

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010371.D
 Acq On : 19 Apr 2019 03:21
 Operator : SY/MD
 Sample : K2402-07
 Misc : 5.04G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHH9

Quant Time: Apr 19 09:27:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 09:02:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/L	-5.66
28) Chlorobenzene-d5	8.88	117	44	25.00	ug/L	-0.02
60) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/L	-11.30

System Monitoring Compounds

4) Vinyl Chloride-d3	0.00	65	0	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.00%#
7) Chloroethane-d5	1.61	69	69	0.00	ug/L	0.05
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.00%#
10) 1,1-Dichloroethene-d2	0.00	63	0	0.00	ug/L	
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.00%#
20) 2-Butanone-d5	0.00	46	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
24) Chloroform-d	0.00	84	0	0.00	ug/L	
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.00%#
26) 1,2-Dichloroethane-d4	5.16	65	44	0.00	ug/L	0.08
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.00%#
29) Benzene-d6	4.93	84	43	19.09	ug/L	-0.16
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.36%
33) 1,2-Dichloropropane-d6	0.00	67	0	0.00	ug/L	
Spiked Amount	25.000	Range	70 - 120	Recovery	=	0.00%#
37) Toluene-d8	0.00	98	0	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 130	Recovery	=	0.00%#
38) trans-1,3-Dichloropropene-	0.00	79	0	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 135	Recovery	=	0.00%#
39) 2-Hexanone-d5	8.14	63	75	511.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1022.02%#
48) 1,1,2,2-Tetrachloroethane-	0.00	84	0	0.00	ug/L	
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.00%#
61) 1,2-Dichlorobenzene-d4	0.00	152	0	0.00	ug/L	
Spiked Amount	25.000	Range	75 - 120	Recovery	=	0.00%#

Target Compounds

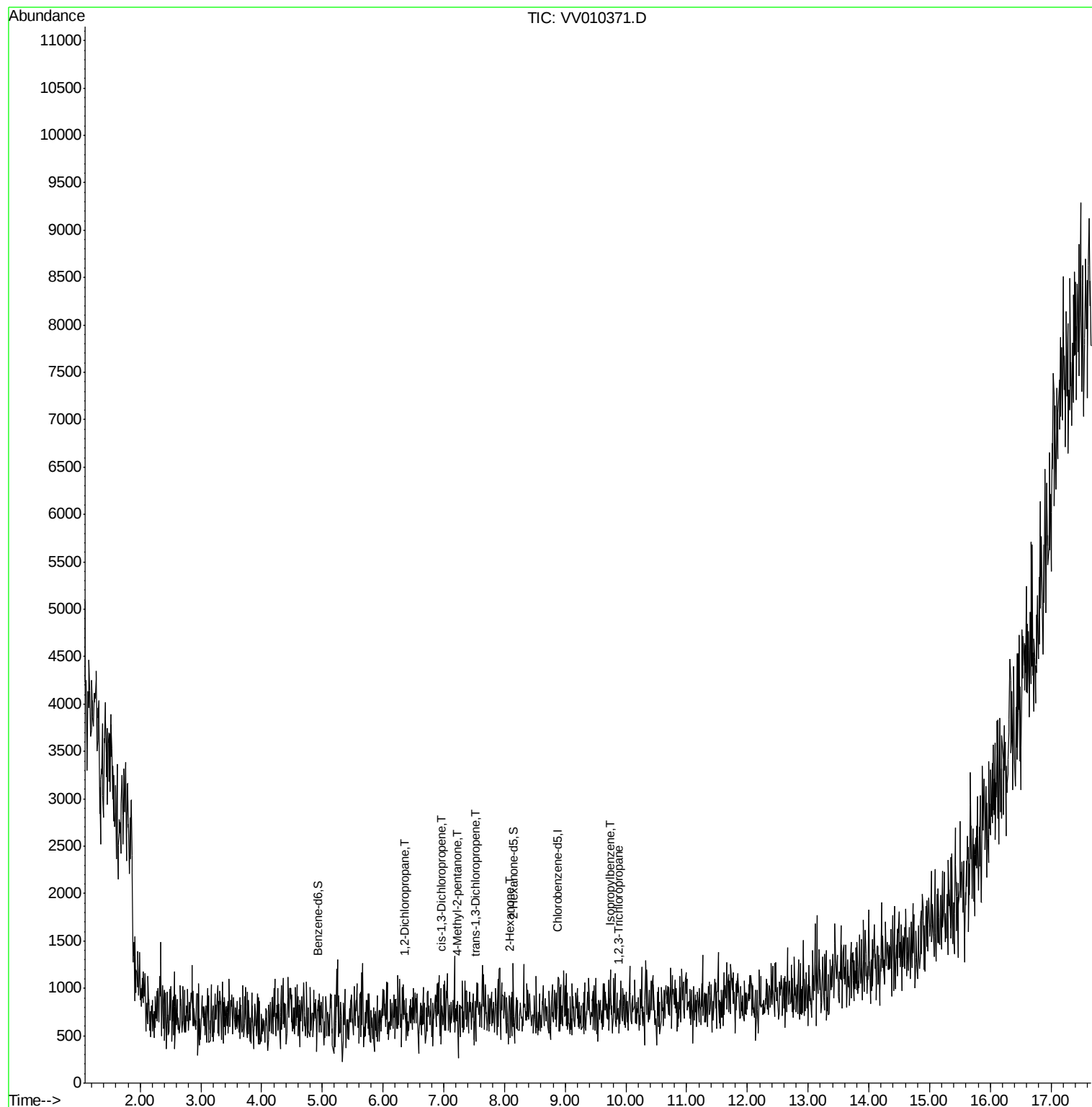
					Ovalue
40) 1,2-Dichloropropane	6.36	63	47	85.346 ug/L #	86
42) cis-1,3-Dichloropropene	6.97	75	45	54.179 ug/L #	45
43) 4-Methyl-2-pentanone	7.22	43	64	148.748 ug/L #	45
45) trans-1,3-Dichloropropene	7.51	75	47	60.694 ug/L #	44
49) 2-Hexanone	8.09	43	42	139.460 ug/L #	37
57) Isopropylbenzene	9.74	105	44	16.084 ug/L #	53
59) 1,2,3-Trichloropropane	9.88	75	44	94.716 ug/L #	42

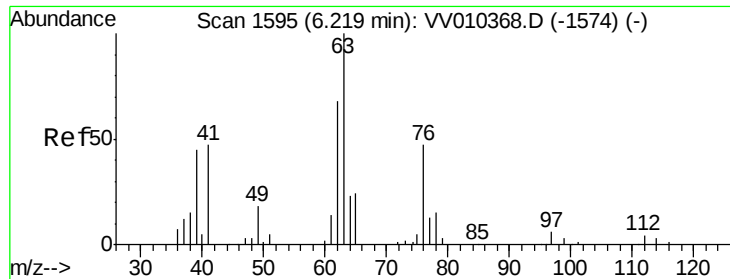
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 19 09:02:02 2019
Response via : Initial Calibration

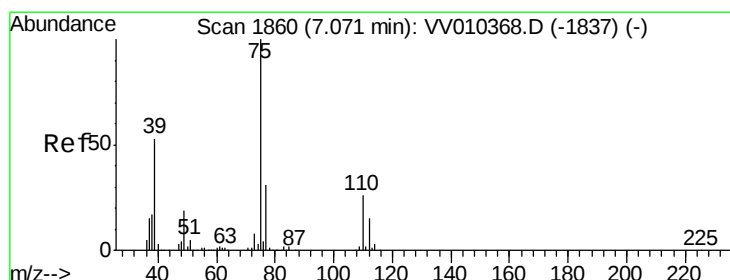
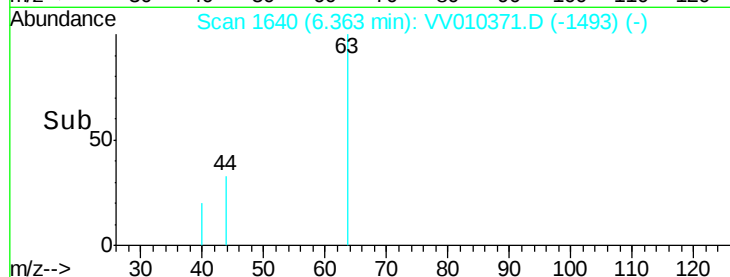
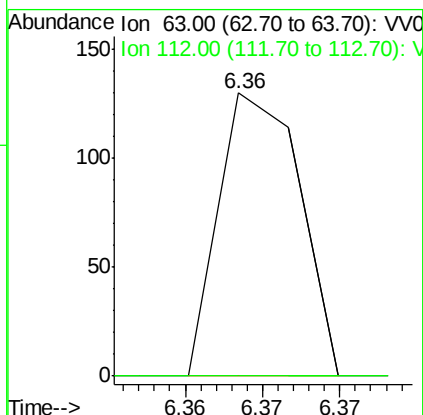
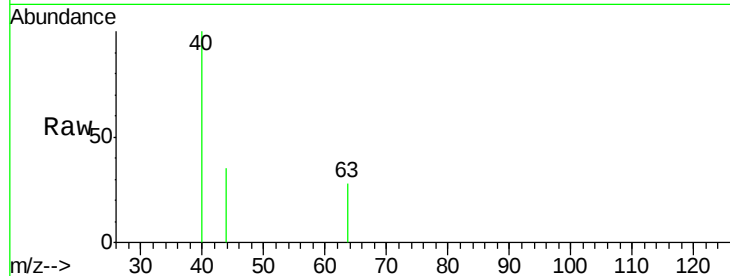




#40
 1,2-Dichloropropane
 Concen: 85.346 ug/L
 RT: 6.36 min Scan# 1640
 Delta R.T. 0.14 min
 Lab File: VV010371.D
 Acq: 19 Apr 2019 03:21

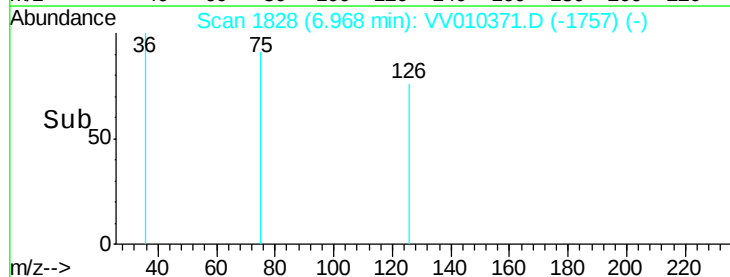
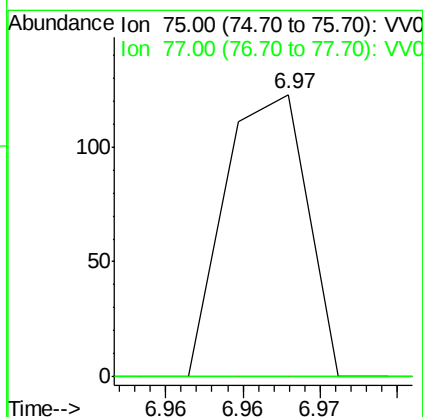
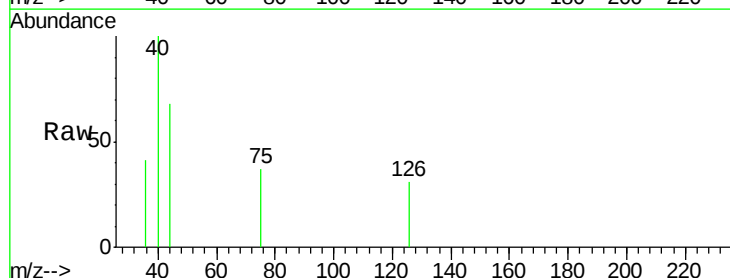
Instrument :
 MSVOA_V
 ClientSampled :
 GAHH9

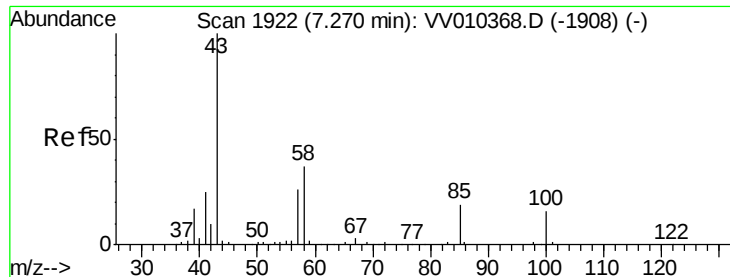
Tot Ion: 63 Resp: 47
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#42
 cis-1,3-Dichloropropene
 Concen: 54.179 ug/L
 RT: 6.97 min Scan# 1828
 Delta R.T. -0.10 min
 Lab File: VV010371.D
 Acq: 19 Apr 2019 03:21

Tgt Ion: 75 Resp: 45
 Ion Ratio Lower Upper
 75 100
 77 0.0 21.1 39.1#

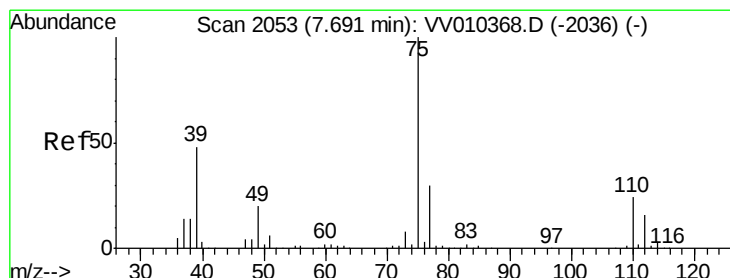
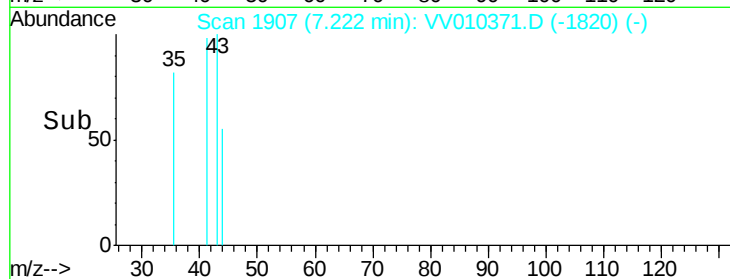
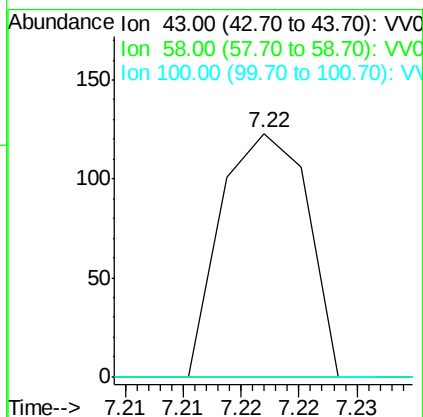
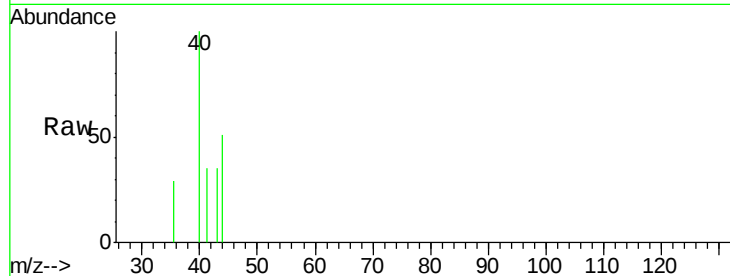




#43
4-Methyl-2-pentanone
Concen: 148.748 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.05 min
Lab File: VV010371.D
Acq: 19 Apr 2019 03:21

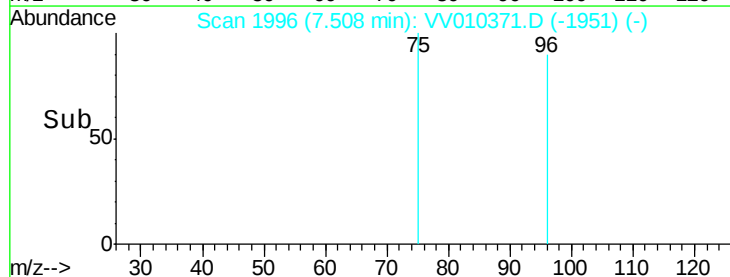
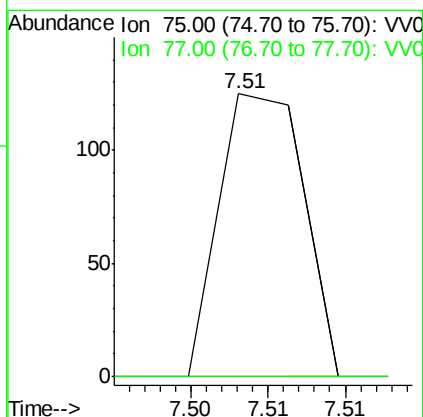
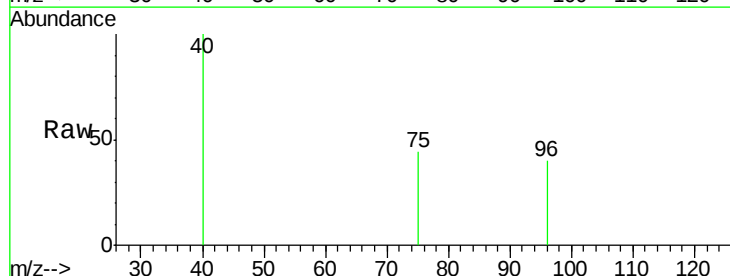
Instrument :
MSVOA_V
ClientSampleId :
GAHH9

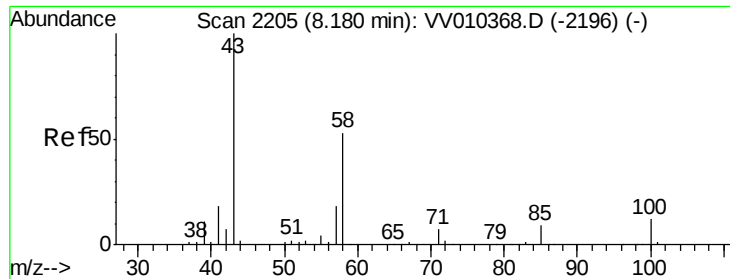
Tot Ion	43	58	100	Resp	64
Ion Ratio	100	0.0	0.0	Lower	Upper
		30.0	12.6	45.0#	19.0#



#45
trans-1,3-Dichloropropene
Concen: 60.694 ug/L
RT: 7.51 min Scan# 1996
Delta R.T. -0.19 min
Lab File: VV010371.D
Acq: 19 Apr 2019 03:21

Tgt Ion	75	77	Resp	47
Ion Ratio	100	0.0	Lower	Upper
		21.7	40.3#	





#49

2-Hexanone

Concen: 139.460 ug/L

RT: 8.09 min Scan# 2177

Delta R.T. -0.09 min

Lab File: VV010371.D

Acq: 19 Apr 2019 03:21

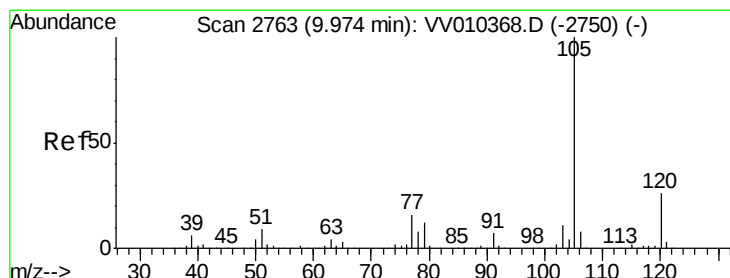
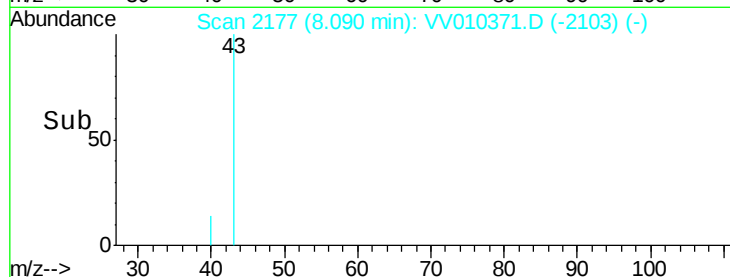
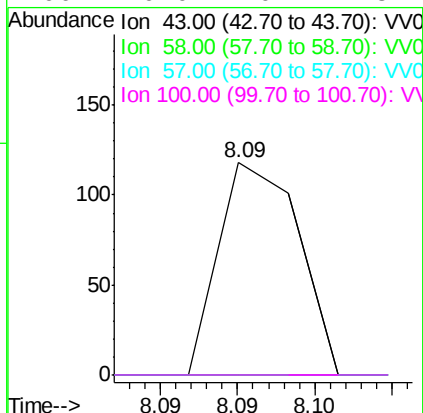
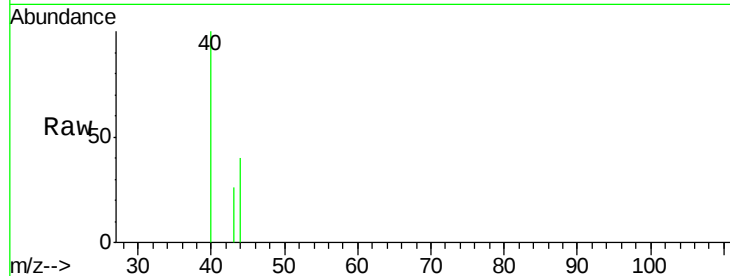
Instrument :

MSVOA_V

ClientSampleId :

GAHH9

Tot Ion:	43	Resp:	42
Ion	Ratio	Lower	Upper
43	100		
58	0.0	44.9	67.3#
57	0.0	15.8	23.6#
100	0.0	10.1	15.1#



#57

Isopropylbenzene

Concen: 16.084 ug/L

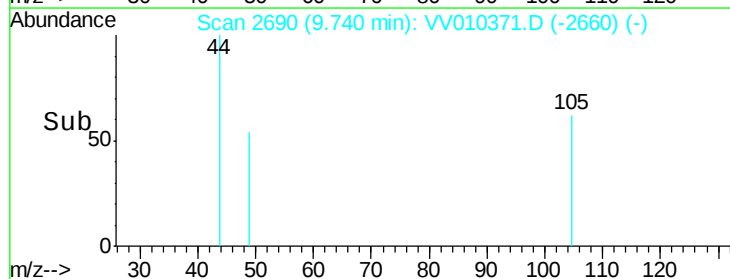
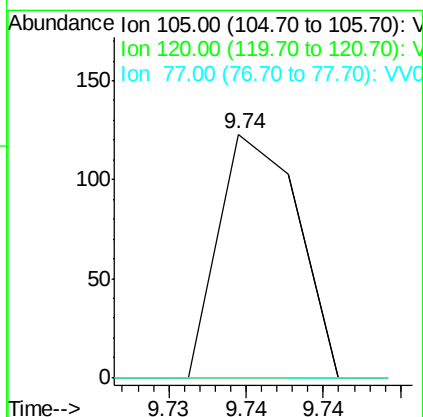
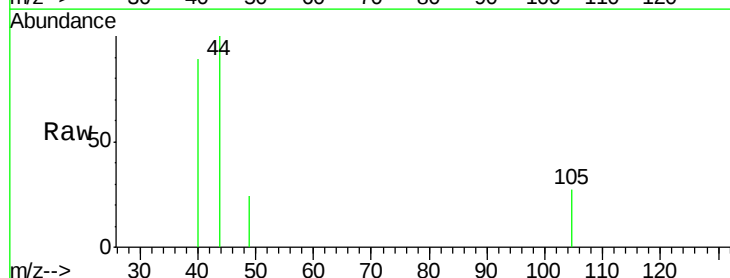
RT: 9.74 min Scan# 2690

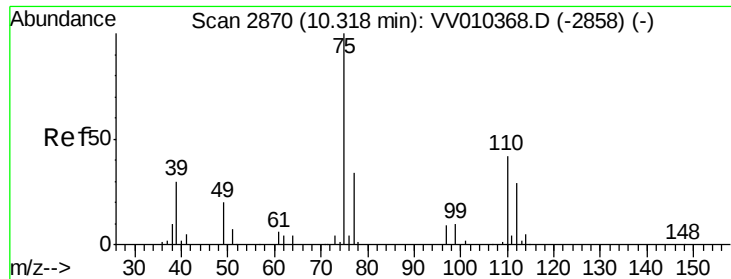
Delta R.T. -0.23 min

Lab File: VV010371.D

Acq: 19 Apr 2019 03:21

Tgt Ion:	105	Resp:	44
Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.9	32.9#
77	0.0	13.0	19.6#





#59

1,2,3-Trichloropropane

Concen: 94.716 ug/L

RT: 9.88 min Scan# 2733

Delta R.T. -0.44 min

Lab File: VV010371.D

Acq: 19 Apr 2019 03:21

Instrument :

MSVOA_V

ClientSampleId :

GAHH9

Tot Ion: 75 Resp: 44

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#

