

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041619\
 Data File : VV010339.D
 Acq On : 16 Apr 2019 18:09
 Operator : SY/MD
 Sample : K2402-17
 Misc : 5.08G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHJ7

Quant Time: Apr 16 23:12:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 16 23:09:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	318069	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	312043	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	155002	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50741	13.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.44%
7) Chloroethane-d5	1.57	69	56960	18.10	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.40%
10) 1,1-Dichloroethene-d2	2.13	63	114189	12.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.00%
20) 2-Butanone-d5	3.93	46	53111	57.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.64%
24) Chloroform-d	4.40	84	148742	20.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.92%
26) 1,2-Dichloroethane-d4	5.08	65	95280	23.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.12%
29) Benzene-d6	5.10	84	289284	19.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.92%
33) 1,2-Dichloropropane-d6	6.12	67	92238	20.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.44%
37) Toluene-d8	7.36	98	265059	18.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.24%
38) trans-1,3-Dichloropropene-	7.66	79	36212	19.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.64%
39) 2-Hexanone-d5	8.13	63	35401	45.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.60%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	96311	23.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	126900	22.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.68%

Target Compounds

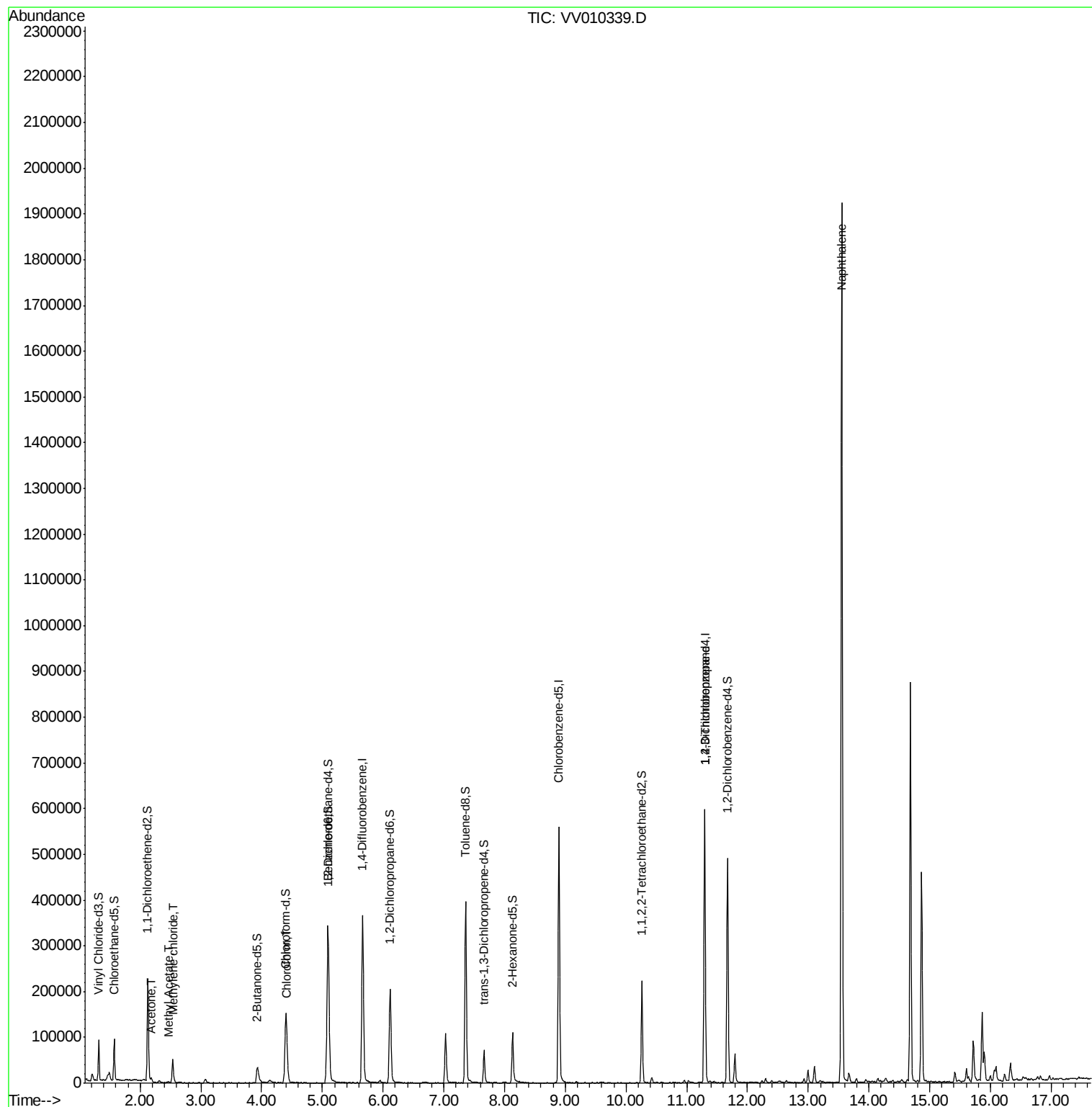
					Qvalue
13) Acetone	2.18	43	4991	5.041 ug/L	93
15) Methyl Acetate	2.46	43	2416	1.370 ug/L	96
16) Methylene chloride	2.54	84	20630	3.312 ug/L	94
25) Chloroform	4.43	83	11607	1.490 ug/L	79
59) 1,2,3-Trichloropropane	11.29	75	18186	6.090 ug/L	93
69) Naphthalene	13.55	128	1427446	215.261 ug/L	99

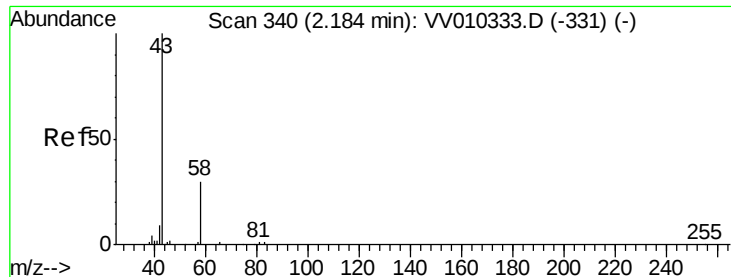
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Apr 16 23:09:02 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.041 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV010339.D

Acq: 16 Apr 2019 18:09

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MSVOA_V

ClientSampleId :

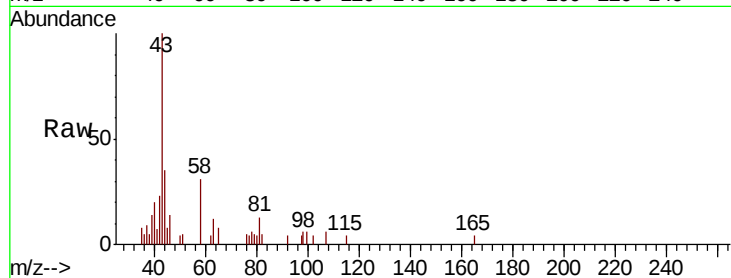
GAHJ7

Tgt Ion: 43 Resp: 4991

Ion Ratio Lower Upper

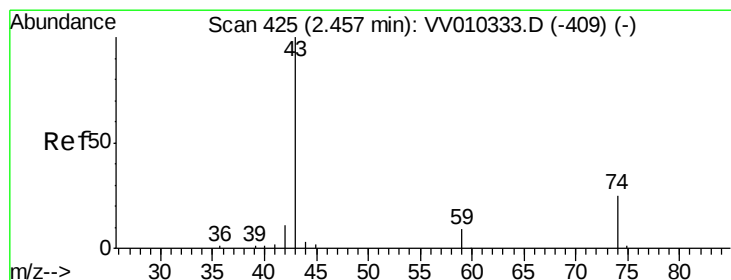
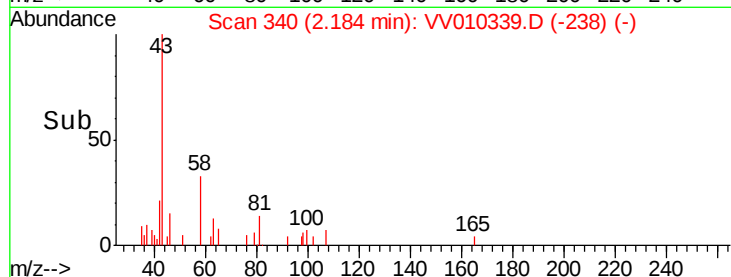
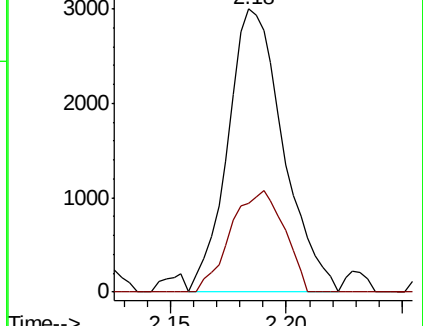
43 100

58 34.6 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010333.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010333.D (-331) (-)



#15

Methyl Acetate

Concen: 1.370 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.01 min

Lab File: VV010339.D

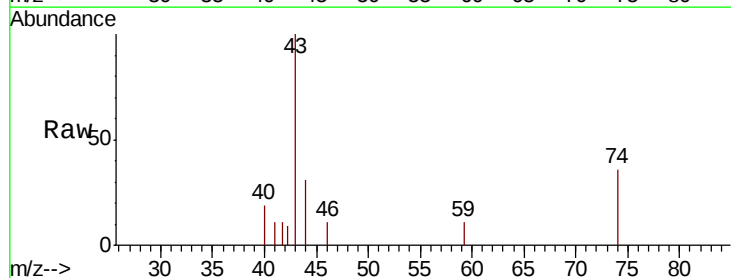
Acq: 16 Apr 2019 18:09

Tgt Ion: 43 Resp: 2416

Ion Ratio Lower Upper

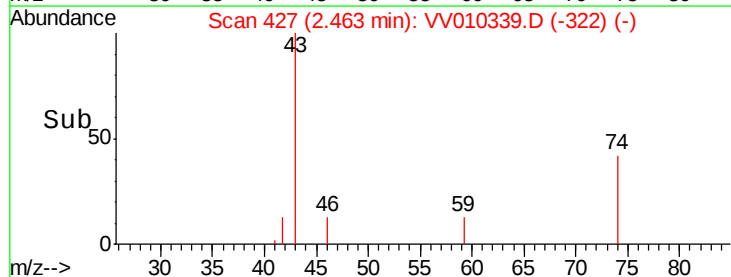
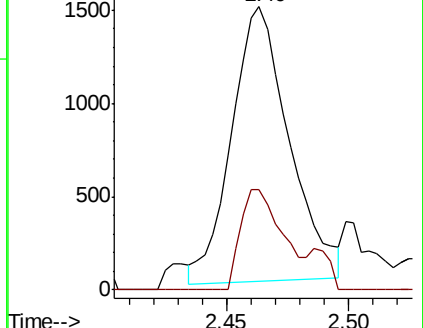
43 100

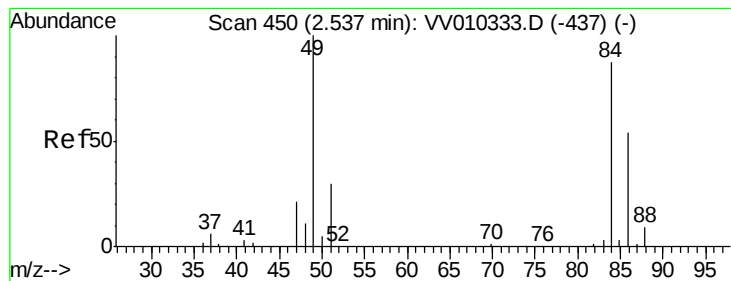
74 25.9 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VV010333.D (-409) (-)

Ion 74.00 (73.70 to 74.70): VV010333.D (-409) (-)





#16

Methylene chloride

Concen: 3.312 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV010339.D

Acq: 16 Apr 2019 18:09

Instrument :

MSVOA_V

ClientSampleId :

GAHJ7

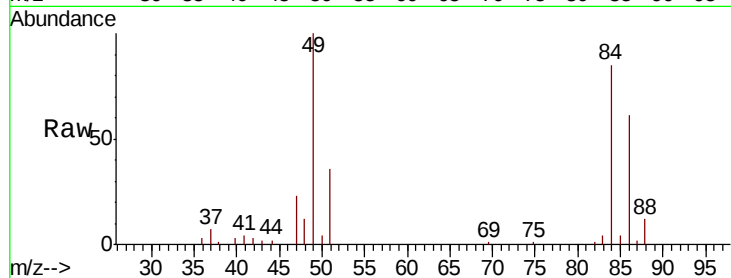
Tgt Ion: 84 Resp: 20630

Ion Ratio Lower Upper

84 100

49 117.9 79.9 148.5

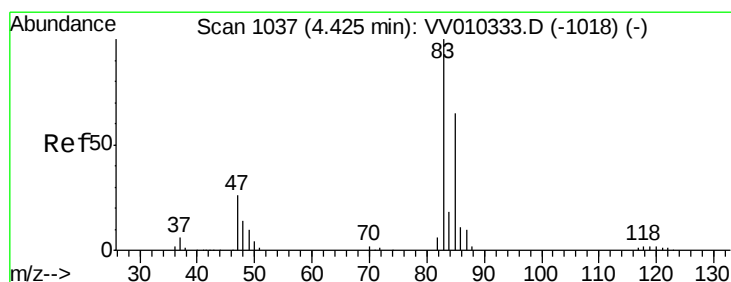
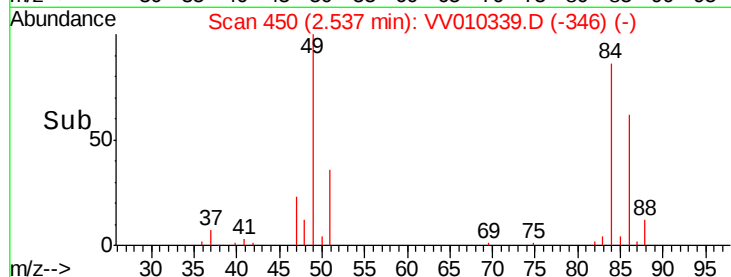
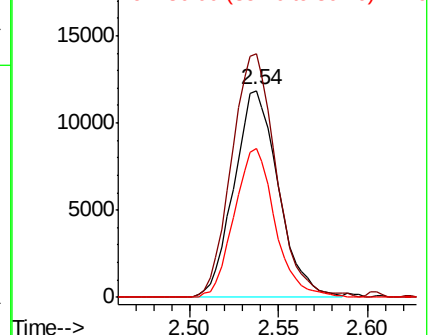
86 71.9 44.5 82.7



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0



#25

Chloroform

Concen: 1.490 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV010339.D

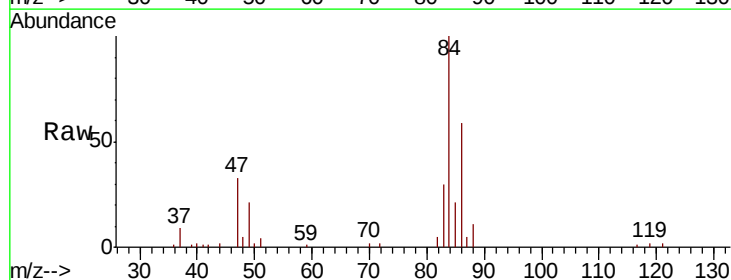
Acq: 16 Apr 2019 18:09

Tgt Ion: 83 Resp: 11607

Ion Ratio Lower Upper

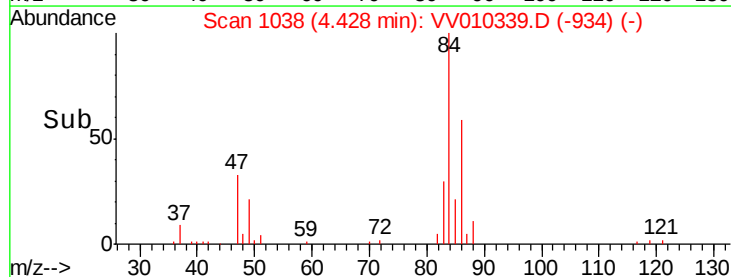
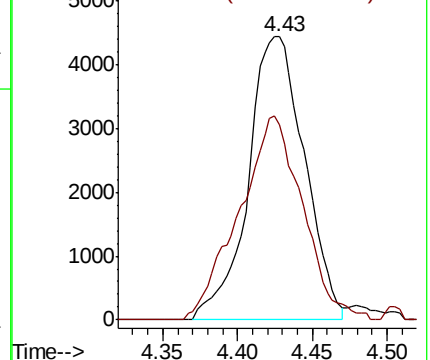
83 100

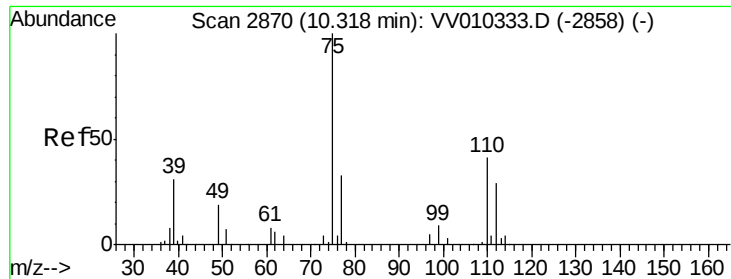
85 81.2 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

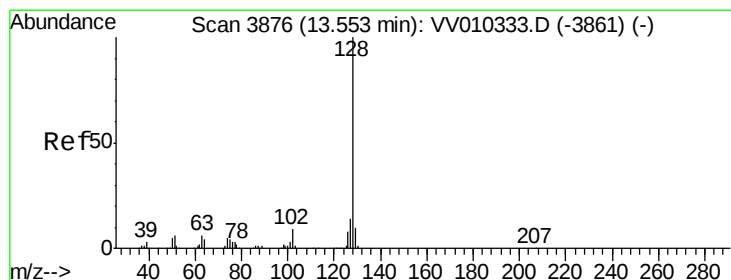
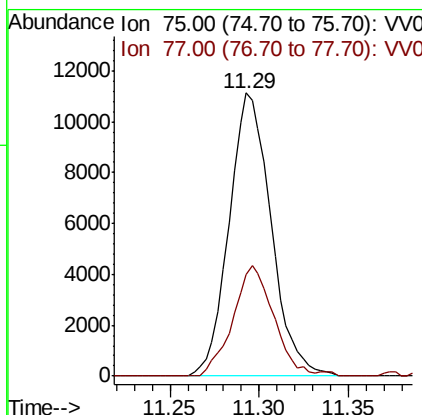
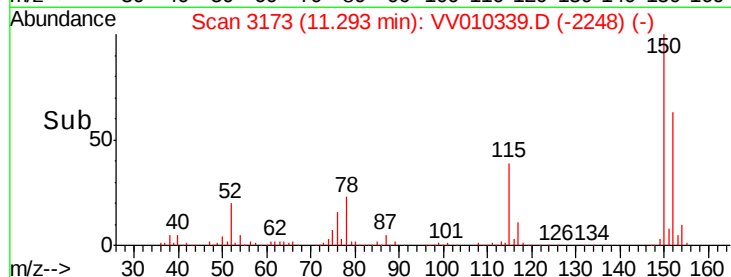
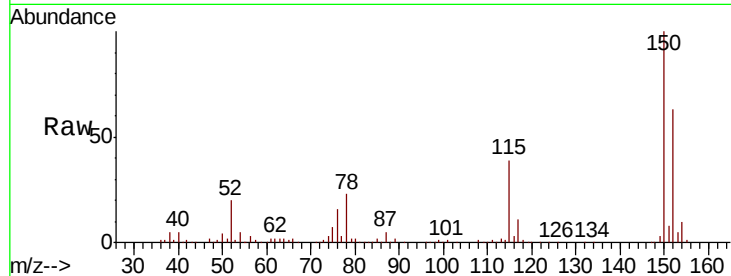




#59
1,2,3-Trichloropropane
Concen: 6.090 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010339.D
Acq: 16 Apr 2019 18:09

Instrument :
MSVOA_V
ClientSampleId :
GAHJ7

Tgt Ion: 75 Resp: 18186
Ion Ratio Lower Upper
75 100
77 37.7 26.9 40.3



#69
Naphthalene
Concen: 215.261 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV010339.D
Acq: 16 Apr 2019 18:09

Tgt Ion: 128 Resp: 1427446
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.3 10.6 15.8

