

Data File : VV010377.D
Acq On : 19 Apr 2019 09:39
Operator : SY/MD
Sample : K2402-07
Misc : 5.07G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHH9

Quant Time: Apr 20 02:30:34 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	18603	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	15487	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	3686	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	5575	23.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	5248	26.45	ug/L	0.03
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.80%
10) 1,1-Dichloroethene-d2	2.14	63	9282	16.29	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.16%
20) 2-Butanone-d5	3.95	46	665	9.04	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	18.08%#
24) Chloroform-d	4.41	84	11771	24.07	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.28%
26) 1,2-Dichloroethane-d4	5.09	65	5910	20.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.88%
29) Benzene-d6	5.10	84	21332	26.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.64%
33) 1,2-Dichloropropane-d6	6.12	67	6405	27.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.44%
37) Toluene-d8	7.37	98	18255	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.80%
38) trans-1,3-Dichloropropene-	7.67	79	1149	10.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	40.28%
39) 2-Hexanone-d5	8.12	63	65	1.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	2.52%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	4342	18.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.84%
61) 1,2-Dichlorobenzene-d4	11.68	152	5002	34.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	138.08%#

Target Compounds

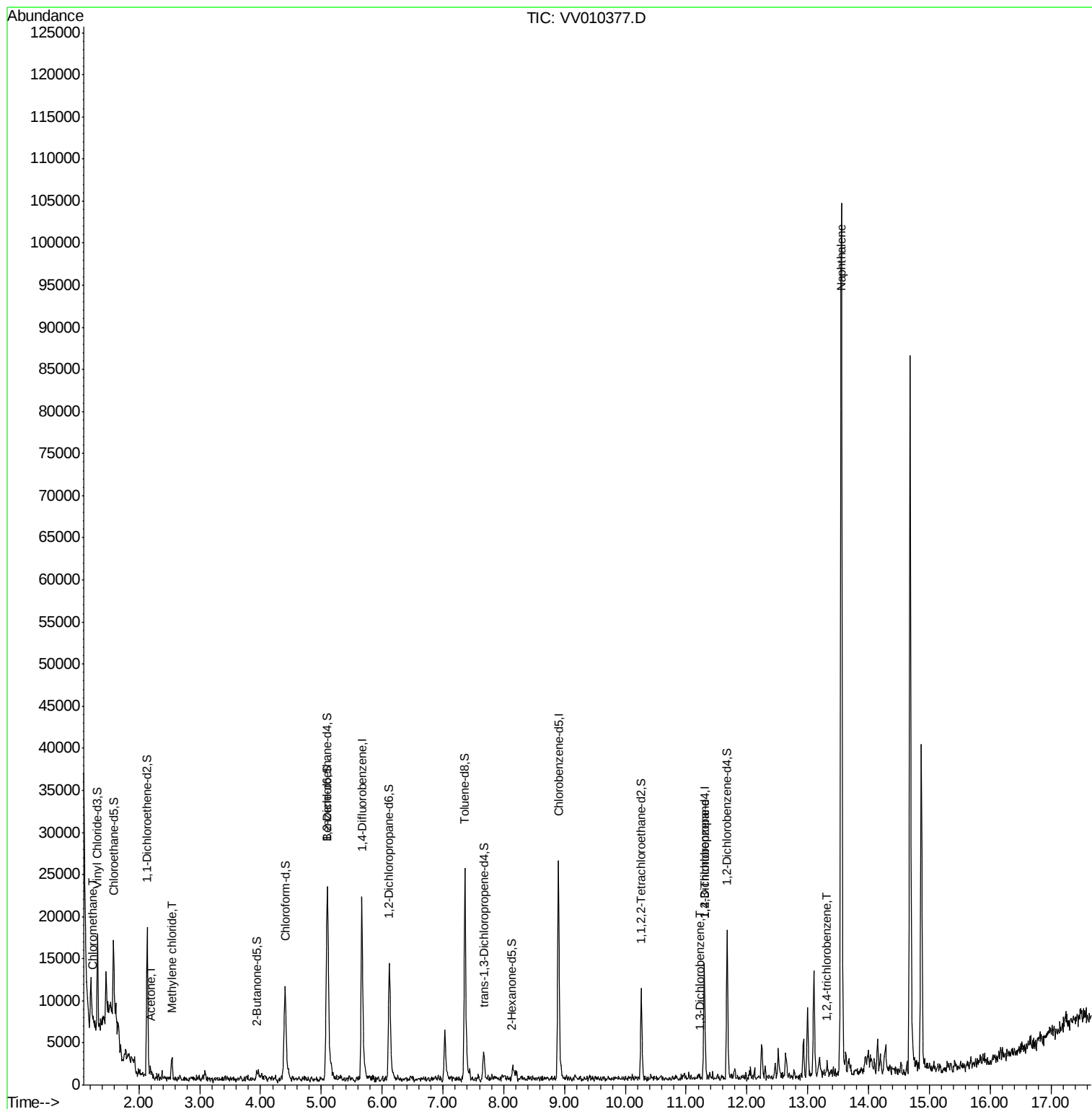
					Qvalue
3) Chloromethane	1.25	50	438	1.786 ug/L #	66
13) Acetone	2.19	43	593	7.638 ug/L	92
16) Methylene chloride	2.54	84	1035	3.483 ug/L	95
59) 1,2,3-Trichloropropane	11.30	75	283	1.731 ug/L #	69
63) 1,3-Dichlorobenzene	11.24	146	127	0.565 ug/L #	25
68) 1,2,4-trichlorobenzene	13.31	180	63	0.422 ug/L #	69
69) Naphthalene	13.55	128	83454	302.439 ug/L	98

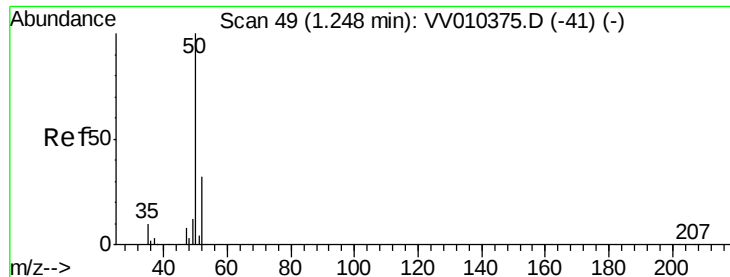
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.786 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.01 min

Lab File: VV010377.D

Acq: 19 Apr 2019 09:39

Instrument :

MSVOA_V

ClientSampled :

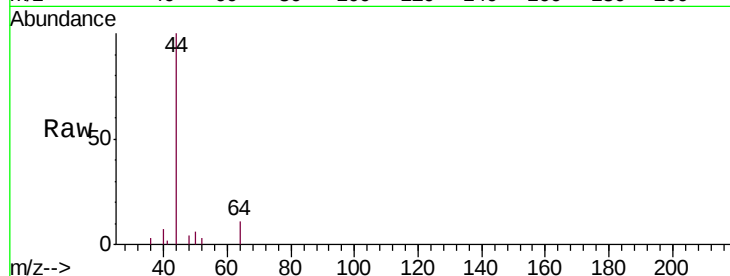
GAHH9

Tgt Ion: 50 Resp: 438

Ion Ratio Lower Upper

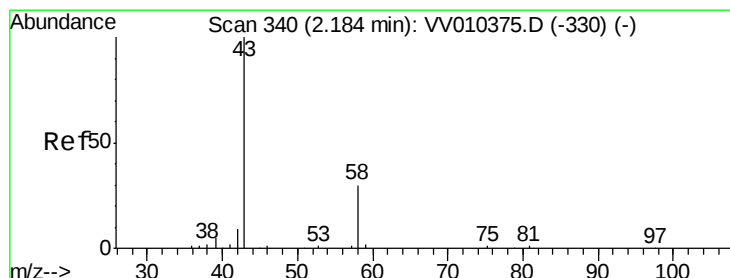
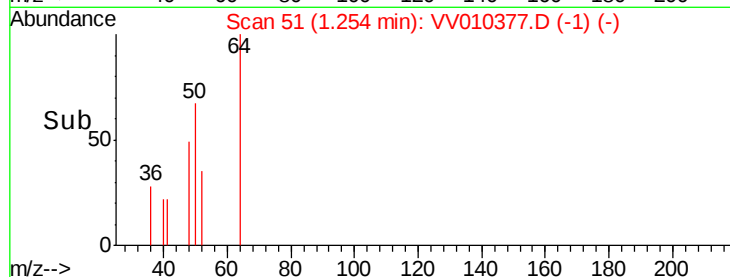
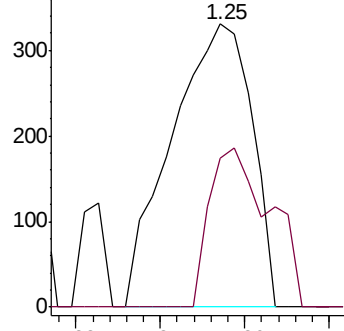
50 100

52 52.6 23.2 43.2#



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0



#13

Acetone

Concen: 7.638 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV010377.D

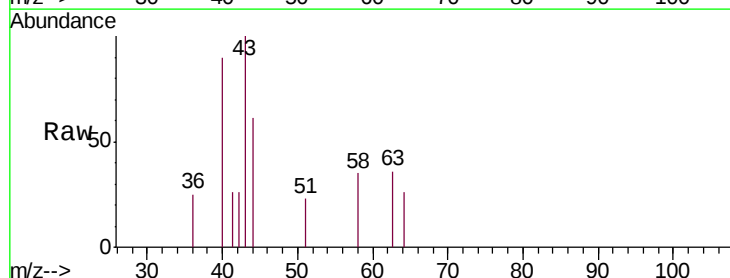
Acq: 19 Apr 2019 09:39

Tgt Ion: 43 Resp: 593

Ion Ratio Lower Upper

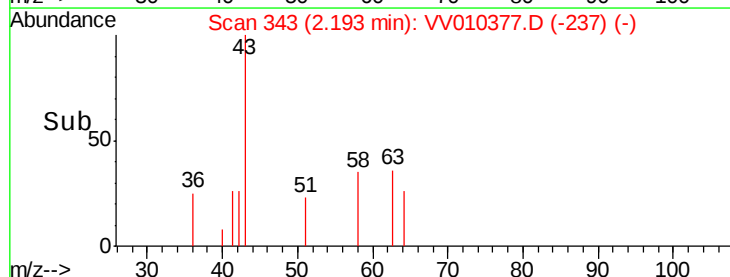
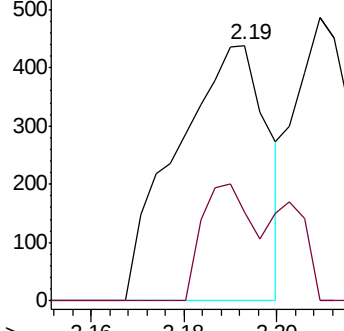
43 100

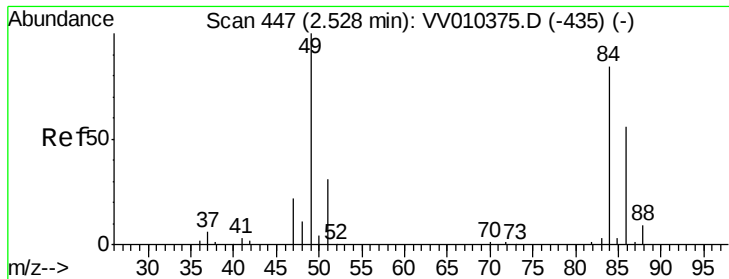
58 25.8 0.0 60.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

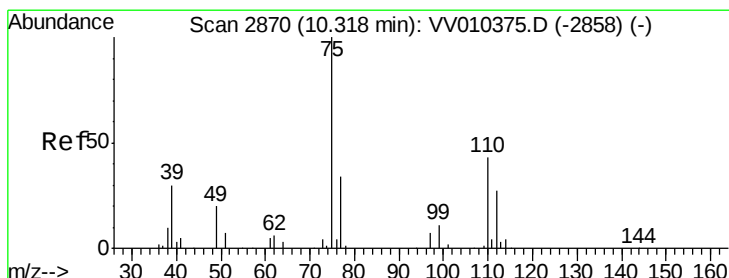
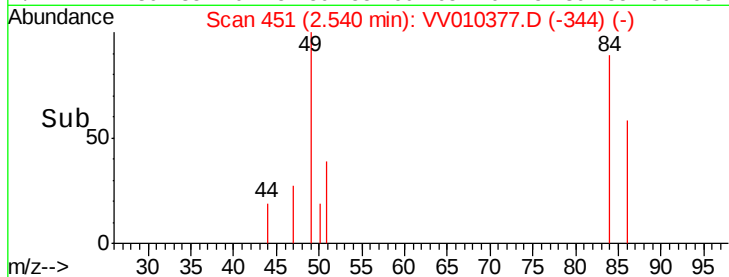
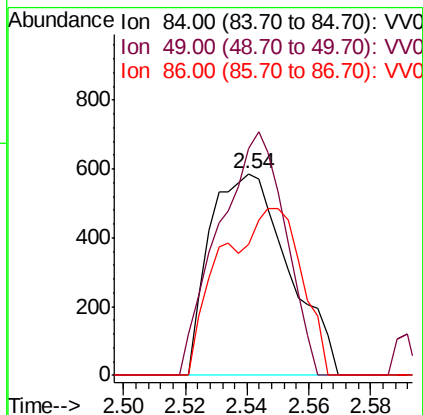
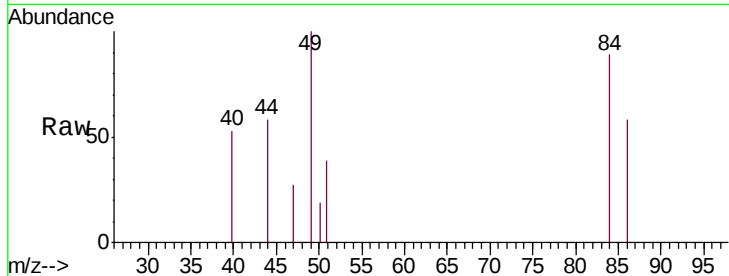




#16
Methylene chloride
Concen: 3.483 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV010377.D
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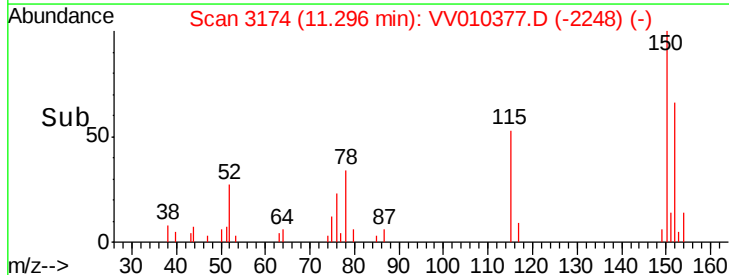
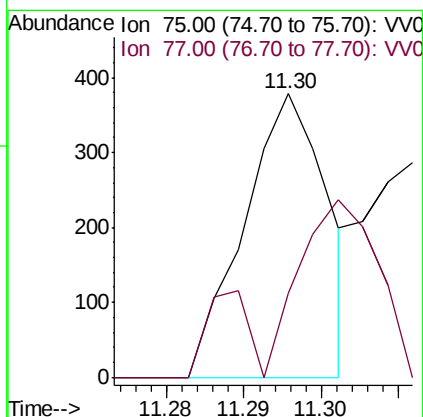
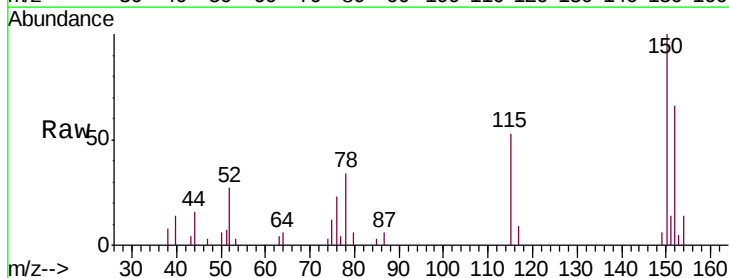
Instrument :
MSVOA_V
ClientSampleId :
GAHH9

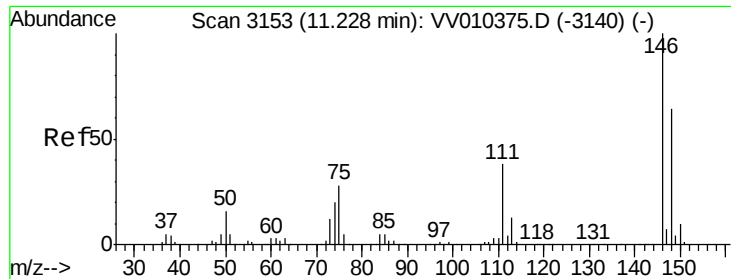
Tgt Ion: 84 Resp: 1035
Ion Ratio Lower Upper
84 100
49 112.4 83.8 155.6
86 65.1 46.1 85.5



#59
1,2,3-Trichloropropane
Concen: 1.731 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010377.D
Acq: 19 Apr 2019 09:39

Tgt Ion: 75 Resp: 283
Ion Ratio Lower Upper
75 100
77 15.2 25.8 38.8#





#63

1,3-Dichlorobenzene

Concen: 0.565 ug/L

RT: 11.24 min Scan# 3156

Delta R.T. 0.01 min

Lab File: VV010377.D

Acq: 19 Apr 2019 09:39

Instrument :

MSVOA_V

ClientSampleId :

GAHH9

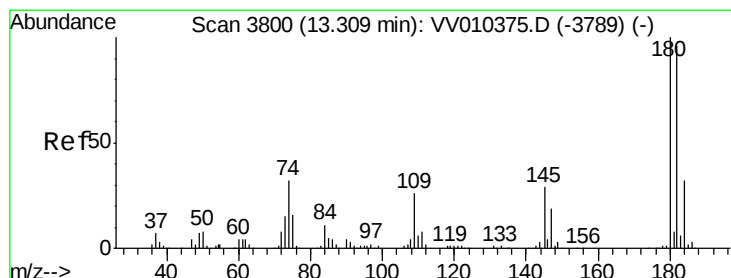
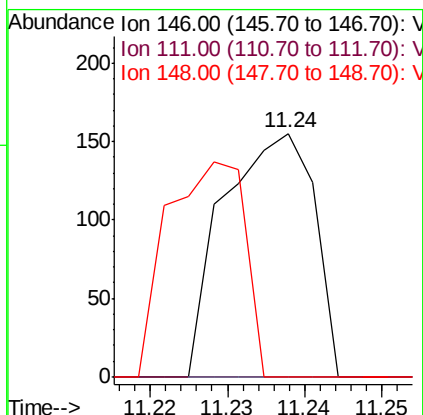
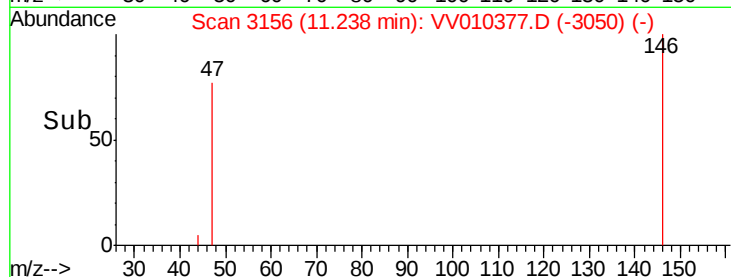
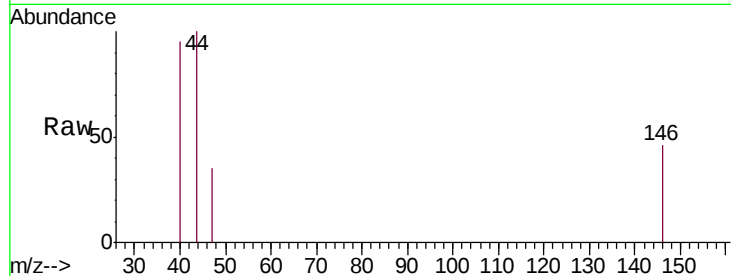
Tgt Ion:146 Resp: 127

Ion Ratio Lower Upper

146 100

111 0.0 27.6 51.4#

148 0.0 45.3 84.1#



#68

1,2,4-trichlorobenzene

Concen: 0.422 ug/L

RT: 13.31 min Scan# 3799

Delta R.T. -0.00 min

Lab File: VV010377.D

Acq: 19 Apr 2019 09:39

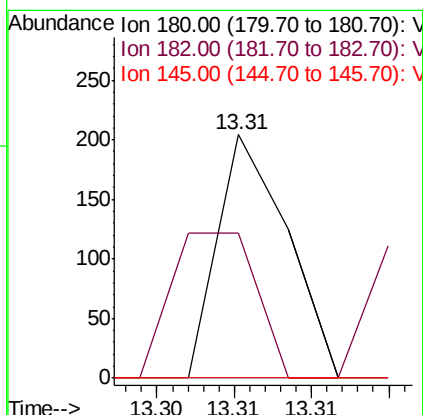
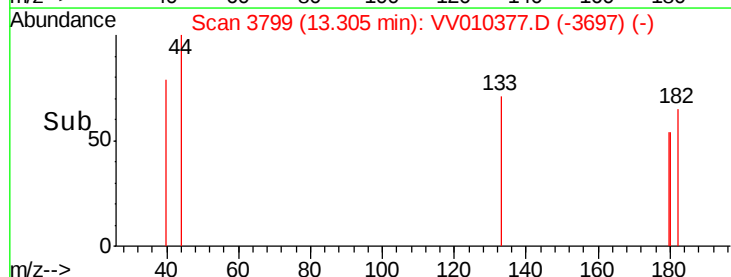
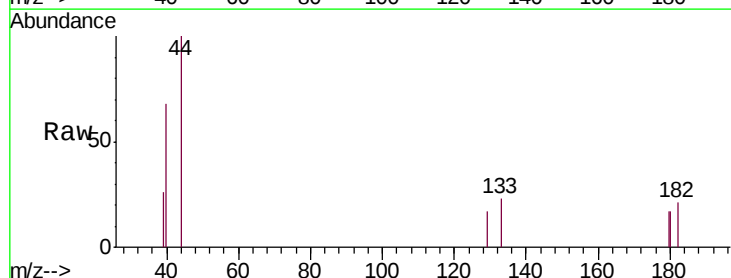
Tgt Ion:180 Resp: 63

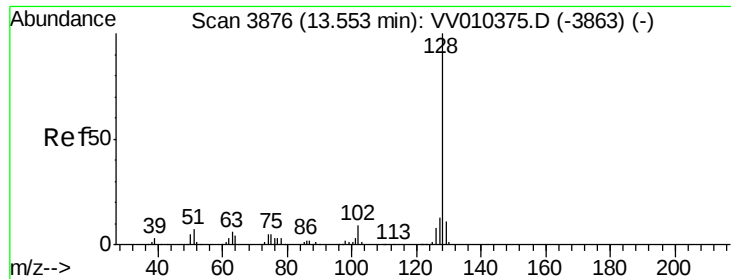
Ion Ratio Lower Upper

180 100

182 74.6 77.3 115.9#

145 0.0 24.5 36.7#





#69

Naphthalene

Concen: 302.439 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. -0.00 min

Lab File: VV010377.D

Acq: 19 Apr 2019 09:39

Instrument :

MSVOA_V

ClientSampleId :

GAHH9

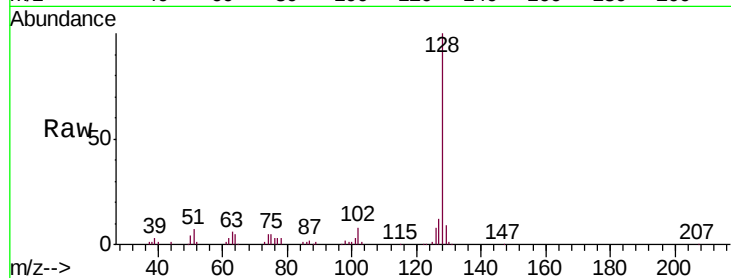
Tgt Ion:128 Resp: 83454

Ion Ratio Lower Upper

128 100

129 10.1 8.7 13.1

127 12.8 10.7 16.1



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

