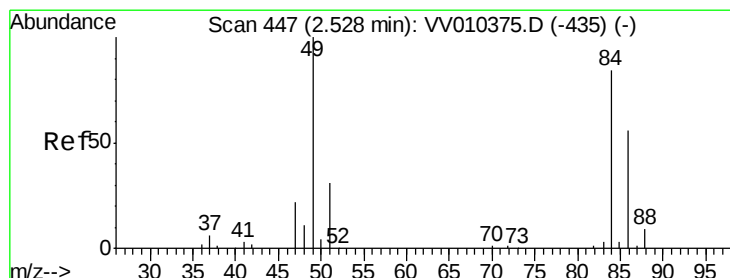
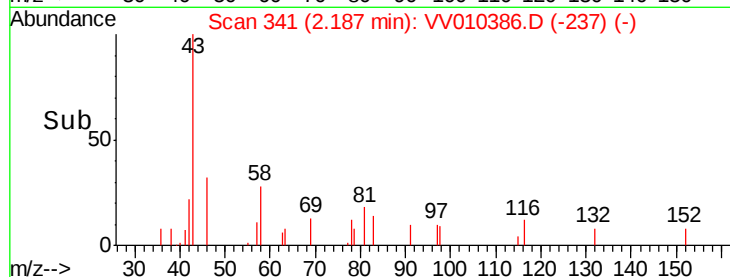
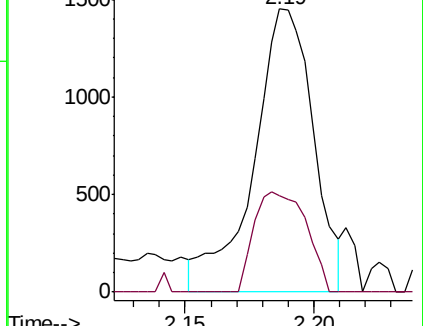
43 100

58 30.9 0.0 60.0



Abundance Ion 43.00 (42.70 to 43.70): VV010375.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010375.D (-330) (-)



#16

Methylene chloride

Concen: 5.539 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.01 min

Lab File: VV010386.D

Acq: 19 Apr 2019 14:59

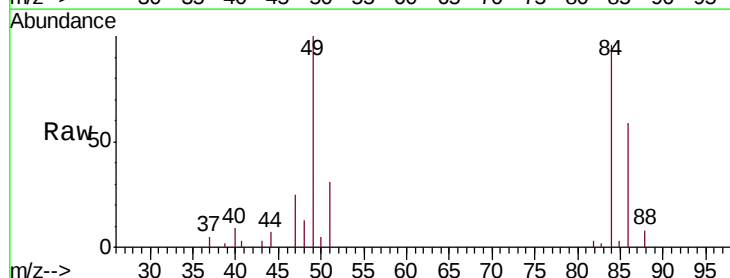
Tgt Ion: 84 Resp: 7802

Ion Ratio Lower Upper

84 100

49 104.0 83.8 155.6

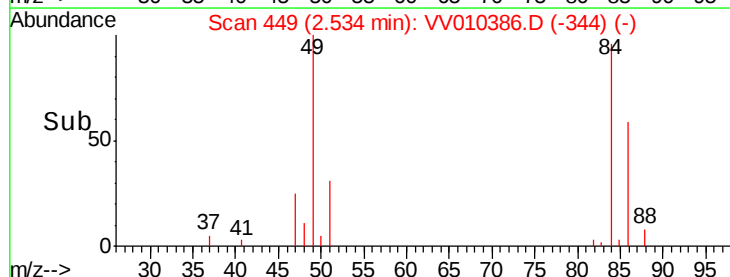
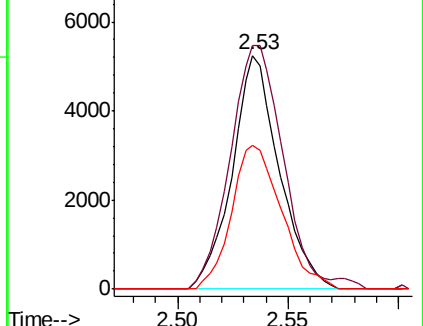
86 61.7 46.1 85.5

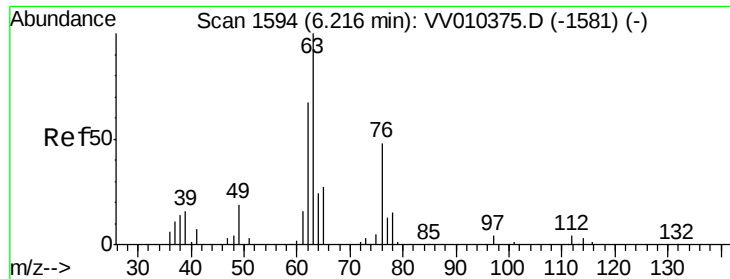


Abundance Ion 84.00 (83.70 to 84.70): VV010375.D (-435) (-)

Ion 49.00 (48.70 to 49.70): VV010375.D (-435) (-)

Ion 86.00 (85.70 to 86.70): VV010375.D (-435) (-)

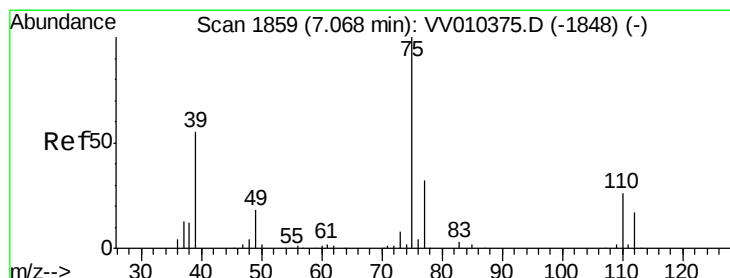
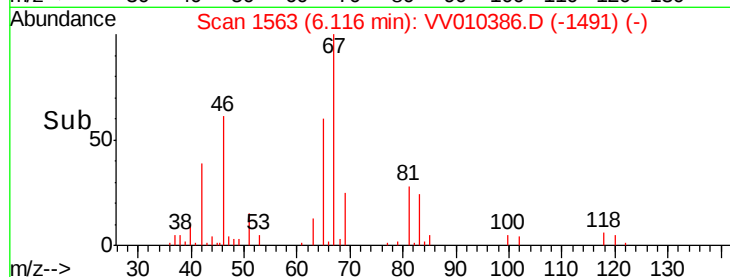
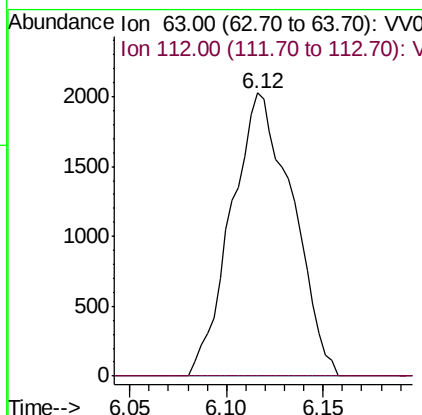
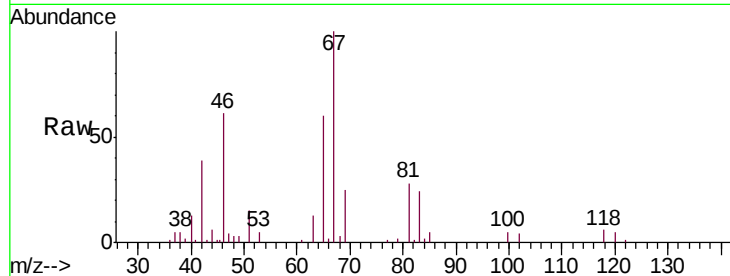




#40
 1,2-Dichloropropane
 Concen: 3.915 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV010386.D
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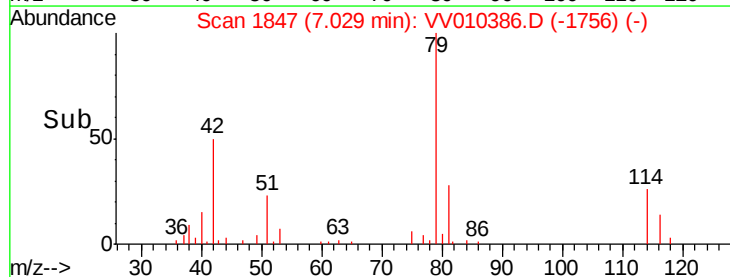
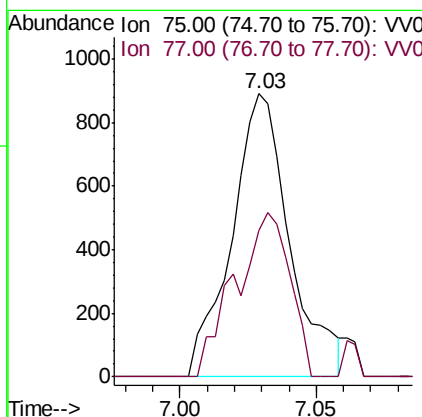
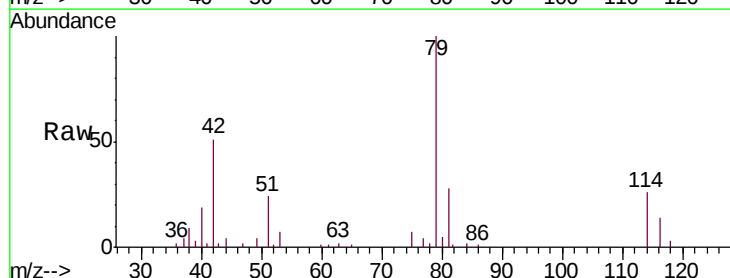
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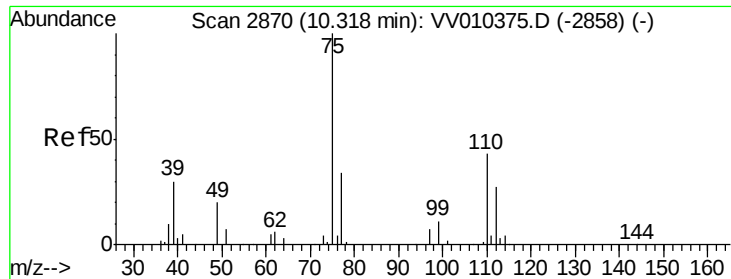
Tgt Ion: 63 Resp: 4468
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.765 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010386.D
 Acq: 19 Apr 2019 14:59

Tgt Ion: 75 Resp: 1316
 Ion Ratio Lower Upper
 75 100
 77 51.6 21.1 39.1#

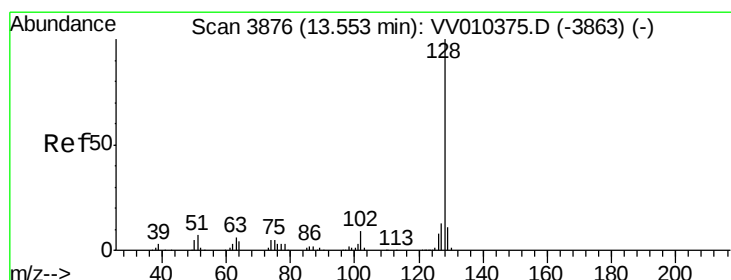
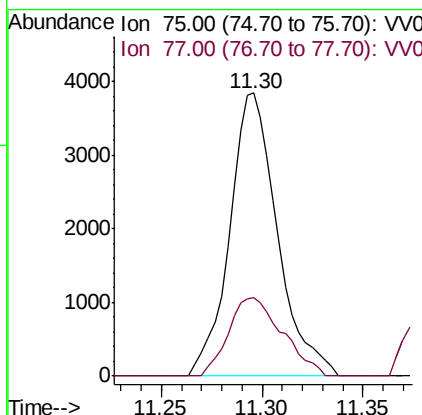
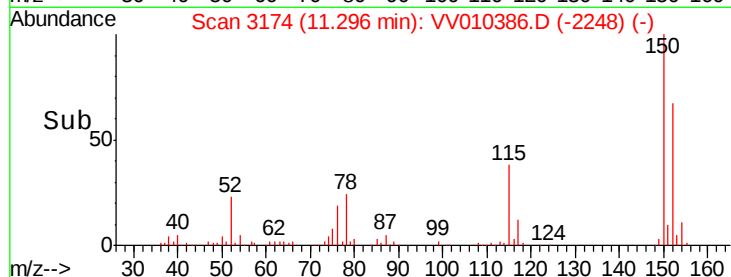
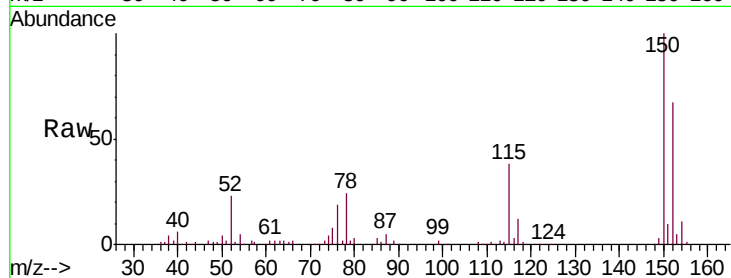




#59
 1,2,3-Trichloropropane
 Concen: 6.609 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010386.D
 Acq: 19 Apr 2019 14:59

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHJ1RE

Tgt Ion: 75 Resp: 6362
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.8 38.8



#69
 Naphthalene
 Concen: 184.043 ug/L
 RT: 13.55 min Scan# 3875
 Delta R.T. -0.00 min
 Lab File: VV010386.D
 Acq: 19 Apr 2019 14:59

Tgt Ion: 128 Resp: 656807
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.7 13.1
 127 13.7 10.7 16.1

