

Data File : VV010679.D
Acq On : 06 May 2019 15:42
Operator : SY/MD
Sample : K2634-01
Misc : 5.08G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 07 04:05:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Tue May 07 04:01:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	217688	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	204829	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92590	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37158	13.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.92%
7) Chloroethane-d5	1.58	69	29525	15.30	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.20%
10) 1,1-Dichloroethene-d2	2.13	63	56783	11.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.00%
20) 2-Butanone-d5	3.94	46	22810	27.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.40%
24) Chloroform-d	4.40	84	105169	18.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.80%
26) 1,2-Dichloroethane-d4	5.08	65	57050	17.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	70.84%
29) Benzene-d6	5.10	84	239853	22.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.40%
33) 1,2-Dichloropropane-d6	6.12	67	72091	22.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.68%
37) Toluene-d8	7.36	98	230699	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.48%
38) trans-1,3-Dichloropropene-	7.67	79	25046	18.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.56%
39) 2-Hexanone-d5	8.13	63	19573	33.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.62%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49719	16.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.88%
61) 1,2-Dichlorobenzene-d4	11.67	152	82904	23.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.08%

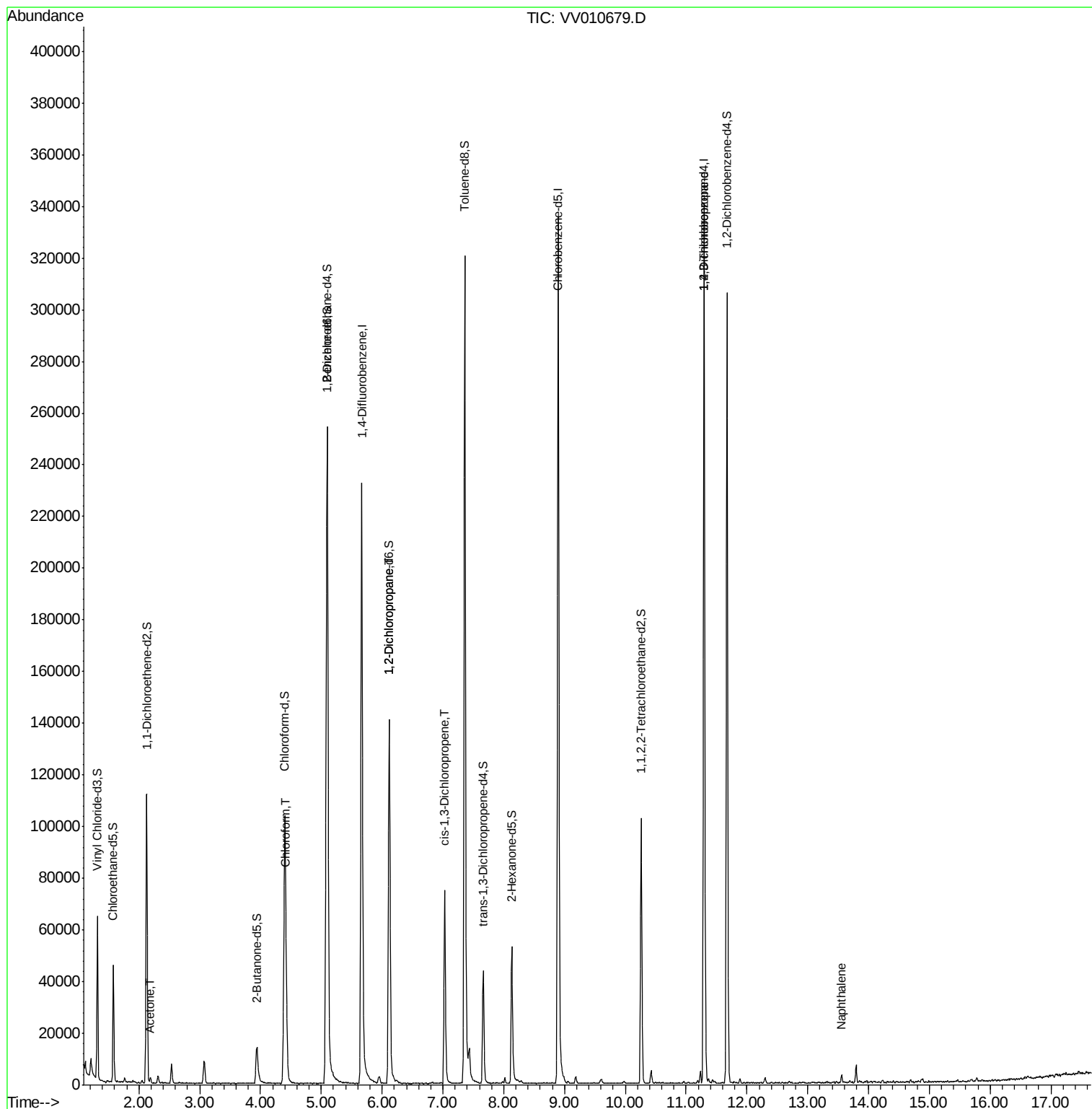
Target Compounds

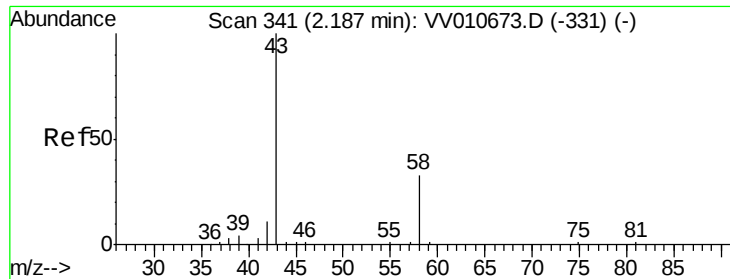
					Qvalue
13) Acetone	2.19	43	1181	1.643 ug/L	77
25) Chloroform	4.43	83	12740	2.373 ug/L	93
40) 1,2-Dichloropropane	6.12	63	7643	3.001 ug/L #	87
42) cis-1,3-Dichloropropene	7.03	75	2069	0.555 ug/L #	64
59) 1,2,3-Trichloropropane	11.30	75	10504	5.263 ug/L	95
69) Naphthalene	13.56	128	3095	0.523 ug/L #	96

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

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#13

Acetone

Concen: 1.643 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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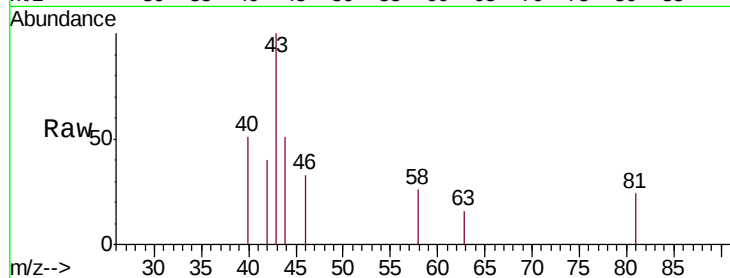
Acq: 06 May 2019 15:42

Tgt Ion: 43 Resp: 1181

Ion Ratio Lower Upper

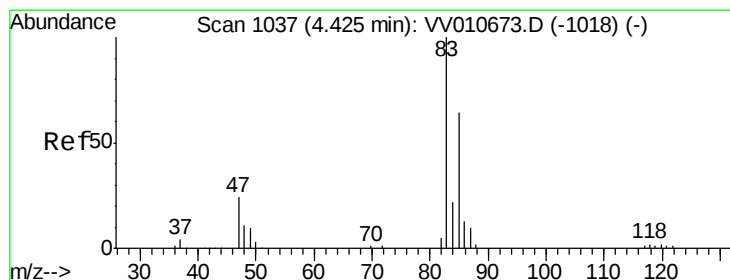
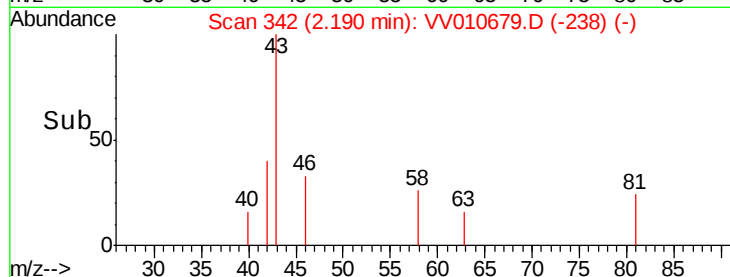
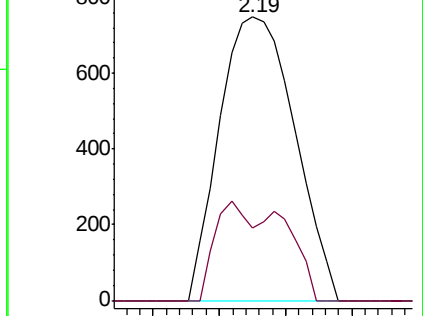
43 100

58 16.9 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VV010673.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010673.D (-331) (-)



#25

Chloroform

Concen: 2.373 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

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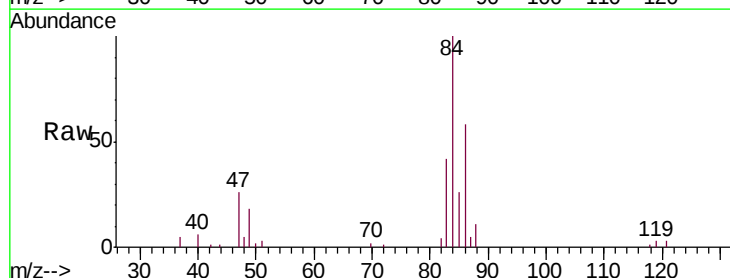
Acq: 06 May 2019 15:42

Tgt Ion: 83 Resp: 12740

Ion Ratio Lower Upper

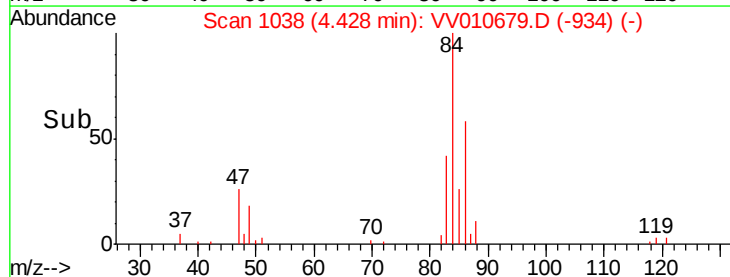
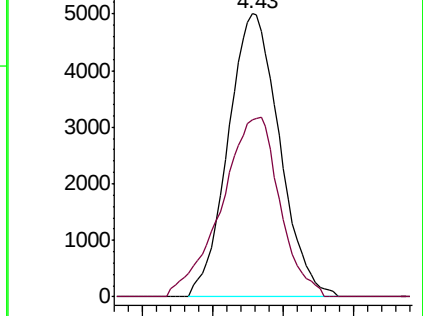
83 100

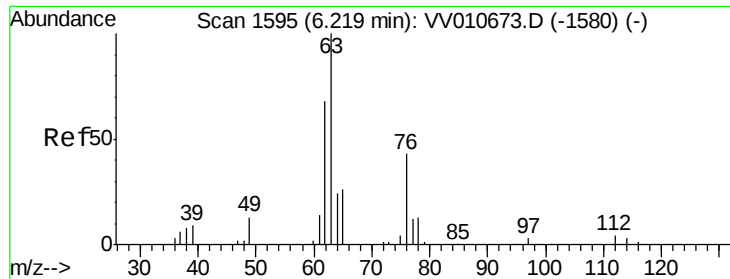
85 71.6 46.3 86.1



Abundance Ion 83.00 (82.70 to 83.70): VV010673.D (-1018) (-)

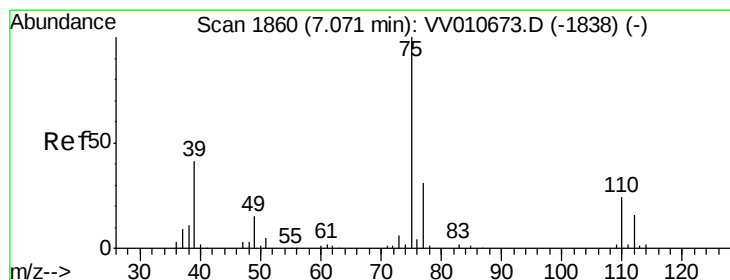
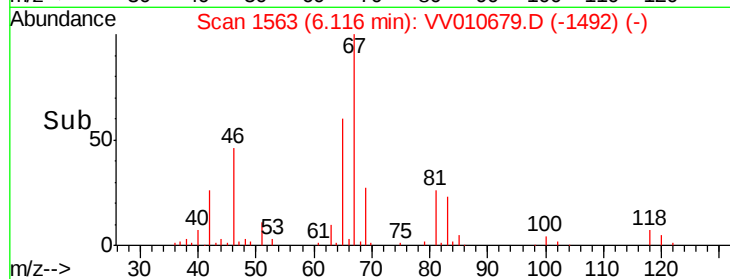
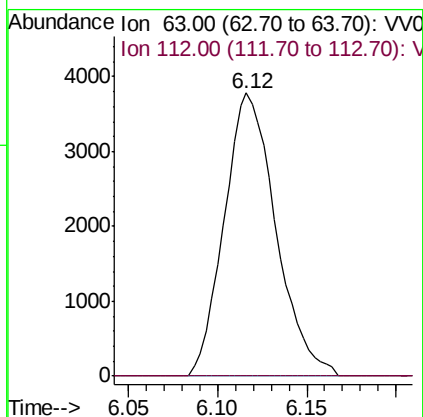
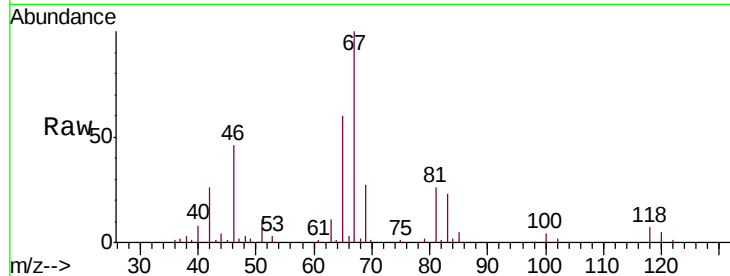
Ion 85.00 (84.70 to 85.70): VV010673.D (-1018) (-)





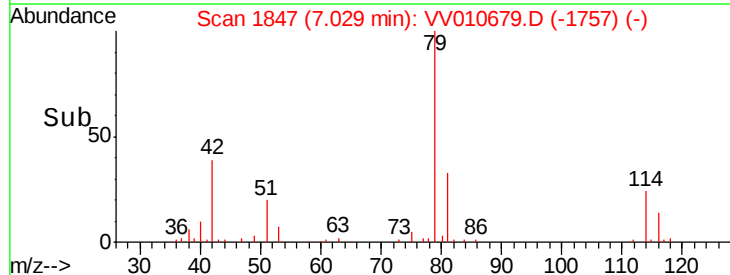
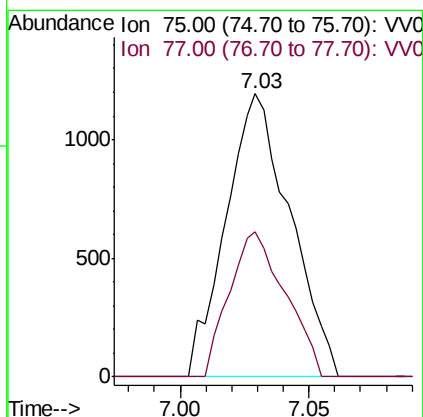
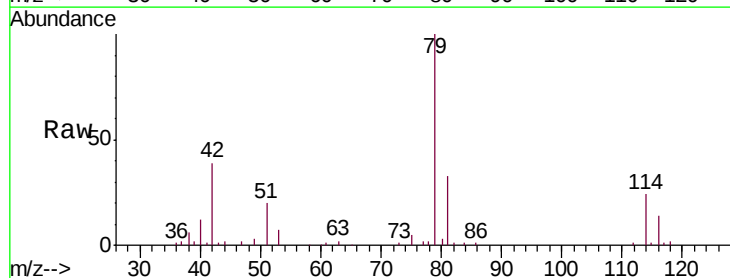
#40
 1,2-Dichloropropane
 Concen: 3.001 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
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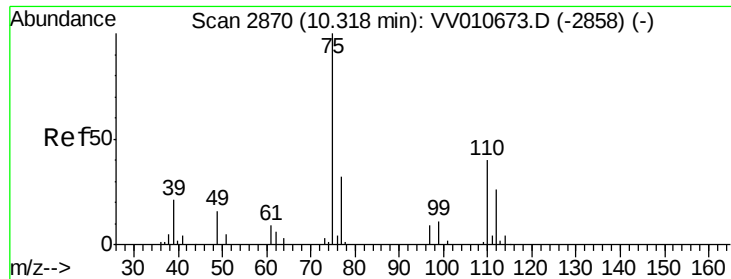
Tgt Ion: 63 Resp: 7643
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#42
 cis-1,3-Dichloropropene
 Concen: 0.555 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010679.D
 Acq: 06 May 2019 15:42

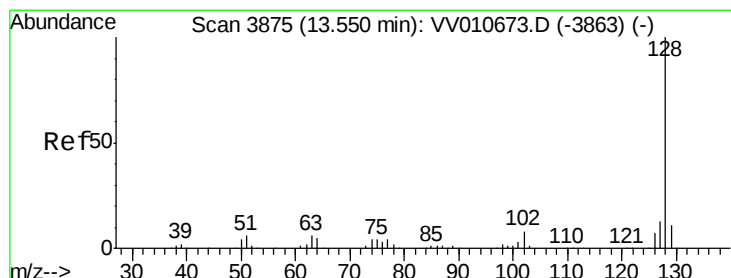
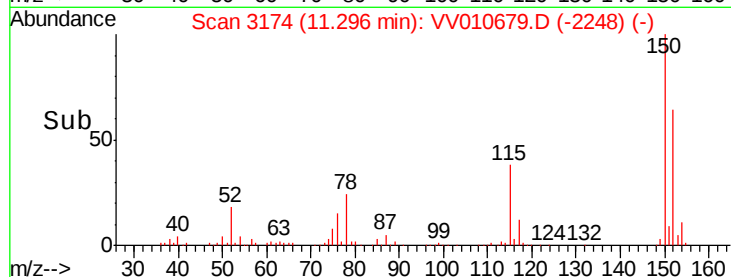
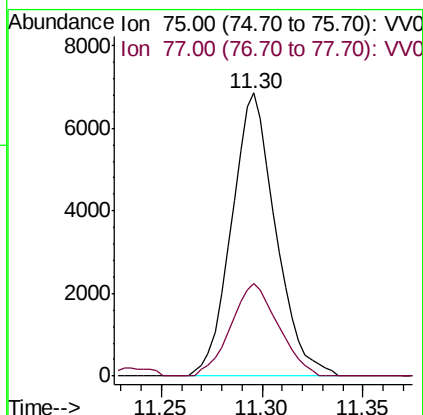
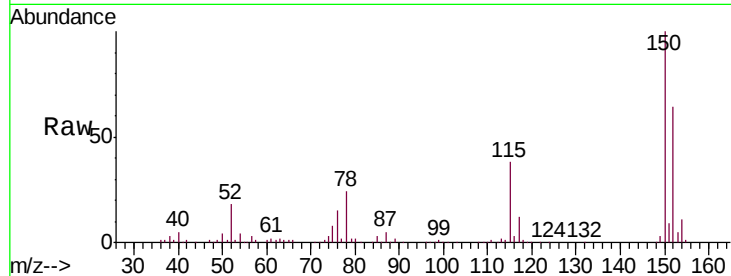
Tgt Ion: 75 Resp: 2069
 Ion Ratio Lower Upper
 75 100
 77 51.1 21.8 40.4#





#59
 1,2,3-Trichloropropane
 Concen: 5.263 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010679.D
 Acq: 06 May 2019 15:42

Tgt Ion: 75 Resp: 10504
 Ion Ratio Lower Upper
 75 100
 77 35.0 25.6 38.4



#69
 Naphthalene
 Concen: 0.523 ug/L
 RT: 13.56 min Scan# 3878
 Delta R.T. 0.01 min
 Lab File: VV010679.D
 Acq: 06 May 2019 15:42

Tgt Ion: 128 Resp: 3095
 Ion Ratio Lower Upper
 128 100
 129 10.5 8.6 13.0
 127 10.5 10.6 15.8#

