

Data File : VV011067.D
Acq On : 28 May 2019 17:02
Operator : SY/MD
Sample : K3016-10
Misc : 5.54G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C9

Quant Time: May 29 02:18:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 02:15:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	467673	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	389813	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121846	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	153880	24.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.00%
7) Chloroethane-d5	1.56	69	112063	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.96%
10) 1,1-Dichloroethene-d2	2.12	63	228560	19.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.64%
20) 2-Butanone-d5	3.94	46	130687	59.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.26%
24) Chloroform-d	4.40	84	288625	25.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.08	65	177525	24.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.92%
29) Benzene-d6	5.09	84	617938	27.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.28%
33) 1,2-Dichloropropane-d6	6.12	67	201335	27.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.92%
37) Toluene-d8	7.36	98	547076	26.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.00%
38) trans-1,3-Dichloropropene-	7.66	79	87585	25.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.56%
39) 2-Hexanone-d5	8.13	63	107247	67.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.58%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	156105	25.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.00%
61) 1,2-Dichlorobenzene-d4	11.67	152	106642	22.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.52%

Target Compounds

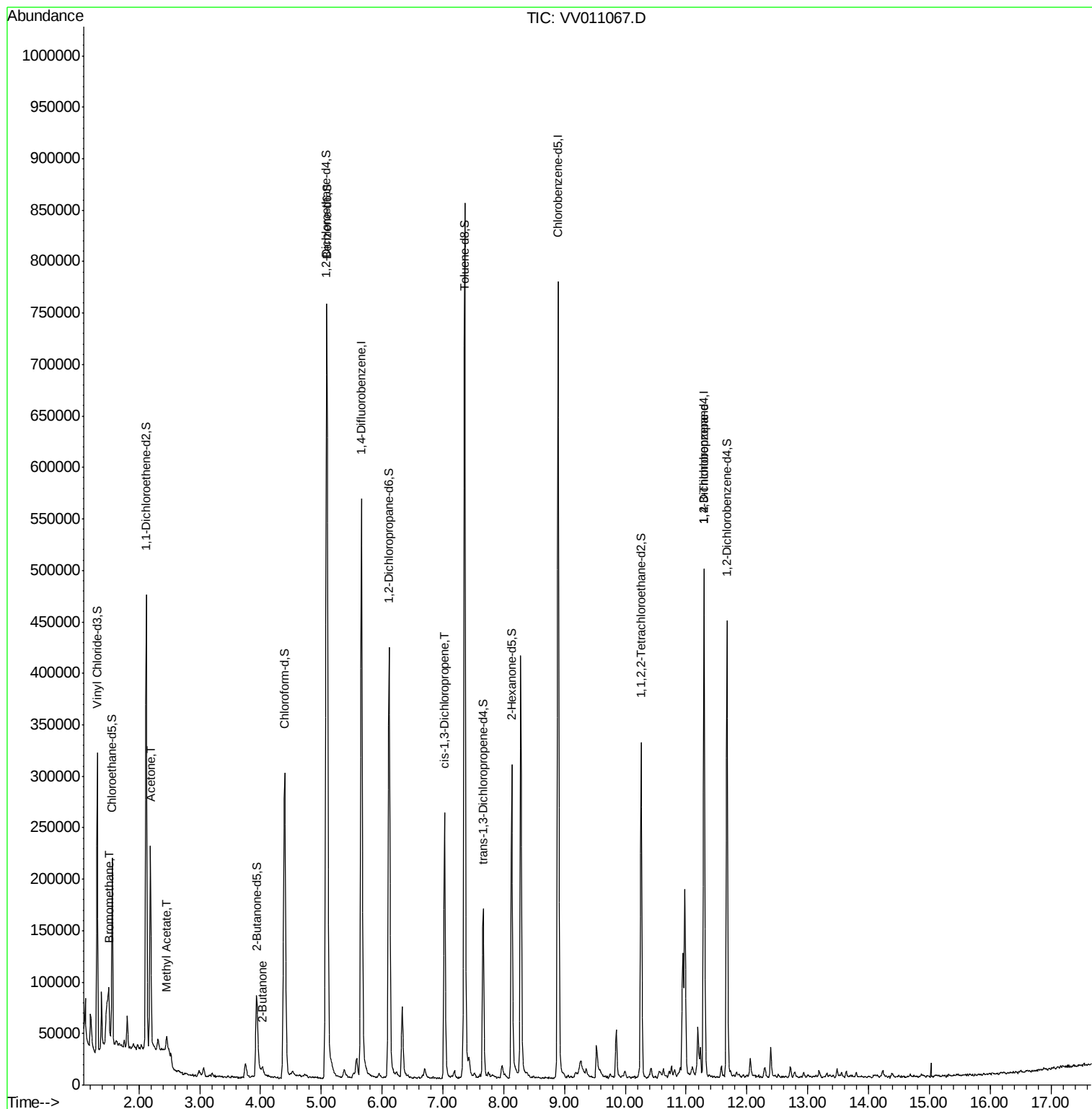
					Qvalue
6) Bromomethane	1.51	94	2471	0.826 ug/L	93
13) Acetone	2.19	43	189583	75.726 ug/L	99
15) Methyl Acetate	2.46	43	13286	3.677 ug/L #	100
21) 2-Butanone	4.03	43	13978	4.534 ug/L	87
42) cis-1,3-Dichloropropene	7.03	75	6324	0.630 ug/L #	62
59) 1,2,3-Trichloropropane	11.29	75	17448	3.722 ug/L	92

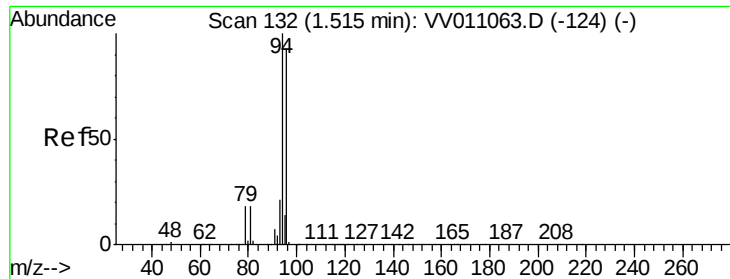
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.826 ug/L

RT: 1.51 min Scan# 131

Delta R.T. -0.00 min

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ClientSampleId :

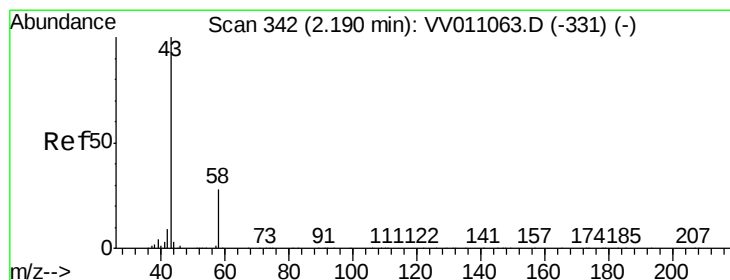
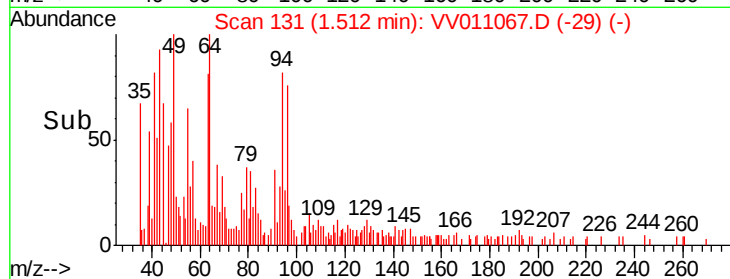
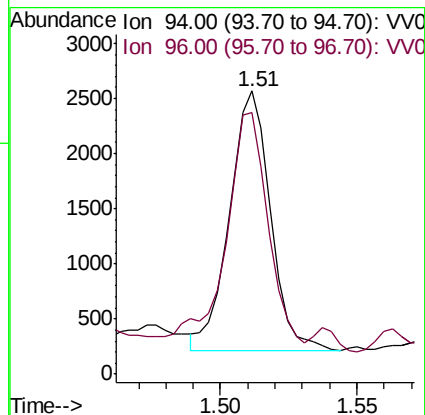
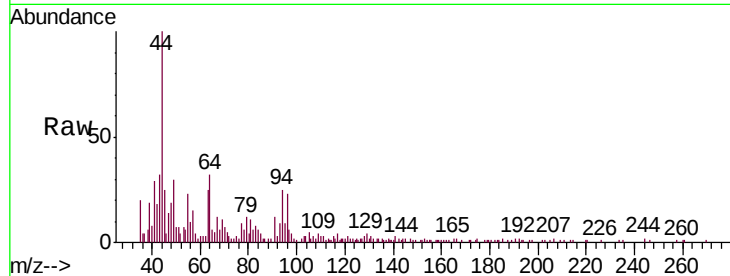
A51C9

Tgt Ion: 94 Resp: 2471

Ion Ratio Lower Upper

94 100

96 88.0 9.5 179.7



#13

Acetone

Concen: 75.726 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

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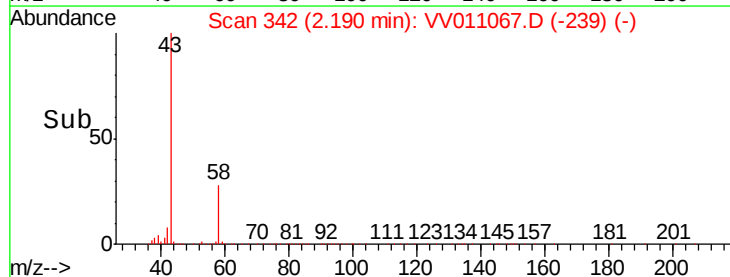
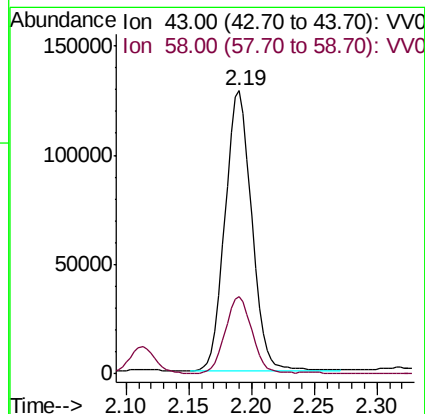
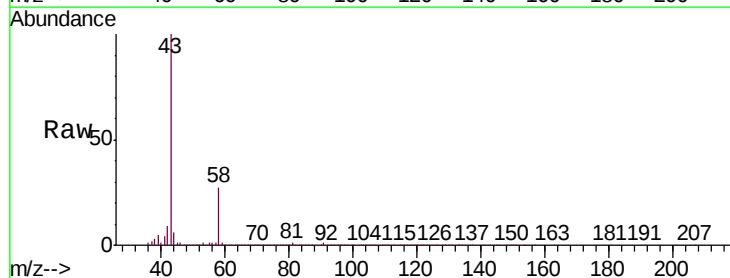
Acq: 28 May 2019 17:02

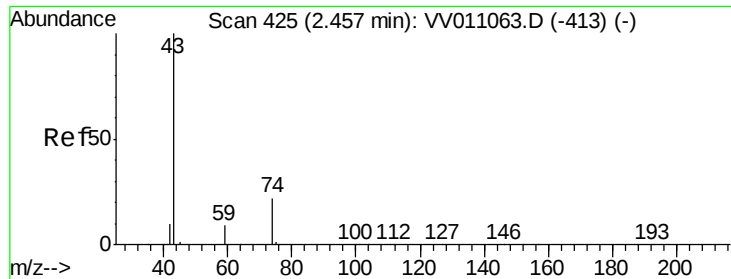
Tgt Ion: 43 Resp: 189583

Ion Ratio Lower Upper

43 100

58 27.1 0.0 54.8

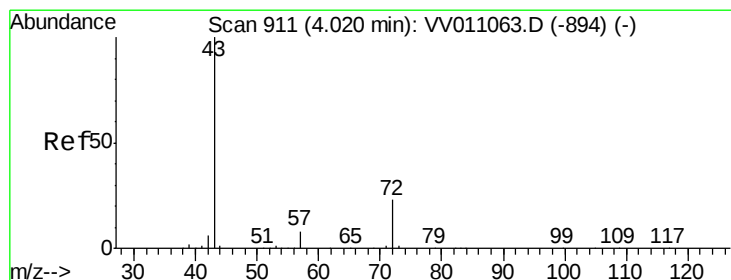
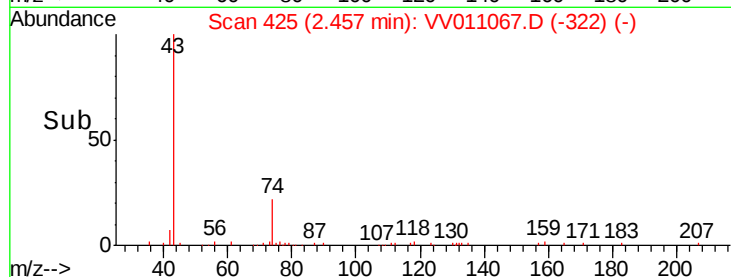
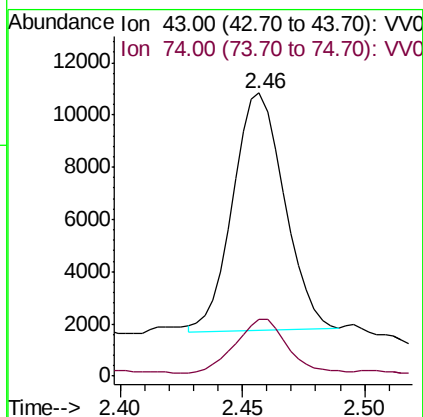
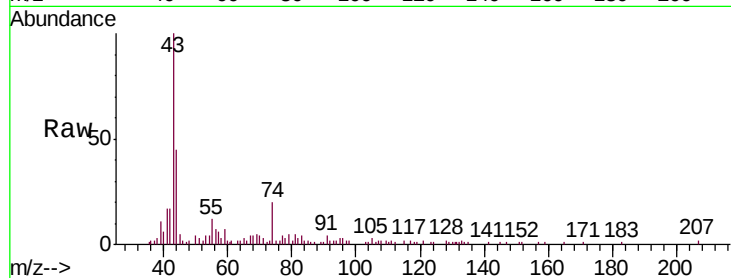




#15
Methyl Acetate
Concen: 3.677 ug/L
RT: 2.46 min Scan# 425
Delta R.T. -0.00 min
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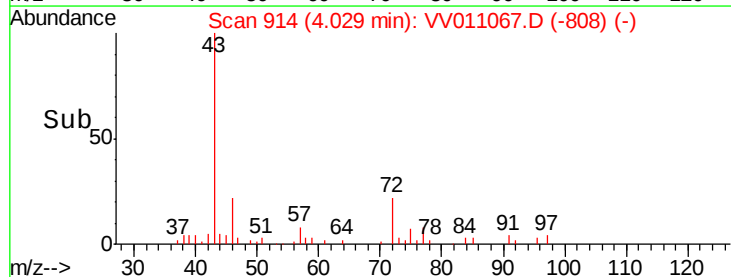
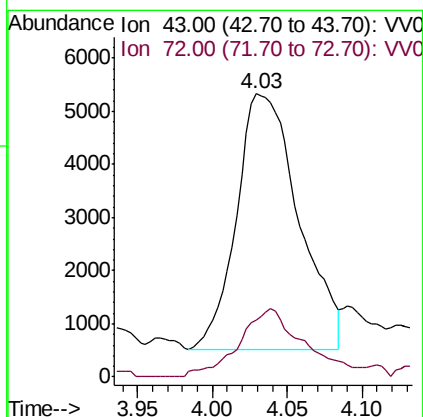
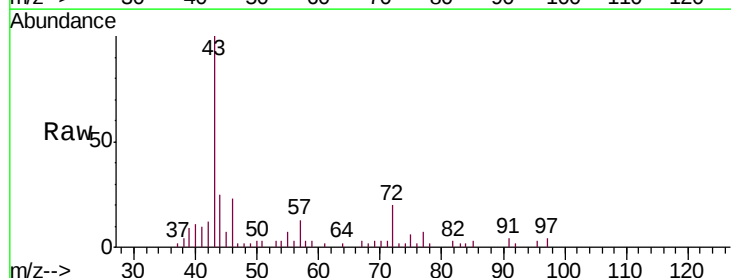
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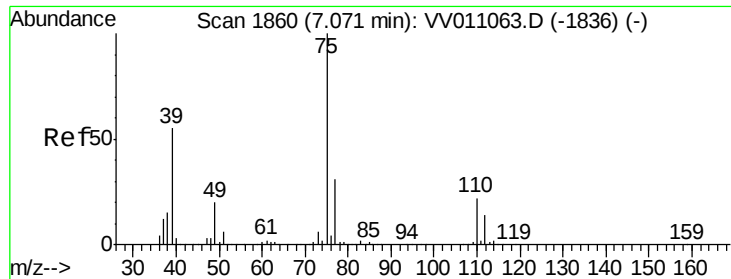
Tgt Ion: 43 Resp: 13286
Ion Ratio Lower Upper
43 100
74 23.6 0.0 0.0#



#21
2-Butanone
Concen: 4.534 ug/L
RT: 4.03 min Scan# 914
Delta R.T. 0.01 min
Lab File: VV011067.D
Acq: 28 May 2019 17:02

Tgt Ion: 43 Resp: 13978
Ion Ratio Lower Upper
43 100
72 27.6 10.7 31.9





#42

cis-1,3-Dichloropropene

Concen: 0.630 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.05 min

Lab File: VV011067.D

Acq: 28 May 2019 17:02

Instrument :

MSVOA_V

ClientSampleId :

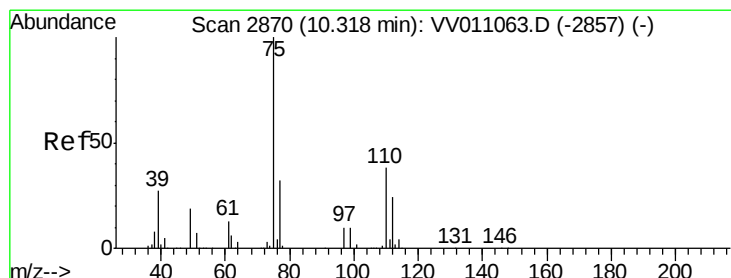
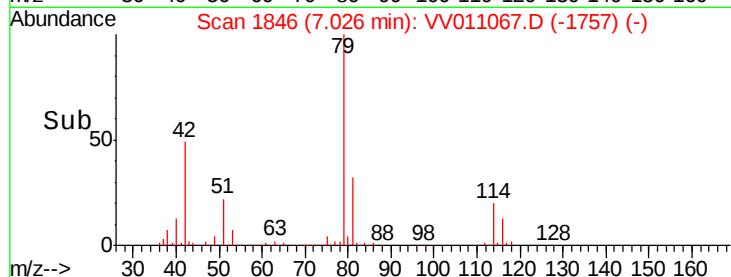
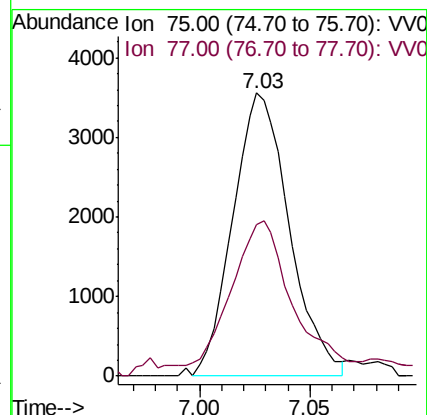
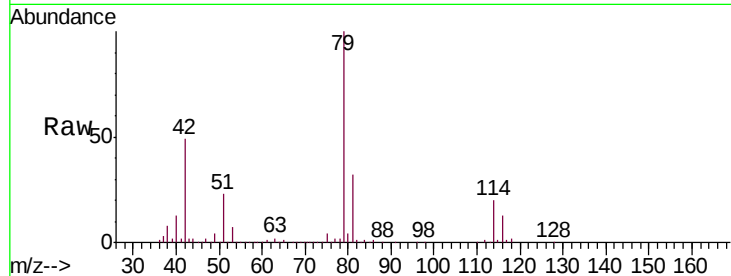
A51C9

Tgt Ion: 75 Resp: 6324

Ion Ratio Lower Upper

75 100

77 53.4 22.5 41.7#



#59

1,2,3-Trichloropropane

Concen: 3.722 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV011067.D

Acq: 28 May 2019 17:02

Tgt Ion: 75 Resp: 17448

Ion Ratio Lower Upper

75 100

77 36.0 25.4 38.0

