

Data File : VV010009.D
Acq On : 29 Mar 2019 18:39
Operator : SY/MD
Sample : K2149-05
Misc : 4.70G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5H4

Quant Time: Mar 30 04:18:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	125540	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	115796	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41832	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53480	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.96%
7) Chloroethane-d5	1.57	69	62710	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.16%
10) 1,1-Dichloroethene-d2	2.12	63	121294	17.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.64%
20) 2-Butanone-d5	3.93	46	25082	52.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.66%
24) Chloroform-d	4.40	84	64286	20.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.40%
26) 1,2-Dichloroethane-d4	5.08	65	48547	25.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.88%
29) Benzene-d6	5.10	84	148295	24.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.56%
33) 1,2-Dichloropropane-d6	6.12	67	47693	26.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.24%
37) Toluene-d8	7.36	98	126549	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.96%
38) trans-1,3-Dichloropropene-	7.66	79	15068	20.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.80%
39) 2-Hexanone-d5	8.13	63	16665	50.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.36%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	43160	24.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.00%
61) 1,2-Dichlorobenzene-d4	11.67	152	38166	23.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.84%

Target Compounds

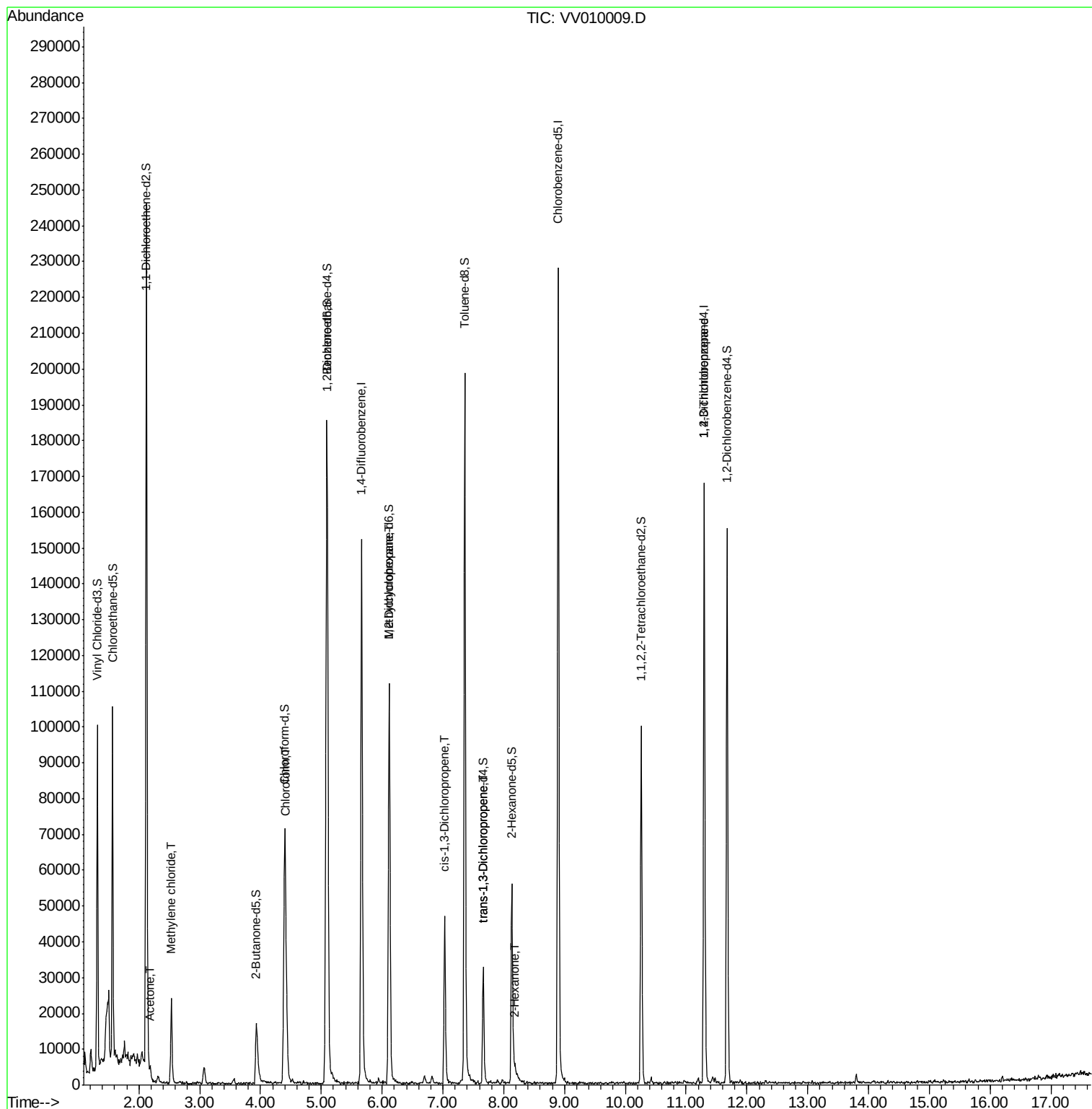
					Qvalue
13) Acetone	2.19	43	2598	3.615 ug/L	93
16) Methylene chloride	2.53	84	9087	4.395 ug/L	88
25) Chloroform	4.42	83	8702	2.616 ug/L #	40
36) Methylcyclohexane	6.12	83	11598	4.407 ug/L #	20
42) cis-1,3-Dichloropropene	7.03	75	1372	0.592 ug/L #	70
45) trans-1,3-Dichloropropene	7.67	75	905	0.477 ug/L	93
49) 2-Hexanone	8.19	43	1249	1.630 ug/L #	61
59) 1,2,3-Trichloropropane	11.30	75	6778	5.302 ug/L	96

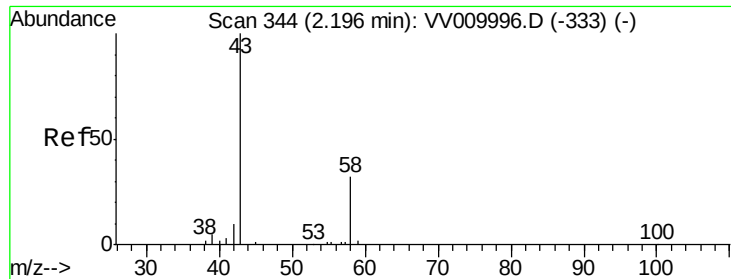
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.615 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV010009.D

Acq: 29 Mar 2019 18:39

Instrument :

MSVOA_V

ClientSampleId :

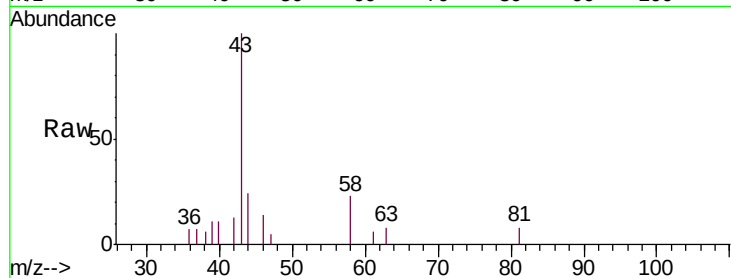
BF5H4

Tgt Ion: 43 Resp: 2598

Ion Ratio Lower Upper

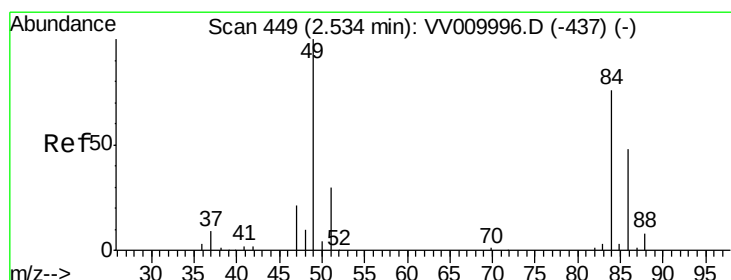
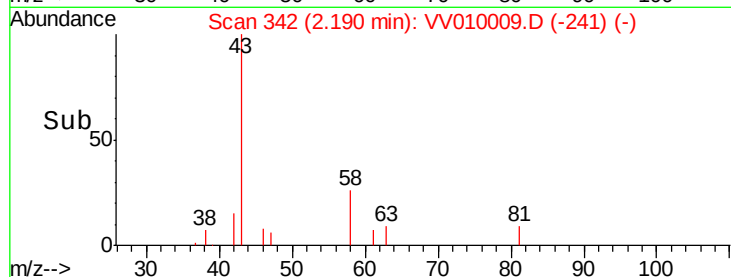
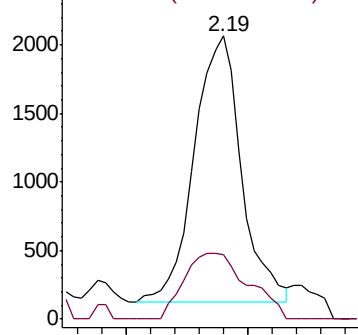
43 100

58 33.4 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 4.395 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010009.D

Acq: 29 Mar 2019 18:39

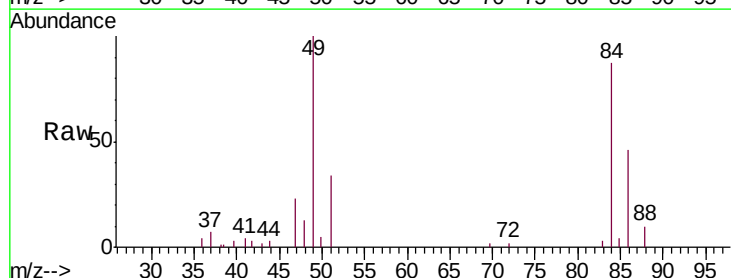
Tgt Ion: 84 Resp: 9087

Ion Ratio Lower Upper

84 100

49 115.4 90.4 167.8

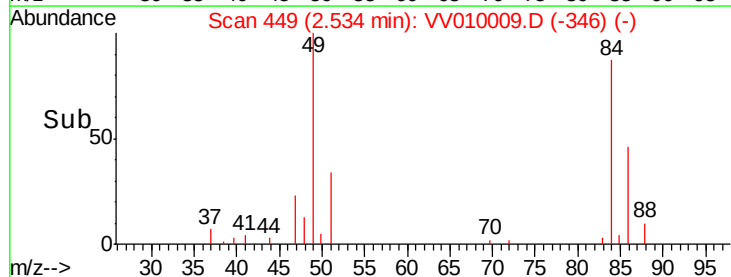
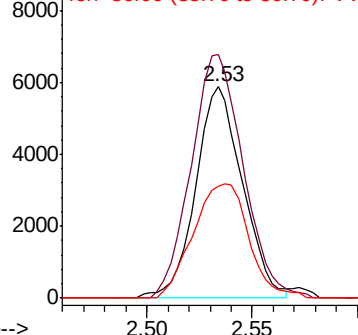
86 52.7 44.0 81.6

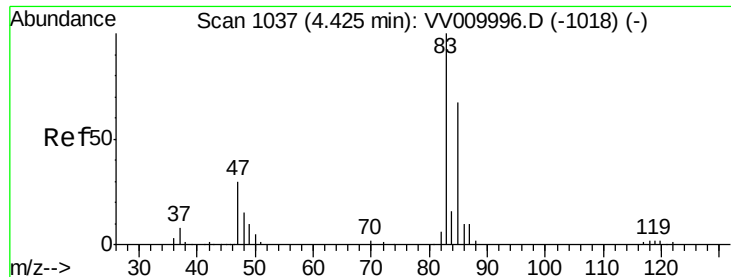


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

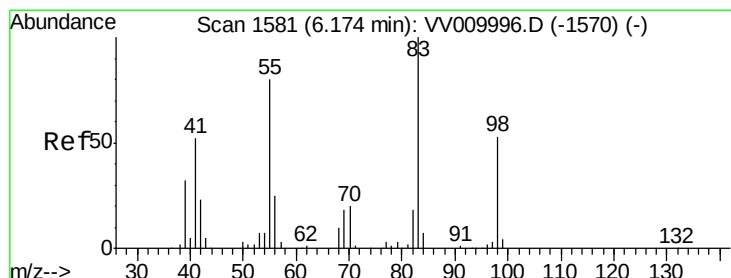
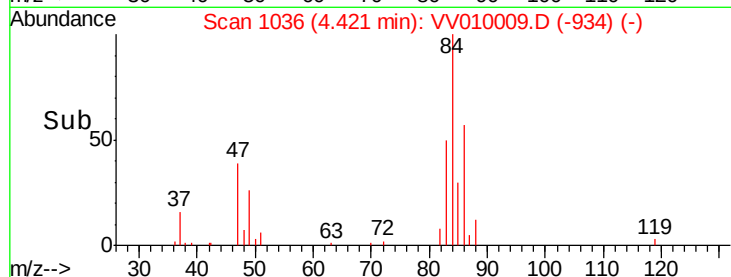
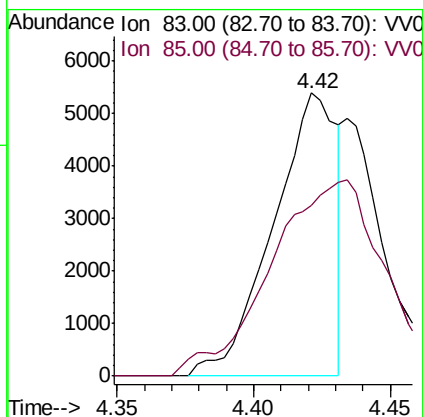
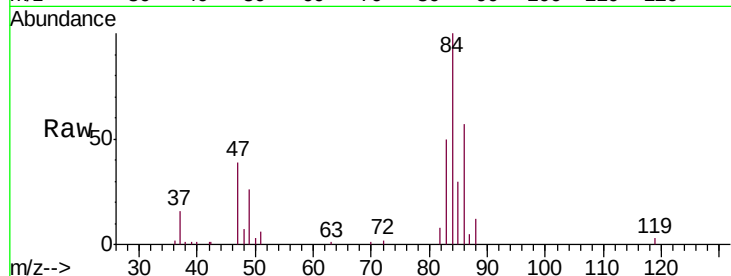




#25
Chloroform
Concen: 2.616 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010009.D
Acq: 29 Mar 2019 18:39

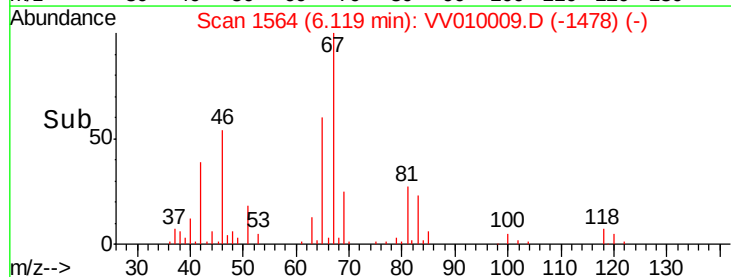
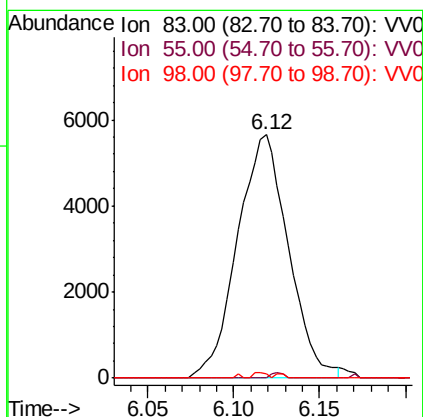
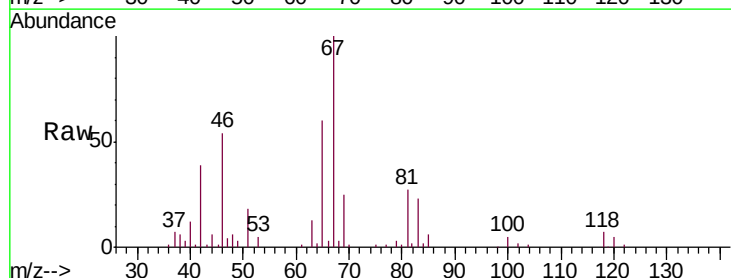
Instrument :
MSVOA_V
ClientSampled :
BF5H4

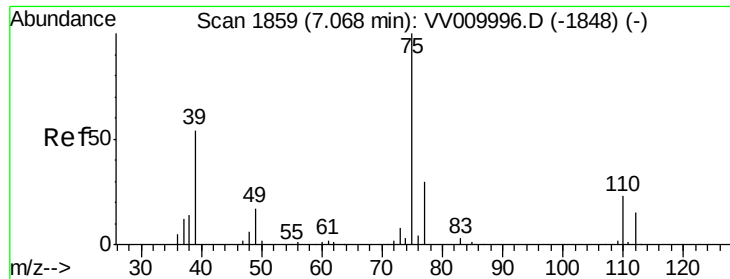
Tgt Ion: 83 Resp: 8702
Ion Ratio Lower Upper
83 100
85 113.7 46.1 85.7#



#36
Methylcyclohexane
Concen: 4.407 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010009.D
Acq: 29 Mar 2019 18:39

Tgt Ion: 83 Resp: 11598
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.6 39.2 58.8#



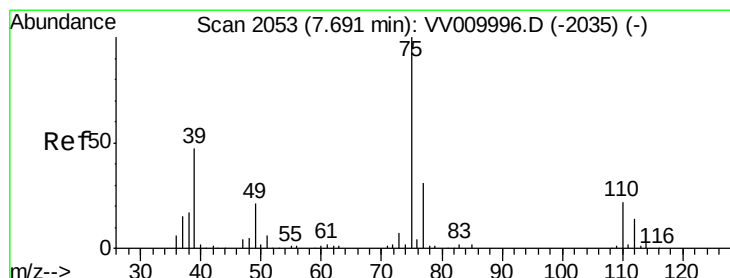
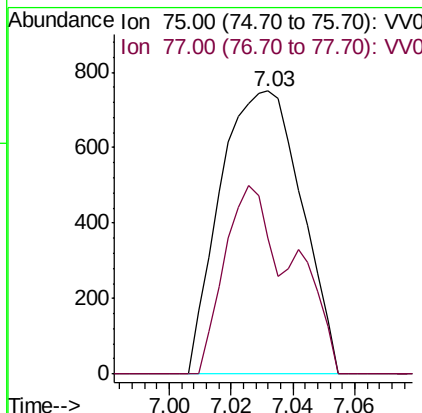
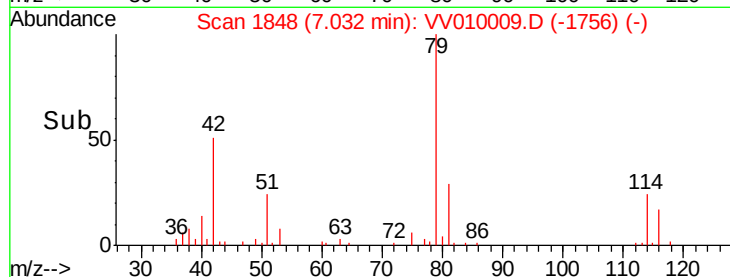
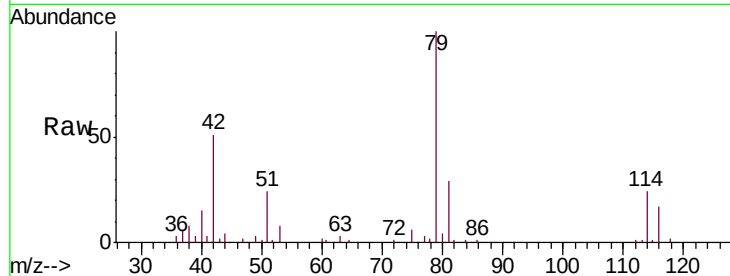


#42

cis-1,3-Dichloropropene
Concen: 0.592 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV010009.D
Acq: 29 Mar 2019 18:39

Instrument :
MSVOA_V
ClientSampled :
BF5H4

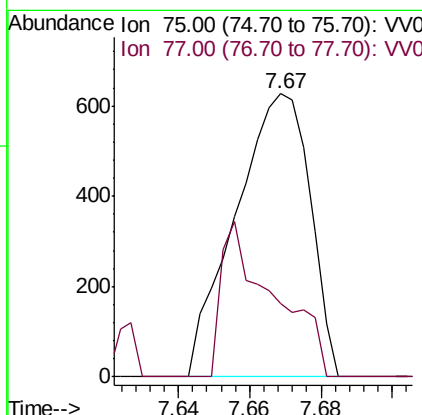
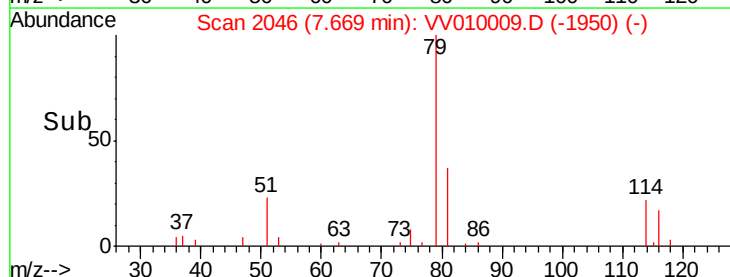
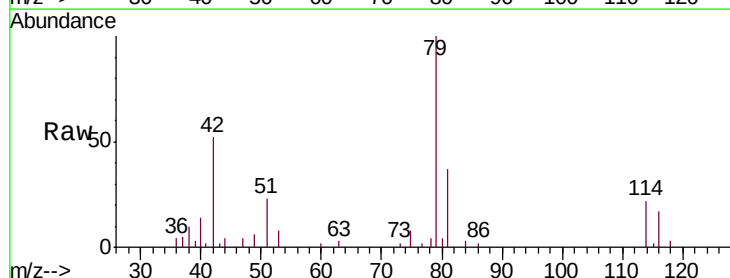
Tgt Ion: 75 Resp: 1372
Ion Ratio Lower Upper
75 100
77 48.0 21.8 40.6#

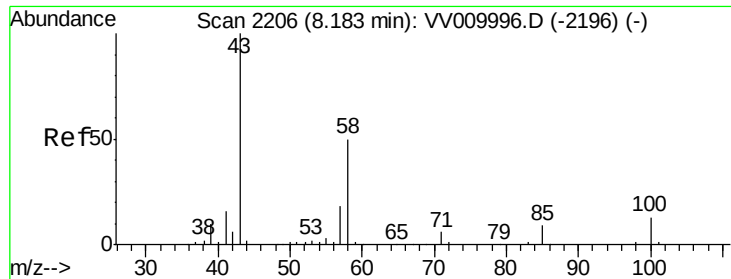


#45

trans-1,3-Dichloropropene
Concen: 0.477 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.02 min
Lab File: VV010009.D
Acq: 29 Mar 2019 18:39

Tgt Ion: 75 Resp: 905
Ion Ratio Lower Upper
75 100
77 26.0 20.7 38.5

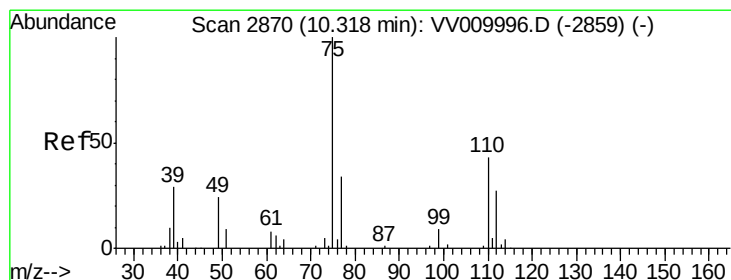
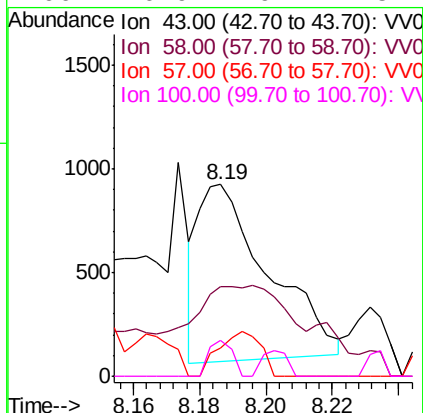
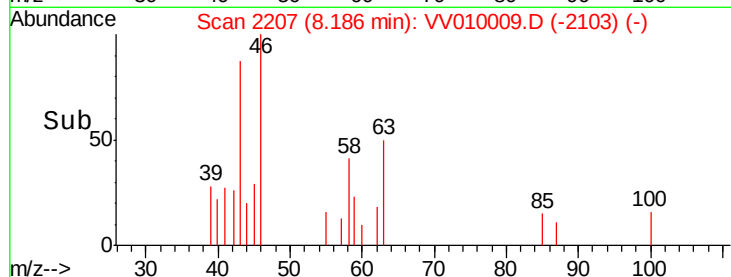
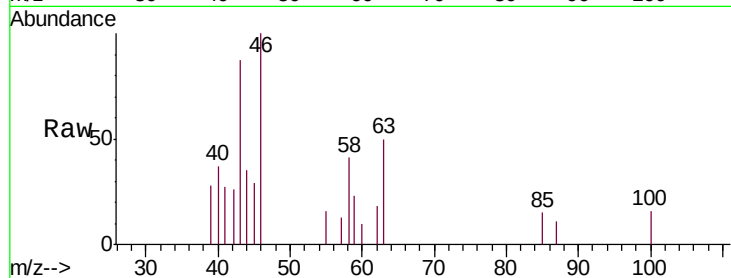




#49
2-Hexanone
Concen: 1.630 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV010009.D
Acq: 29 Mar 2019 18:39

Instrument :
MSVOA_V
ClientSampled :
BF5H4

Tgt Ion: 43 Resp: 1249
Ion Ratio Lower Upper
43 100
58 13.1 42.0 63.0#
57 15.1 12.9 19.3
100 6.9 9.1 13.7#



#59
1,2,3-Trichloropropane
Concen: 5.302 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV010009.D
Acq: 29 Mar 2019 18:39

Tgt Ion: 75 Resp: 6778
Ion Ratio Lower Upper
75 100
77 35.0 26.2 39.2

