

Data File : VV010007.D
Acq On : 29 Mar 2019 17:47
Operator : SY/MD
Sample : K2020-06
Misc : 3.39G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5C9RE

Quant Time: Mar 30 04:17:58 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	136390	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	115303	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	33911	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67012	24.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.84%
7) Chloroethane-d5	1.57	69	77668	25.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.92%
10) 1,1-Dichloroethene-d2	2.13	63	152244	20.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.44%
20) 2-Butanone-d5	3.93	46	19873	38.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.06%
24) Chloroform-d	4.40	84	96995	27.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.64%
26) 1,2-Dichloroethane-d4	5.08	65	60149	28.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.04%
29) Benzene-d6	5.10	84	188112	31.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	124.28%
33) 1,2-Dichloropropane-d6	6.12	67	60413	34.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	136.40%#
37) Toluene-d8	7.36	98	156148	27.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.96%
38) trans-1,3-Dichloropropene-	7.67	79	15622	21.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.24%
39) 2-Hexanone-d5	8.13	63	14287	43.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.42%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40885	23.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.24%
61) 1,2-Dichlorobenzene-d4	11.68	152	30224	23.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.64%

Target Compounds

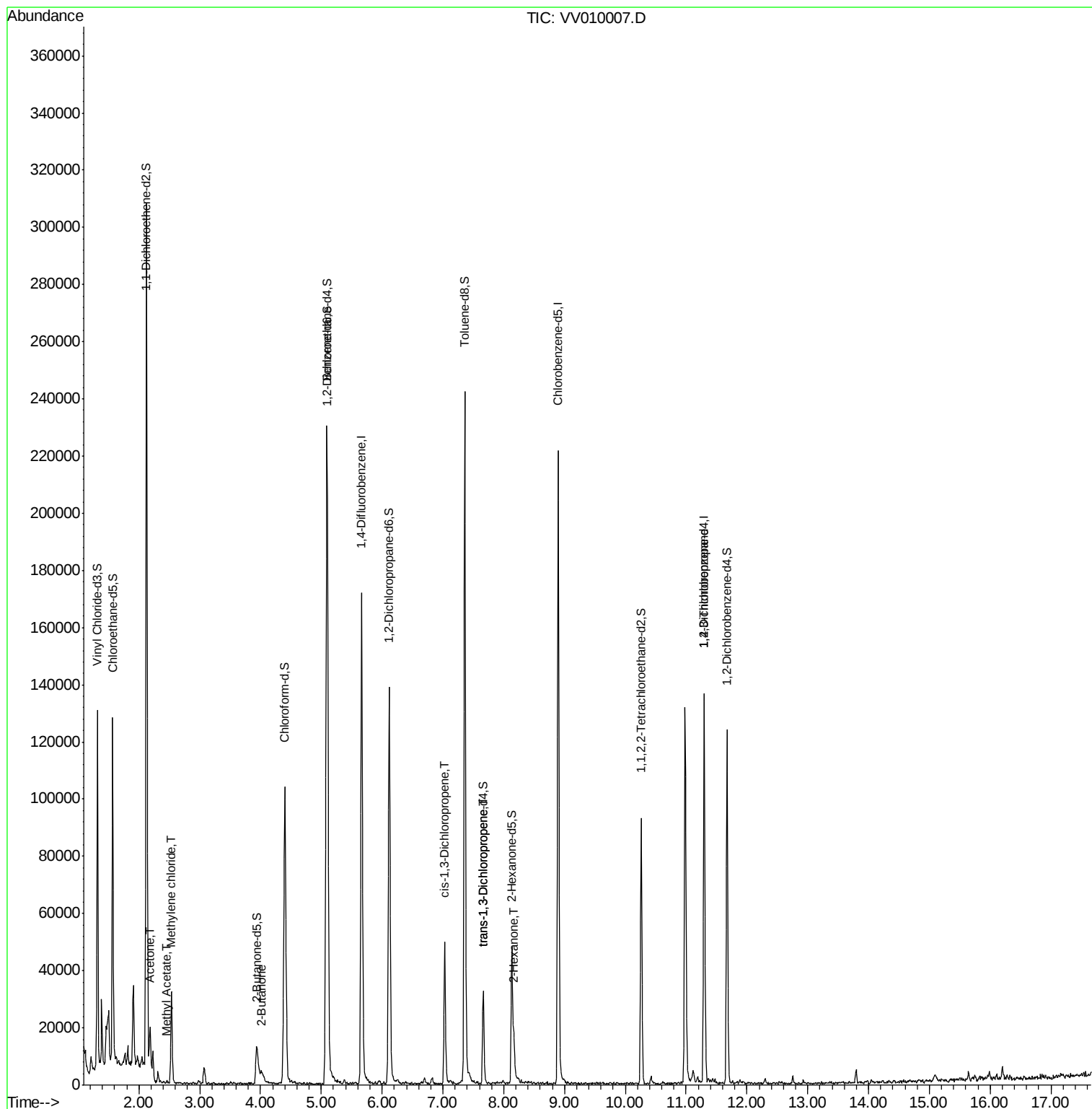
						Qvalue
13) Acetone	2.19	43	14211	18.199	ug/L	90
15) Methyl Acetate	2.46	43	634	0.693	ug/L #	85
16) Methylene chloride	2.54	84	12421	5.530	ug/L	92
21) 2-Butanone	4.02	43	2201	3.165	ug/L #	54
42) cis-1,3-Dichloropropene	7.03	75	1148	0.498	ug/L #	75
45) trans-1,3-Dichloropropene	7.67	75	1187	0.629	ug/L	89
49) 2-Hexanone	8.17	43	7742	10.146	ug/L #	45
59) 1,2,3-Trichloropropane	11.30	75	5033	3.954	ug/L	92

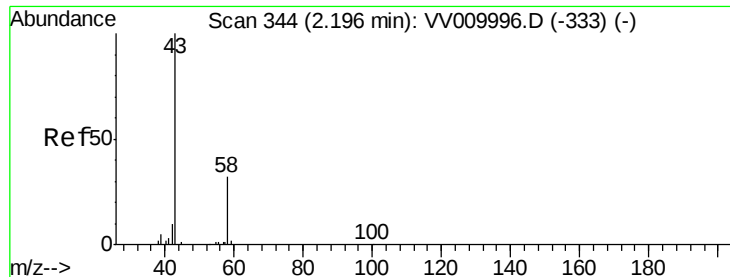
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010007.D
Acq On : 29 Mar 2019 17:47
Operator : SY/MD
Sample : K2020-06
Misc : 3.39G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5C9RE

Quant Time: Mar 30 04:17:58 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





#13

Acetone

Concen: 18.199 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV010007.D

Acq: 29 Mar 2019 17:47

Instrument :

MSVOA_V

ClientSampleId :

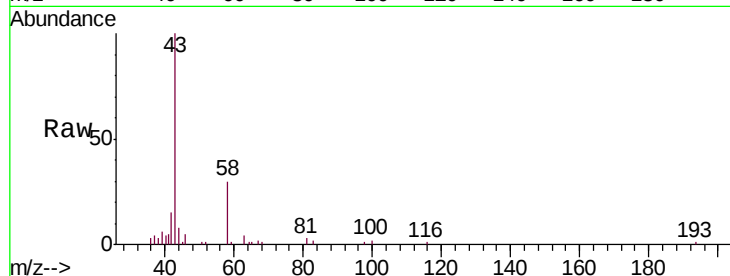
BF5C9RE

Tgt Ion: 43 Resp: 14211

Ion Ratio Lower Upper

43 100

58 34.9 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

10000

8000

6000

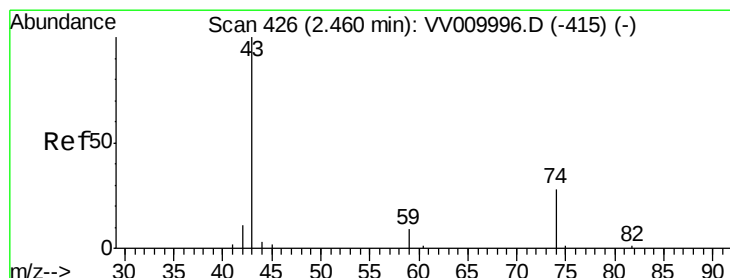
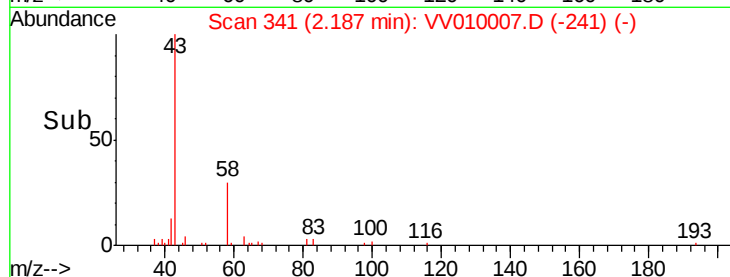
4000

2000

0

Time-->

2.15 2.20 2.25



#15

Methyl Acetate

Concen: 0.693 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: VV010007.D

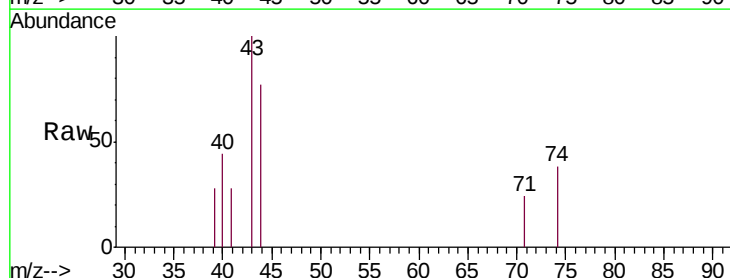
Acq: 29 Mar 2019 17:47

Tgt Ion: 43 Resp: 634

Ion Ratio Lower Upper

43 100

74 18.6 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

2.46

500

400

300

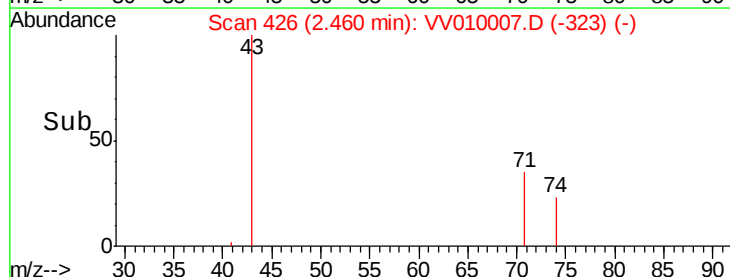
200

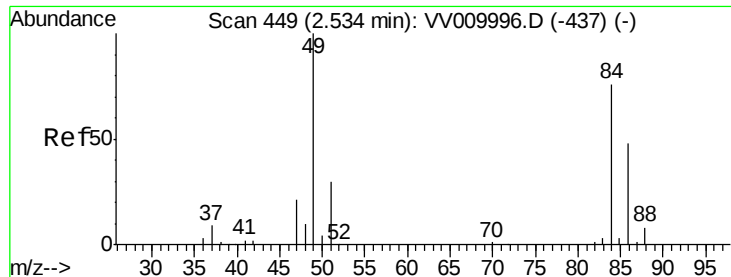
100

0

Time-->

2.44 2.46 2.48

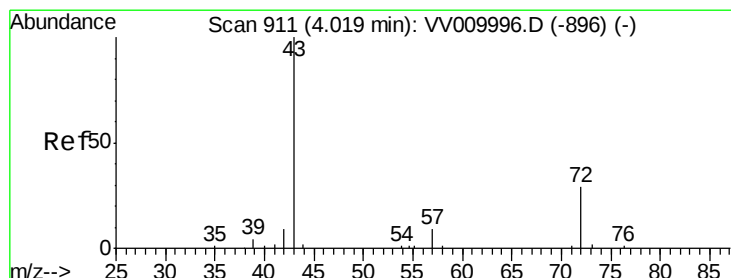
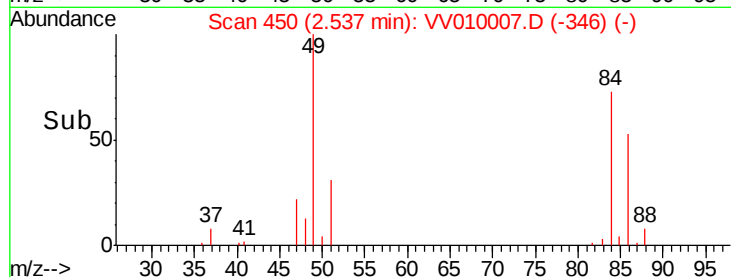
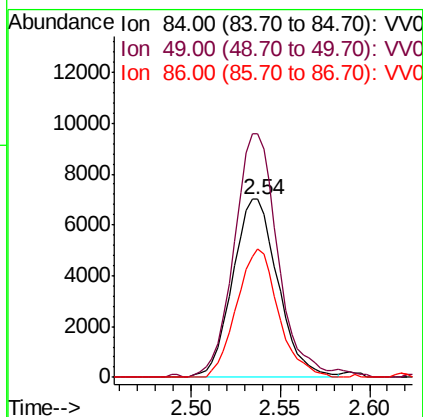
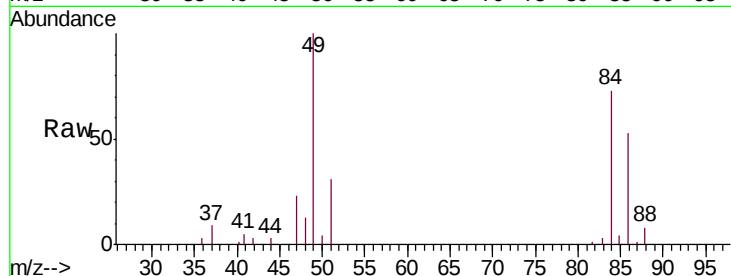




#16
Methylene chloride
Concen: 5.530 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV010007.D
Acq: 29 Mar 2019 17:47

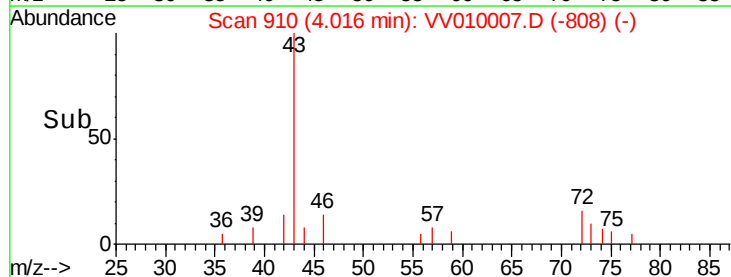
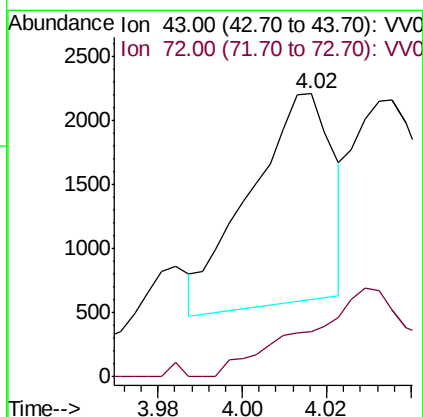
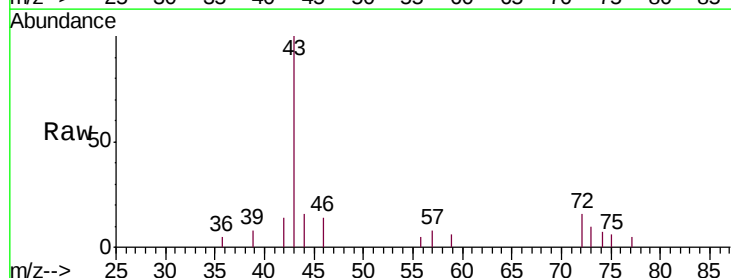
Instrument :
MSVOA_V
ClientSampleId :
BF5C9RE

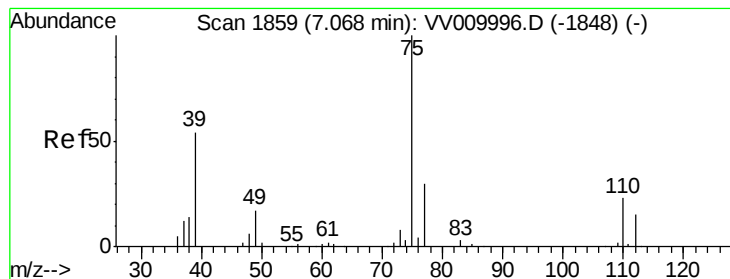
Tgt Ion: 84 Resp: 12421
Ion Ratio Lower Upper
84 100
49 136.6 90.4 167.8
86 71.8 44.0 81.6



#21
2-Butanone
Concen: 3.165 ug/L
RT: 4.02 min Scan# 910
Delta R.T. -0.00 min
Lab File: VV010007.D
Acq: 29 Mar 2019 17:47

Tgt Ion: 43 Resp: 2201
Ion Ratio Lower Upper
43 100
72 0.0 11.1 33.1#



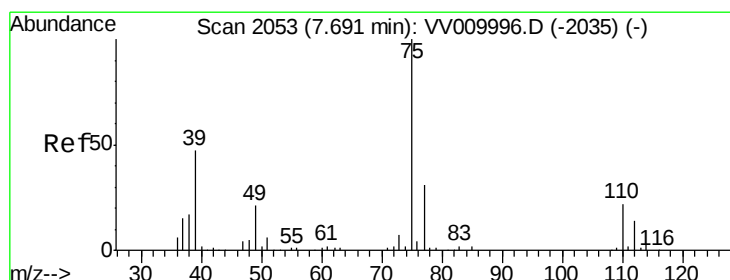
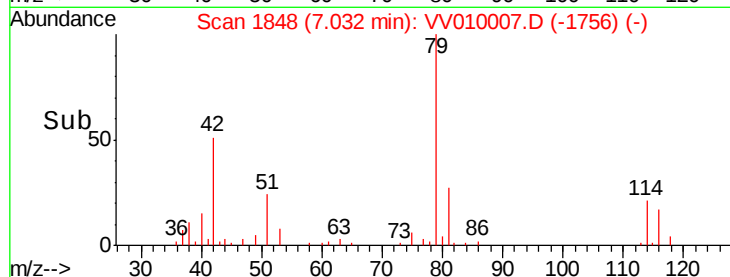
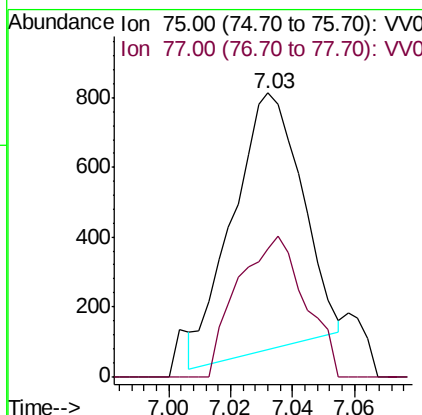
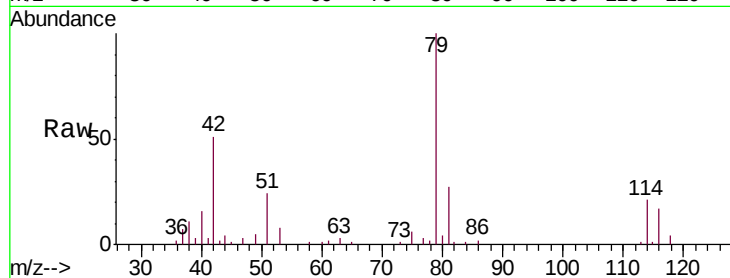


#42

cis-1,3-Dichloropropene
 Concen: 0.498 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV010007.D
 Acq: 29 Mar 2019 17:47

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5C9RE

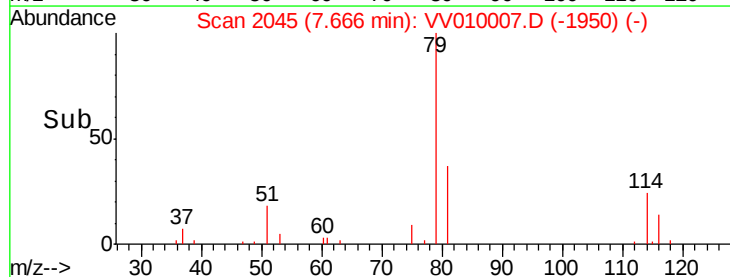
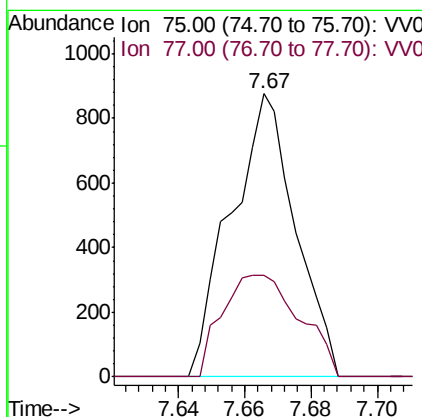
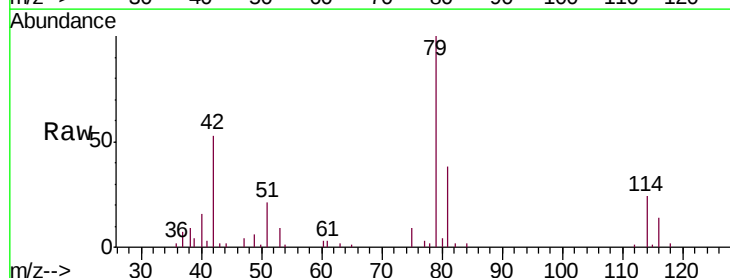
Tgt Ion: 75 Resp: 1148
 Ion Ratio Lower Upper
 75 100
 77 45.1 21.8 40.6#

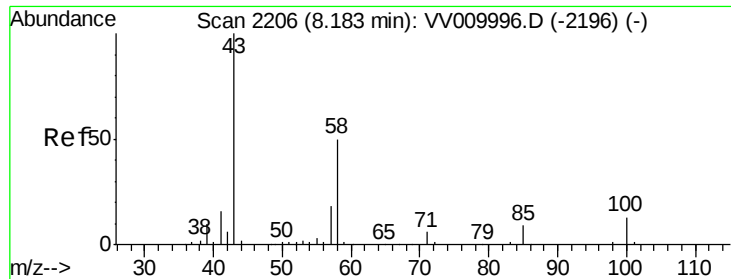


#45

trans-1,3-Dichloropropene
 Concen: 0.629 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV010007.D
 Acq: 29 Mar 2019 17:47

Tgt Ion: 75 Resp: 1187
 Ion Ratio Lower Upper
 75 100
 77 35.7 20.7 38.5

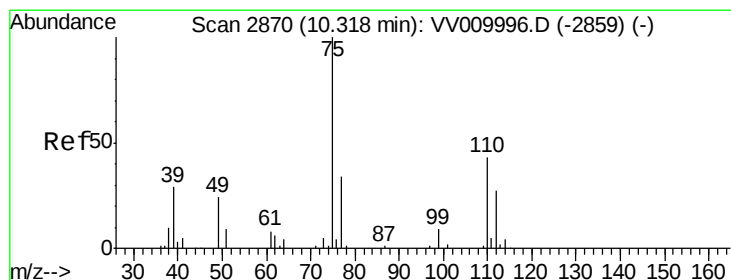
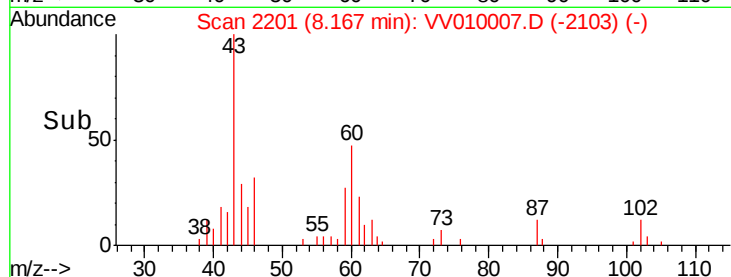
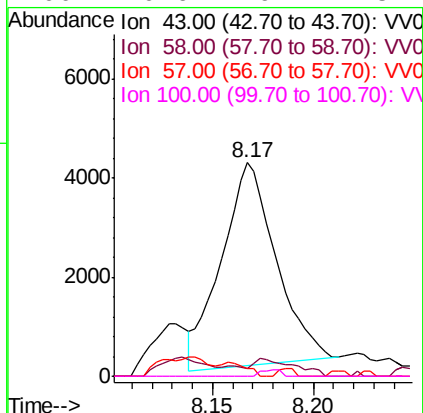
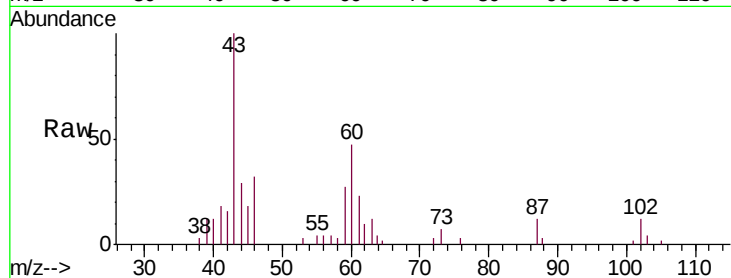




#49
2-Hexanone
Concen: 10.146 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. -0.02 min
Lab File: VV010007.D
Acq: 29 Mar 2019 17:47

Instrument :
MSVOA_V
ClientSampleId :
BF5C9RE

Tgt Ion: 43 Resp: 7742
Ion Ratio Lower Upper
43 100
58 5.7 42.0 63.0#
57 1.0 12.9 19.3#
100 0.6 9.1 13.7#



#59
1,2,3-Trichloropropane
Concen: 3.954 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV010007.D
Acq: 29 Mar 2019 17:47

Tgt Ion: 75 Resp: 5033
Ion Ratio Lower Upper
75 100
77 37.4 26.2 39.2

