

Data File : VV010217.D
Acq On : 10 Apr 2019 18:48
Operator : SY/MD
Sample : VV0410SBL01
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 11 07:10:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 07:05:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	289656	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	275125	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	125407	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75522	22.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.60%
7) Chloroethane-d5	1.57	69	67300	23.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.96%
10) 1,1-Dichloroethene-d2	2.13	63	143940	16.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.84%
20) 2-Butanone-d5	3.93	46	41421	49.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.18%
24) Chloroform-d	4.40	84	141263	21.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.44%
26) 1,2-Dichloroethane-d4	5.08	65	91179	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.80%
29) Benzene-d6	5.10	84	326221	24.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.36%
33) 1,2-Dichloropropane-d6	6.12	67	94662	23.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.96%
37) Toluene-d8	7.36	98	320448	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.08%
38) trans-1,3-Dichloropropene-	7.66	79	38152	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.76%
39) 2-Hexanone-d5	8.13	63	31755	46.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.18%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	84095	23.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	116880	25.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.96%

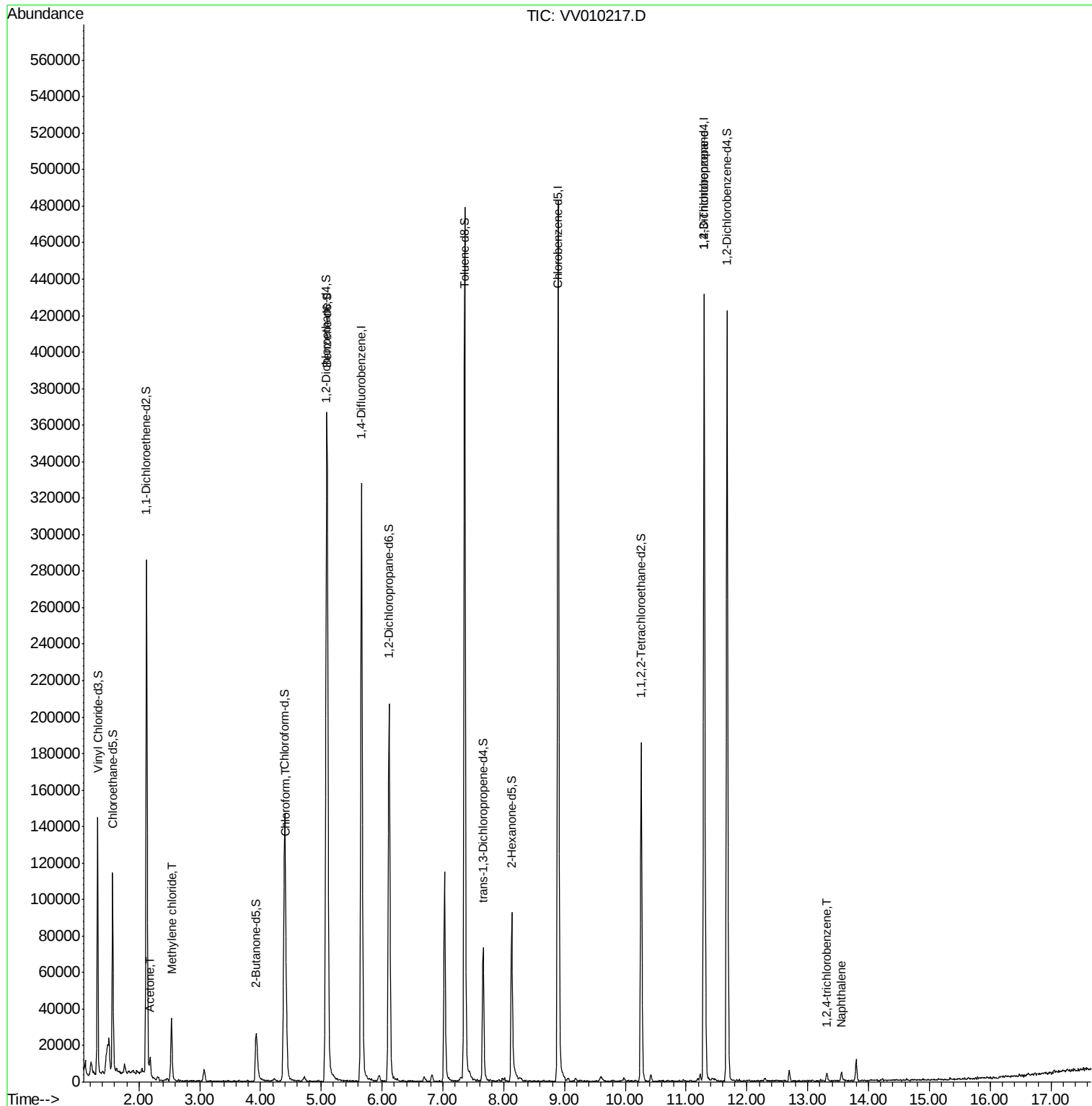
Target Compounds

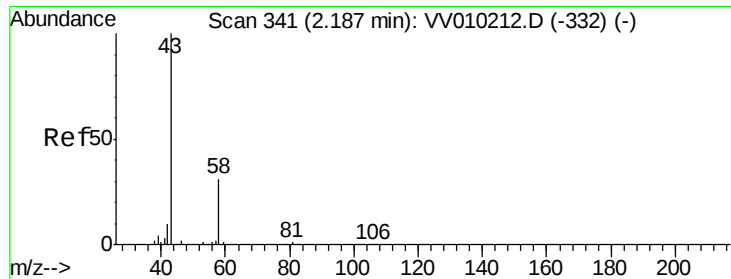
					Qvalue
13) Acetone	2.19	43	3338	3.703 ug/L	88
16) Methylene chloride	2.54	84	14511	2.558 ug/L	96
25) Chloroform	4.42	83	16943	2.388 ug/L	90
59) 1,2,3-Trichloropropane	11.30	75	14887	5.654 ug/L	88
68) 1,2,4-trichlorobenzene	13.31	180	2042	0.517 ug/L #	76
69) Naphthalene	13.56	128	4065	0.758 ug/L #	90

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

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#13

Acetone

Concen: 3.703 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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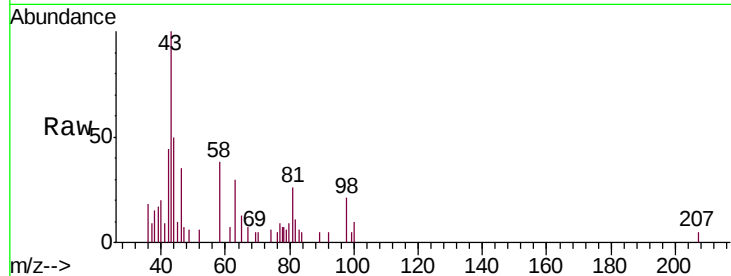
Acq: 10 Apr 2019 18:48

Tgt Ion: 43 Resp: 3338

Ion Ratio Lower Upper

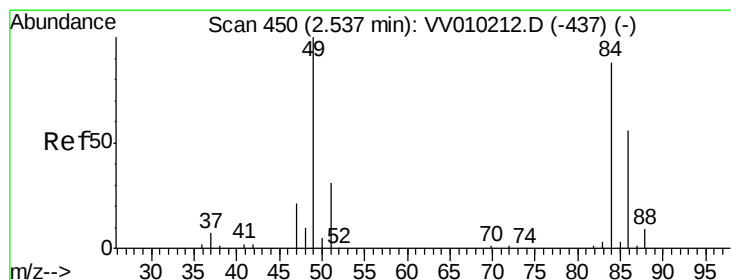
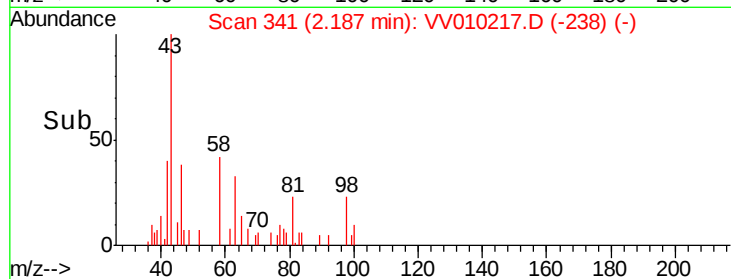
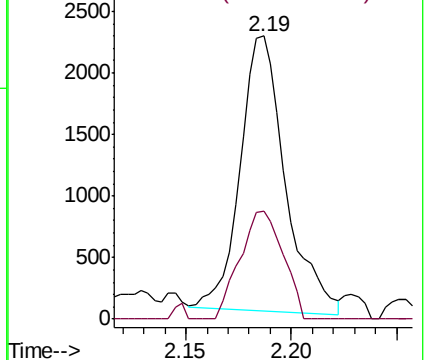
43 100

58 37.4 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010217.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010217.D (-332) (-)



#16

Methylene chloride

Concen: 2.558 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV010217.D

Acq: 10 Apr 2019 18:48

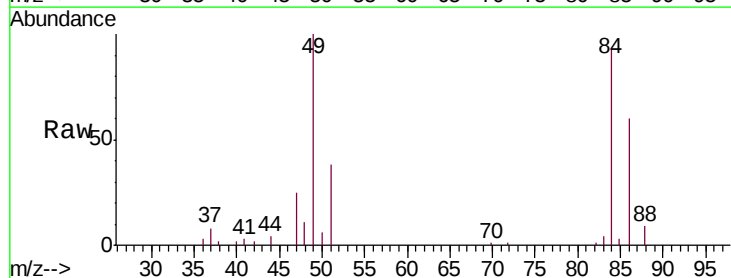
Tgt Ion: 84 Resp: 14511

Ion Ratio Lower Upper

84 100

49 107.8 79.9 148.5

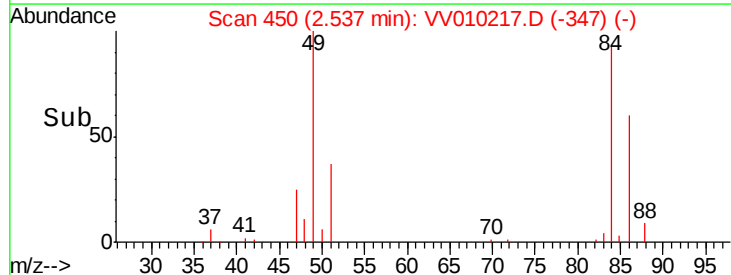
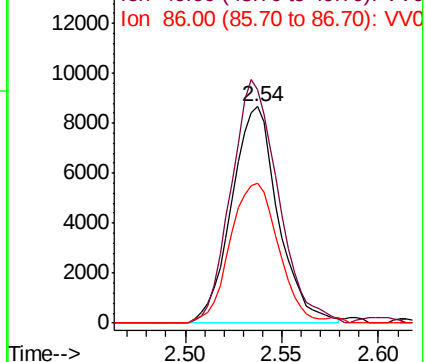
86 64.7 44.5 82.7

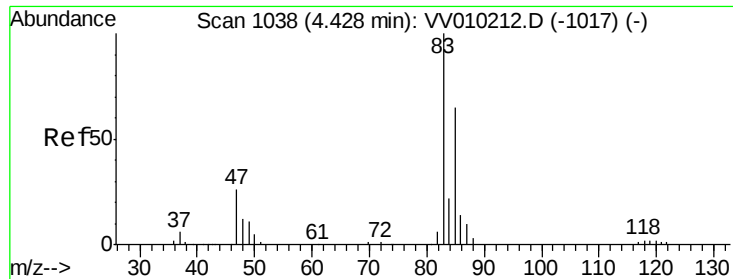


Abundance Ion 84.00 (83.70 to 84.70): VV010217.D (-347) (-)

Ion 49.00 (48.70 to 49.70): VV010217.D (-347) (-)

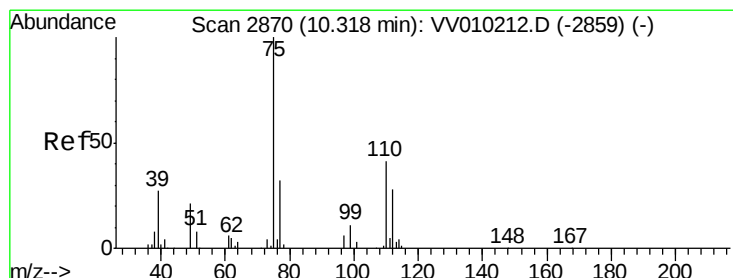
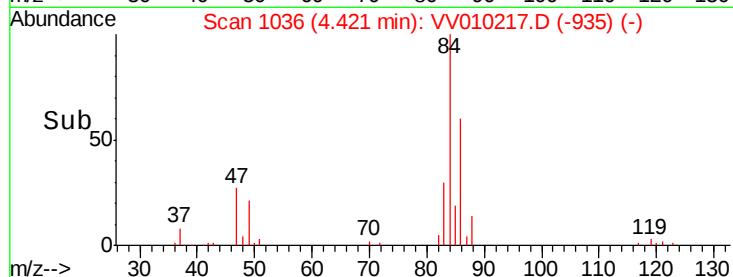
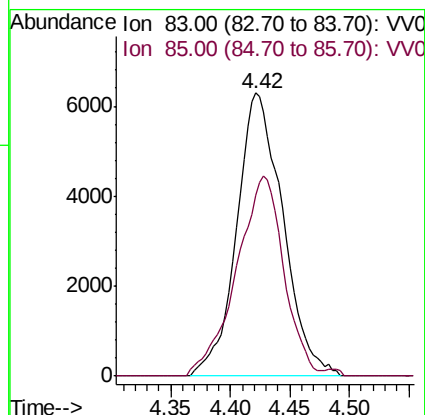
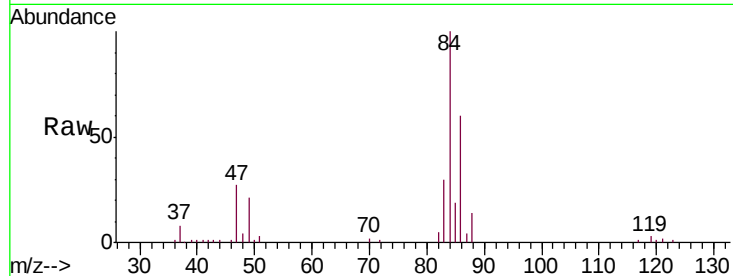
Ion 86.00 (85.70 to 86.70): VV010217.D (-347) (-)





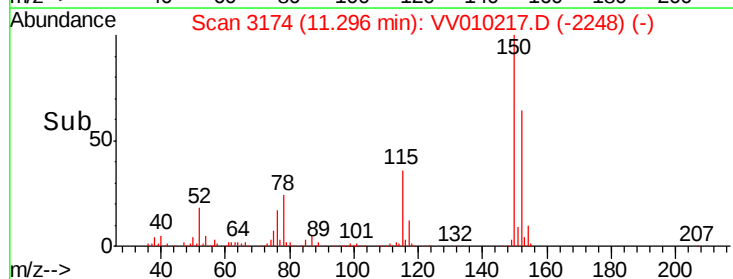
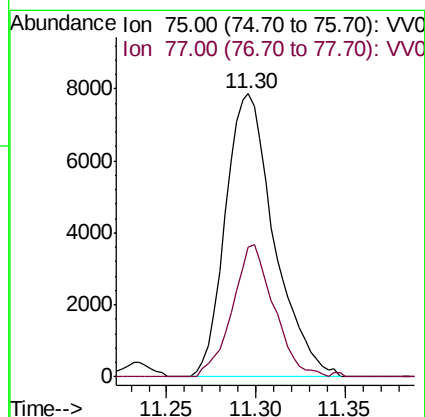
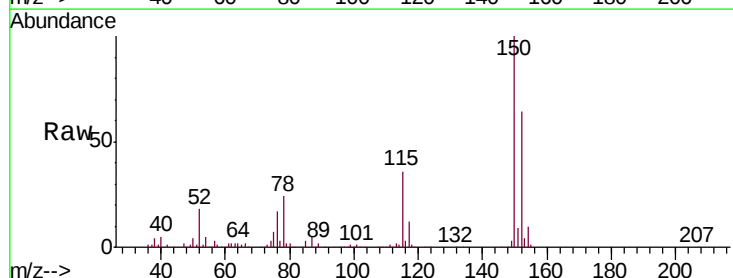
#25
Chloroform
Concen: 2.388 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VV010217.D
Acq: 10 Apr 2019 18:48

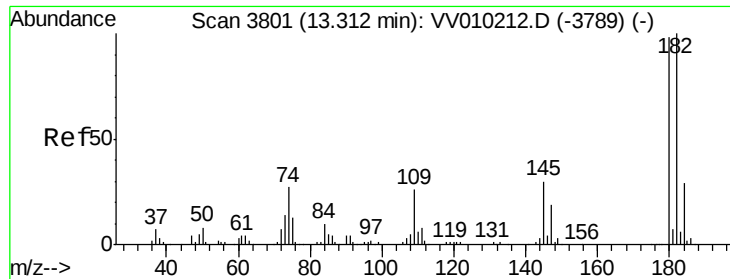
Tgt Ion: 83 Resp: 16943
Ion Ratio Lower Upper
83 100
85 72.3 45.4 84.2



#59
1,2,3-Trichloropropane
Concen: 5.654 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010217.D
Acq: 10 Apr 2019 18:48

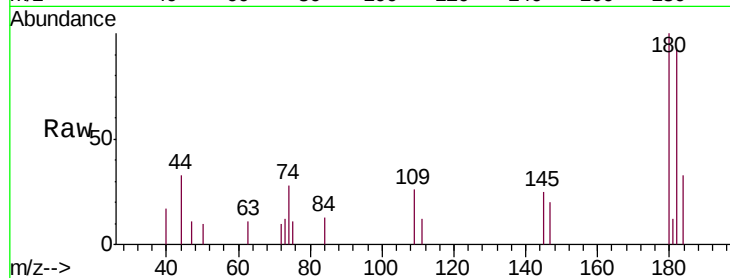
Tgt Ion: 75 Resp: 14887
Ion Ratio Lower Upper
75 100
77 40.2 26.9 40.3



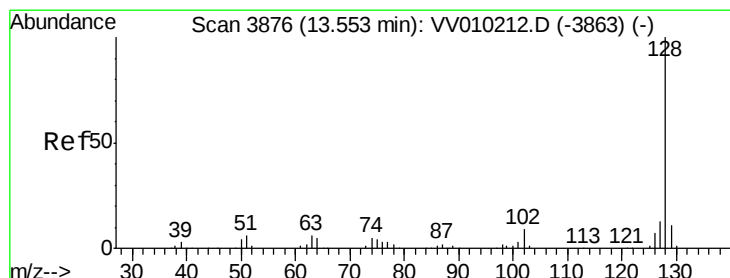
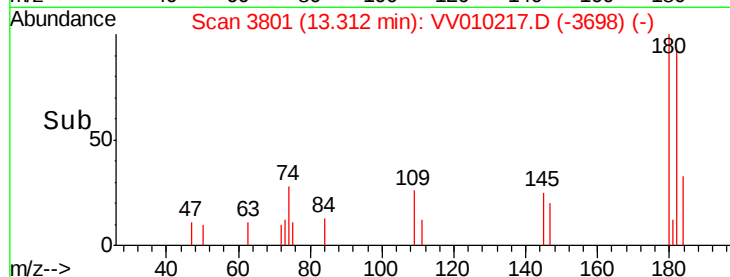
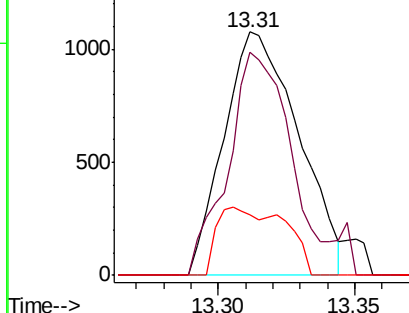


#68
 1,2,4-trichlorobenzene
 Concen: 0.517 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV010217.D
 Acq: 10 Apr 2019 18:48

Tgt Ion:180 Resp: 2042
 Ion Ratio Lower Upper
 180 100
 182 75.4 78.8 118.2#
 145 15.2 24.5 36.7#

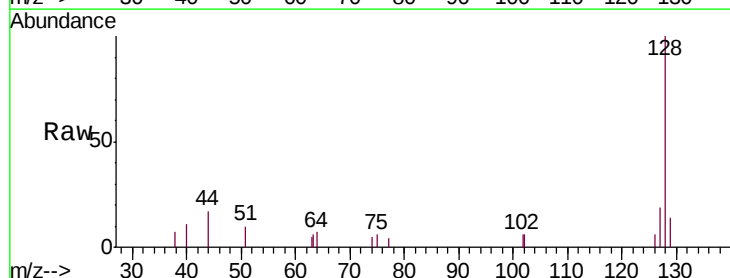


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



#69
 Naphthalene
 Concen: 0.758 ug/L
 RT: 13.56 min Scan# 3877
 Delta R.T. 0.00 min
 Lab File: VV010217.D
 Acq: 10 Apr 2019 18:48

Tgt Ion:128 Resp: 4065
 Ion Ratio Lower Upper
 128 100
 129 8.3 9.0 13.4#
 127 18.3 10.6 15.8#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

