

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030819\
 Data File : VV009548.D
 Acq On : 08 Mar 2019 19:24
 Operator : SY/MD
 Sample : K1736-13
 Misc : 6.00G/10ML/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF627

Quant Time: Mar 09 01:27:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 09 01:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	152673	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	135882	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58069	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29713	16.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.68%
7) Chloroethane-d5	1.57	69	36592	13.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.08%
10) 1,1-Dichloroethene-d2	2.13	63	69733	14.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.32%
20) 2-Butanone-d5	3.95	46	14367	22.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.88%
24) Chloroform-d	4.40	84	79519	21.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.44%
26) 1,2-Dichloroethane-d4	5.08	65	46411	22.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.72%
29) Benzene-d6	5.10	84	155945	23.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.68%
33) 1,2-Dichloropropane-d6	6.12	67	48980	24.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.64%
37) Toluene-d8	7.36	98	145482	22.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.68%
38) trans-1,3-Dichloropropene-	7.66	79	17089	17.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.04%
39) 2-Hexanone-d5	8.13	63	14069	30.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.70%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40626	19.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.80%
61) 1,2-Dichlorobenzene-d4	11.68	152	45096	21.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.08%

Target Compounds

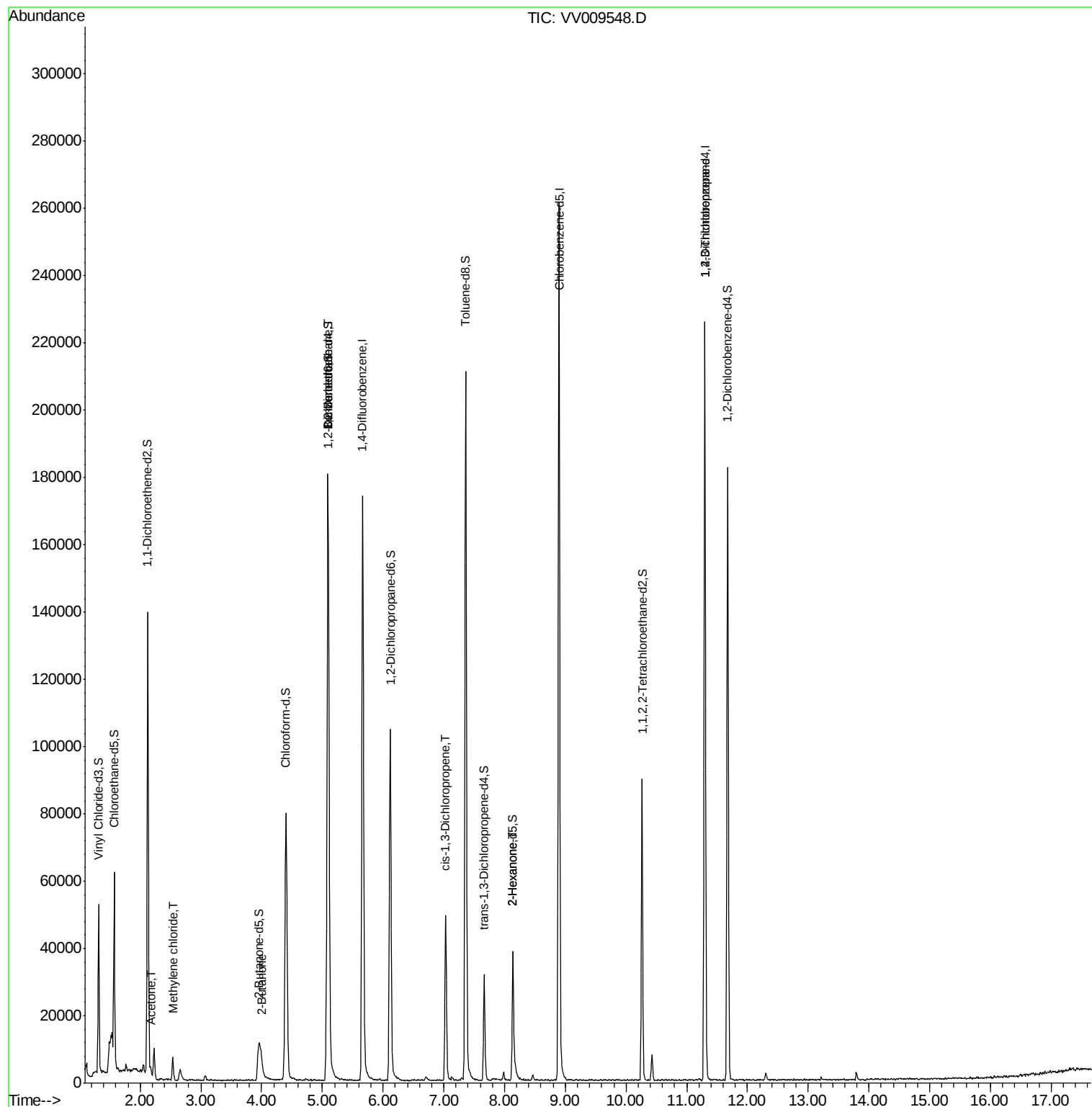
					Qvalue
13) Acetone	2.19	43	427	0.671 ug/L	84
16) Methylene chloride	2.54	84	2676	1.336 ug/L	94
21) 2-Butanone	4.01	43	1550	1.929 ug/L #	48
27) 1,2-Dichloroethane	5.10	62	952	0.382 ug/L #	77
42) cis-1,3-Dichloropropene	7.03	75	1609	0.572 ug/L #	82
49) 2-Hexanone	8.14	43	1518	1.407 ug/L #	60
59) 1,2,3-Trichloropropane	11.30	75	7834	5.117 ug/L #	84

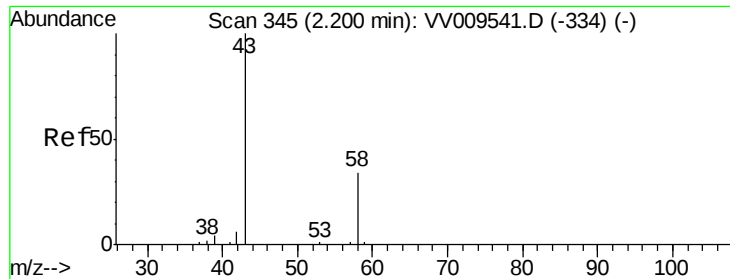
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Mar 09 01:24:39 2019
Response via : Initial Calibration





#13

Acetone

Concen: 0.671 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV009548.D

Acq: 08 Mar 2019 19:24

Instrument :

MSVOA_V

ClientSampled :

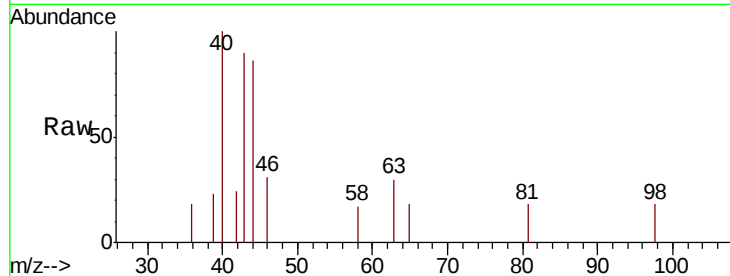
BF627

Tgt Ion: 43 Resp: 427

Ion Ratio Lower Upper

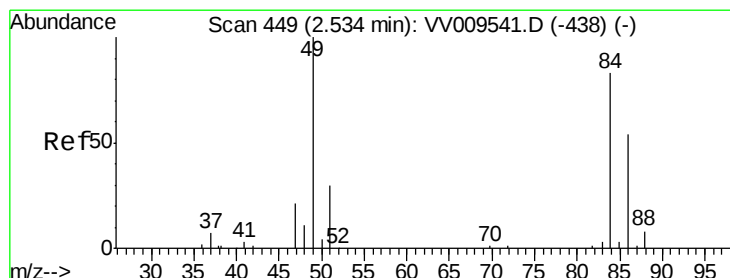
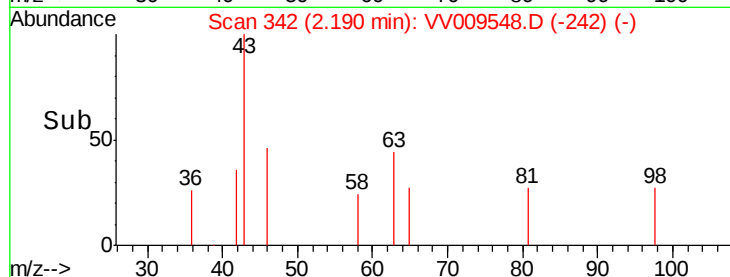
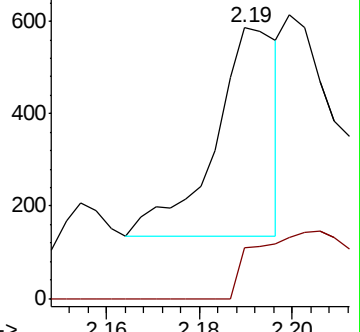
43 100

58 43.8 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 1.336 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009548.D

Acq: 08 Mar 2019 19:24

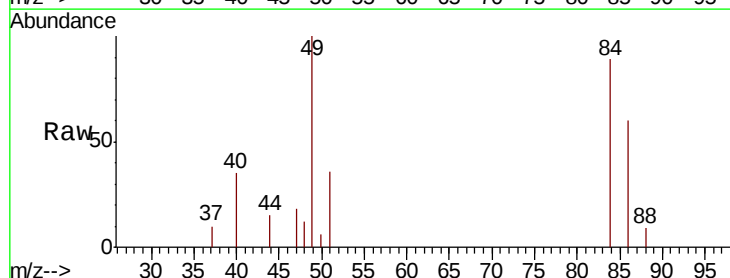
Tgt Ion: 84 Resp: 2676

Ion Ratio Lower Upper

84 100

49 112.9 84.6 157.0

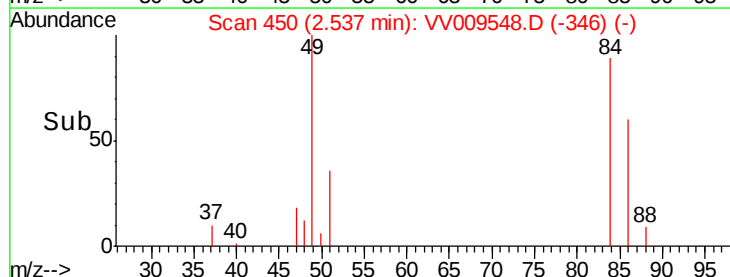
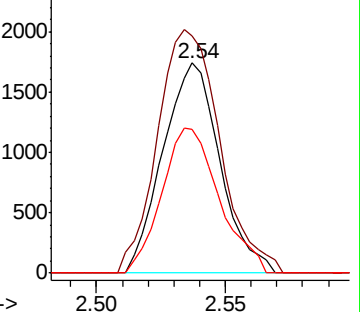
86 68.2 46.1 85.7

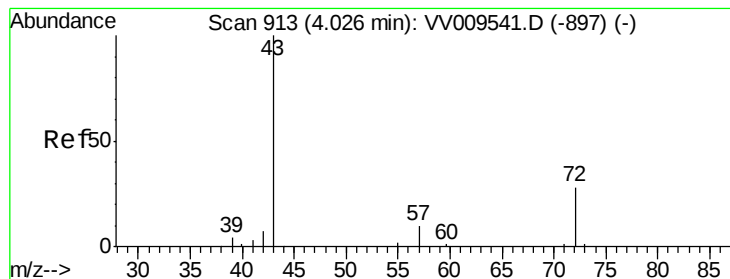


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0





#21

2-Butanone

Concen: 1.929 ug/L

RT: 4.01 min Scan# 909

Delta R.T. -0.01 min

Lab File: VV009548.D

Acq: 08 Mar 2019 19:24

Instrument :

MSVOA_V

ClientSampleId :

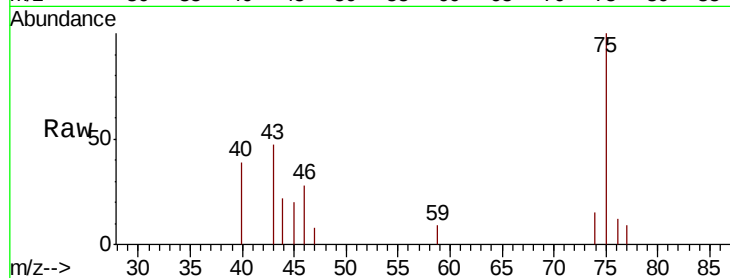
BF627

Tgt Ion: 43 Resp: 1550

Ion Ratio Lower Upper

43 100

72 0.0 13.7 41.0#



Abundance Ion 43.00 (42.70 to 43.70): VV009541.D (-897) (-)

Ion 72.00 (71.70 to 72.70): VV009541.D (-897) (-)

4.01

800

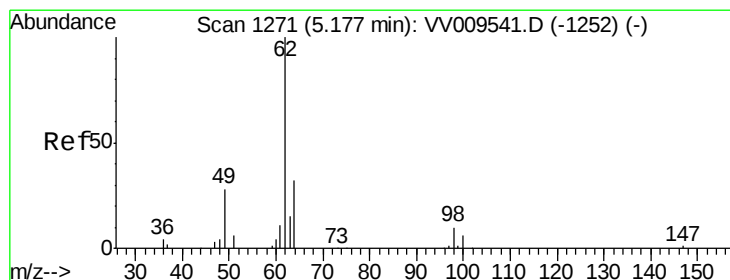
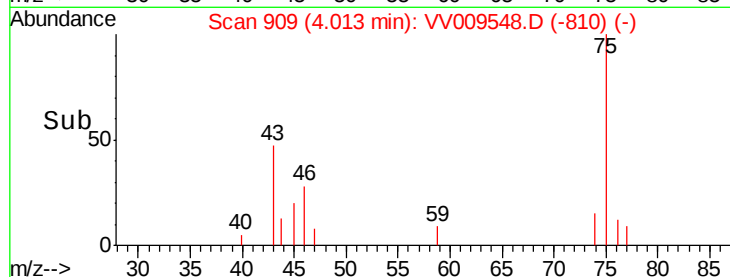
600

400

200

0

Time-->



#27

1,2-Dichloroethane

Concen: 0.382 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.08 min

Lab File: VV009548.D

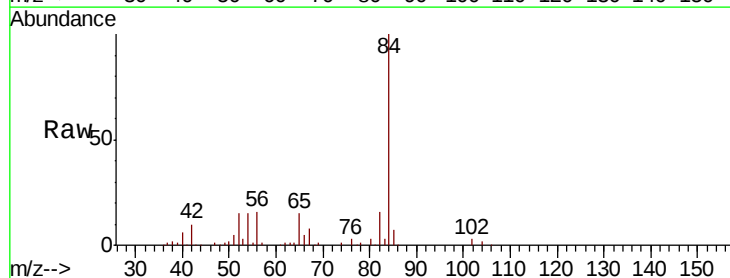
Acq: 08 Mar 2019 19:24

Tgt Ion: 62 Resp: 952

Ion Ratio Lower Upper

62 100

98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VV009541.D (-1252) (-)

Ion 98.00 (97.70 to 98.70): VV009541.D (-1252) (-)

5.10

500

400

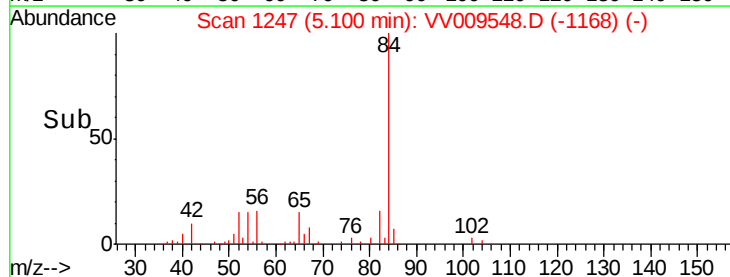
300

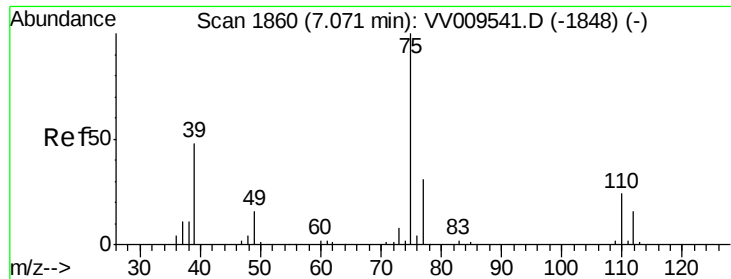
200

100

0

Time-->



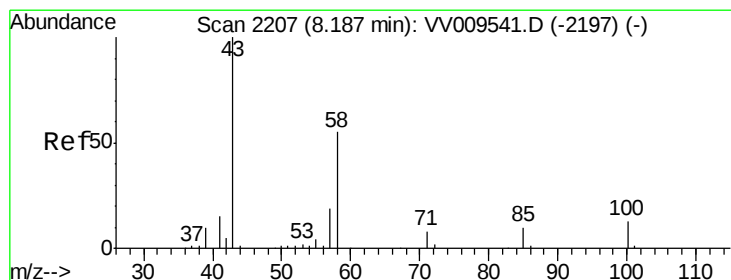
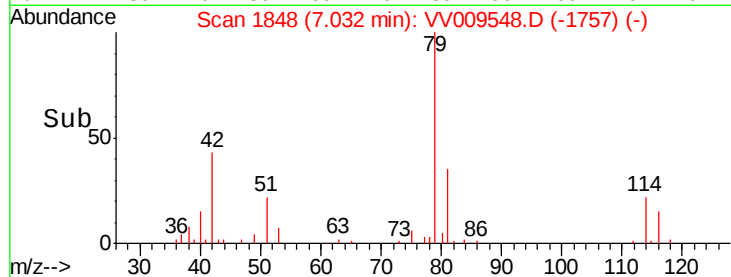
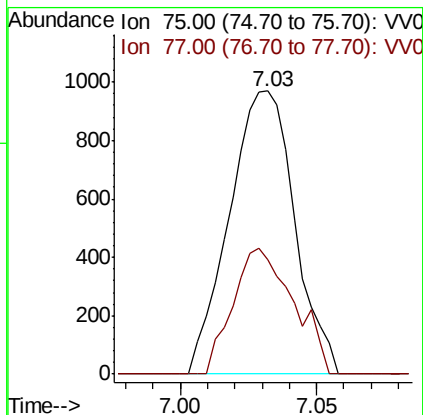
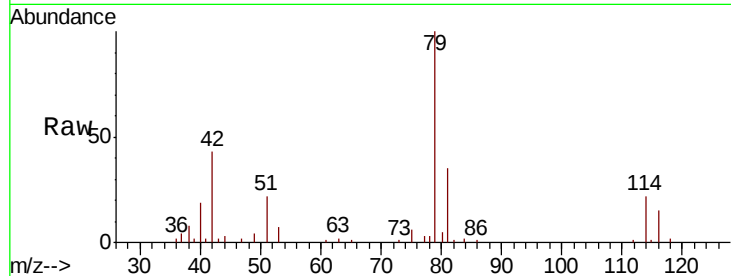


#42

cis-1,3-Dichloropropene
Concen: 0.572 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009548.D
Acq: 08 Mar 2019 19:24

Instrument :
MSVOA_V
ClientSampled :
BF627

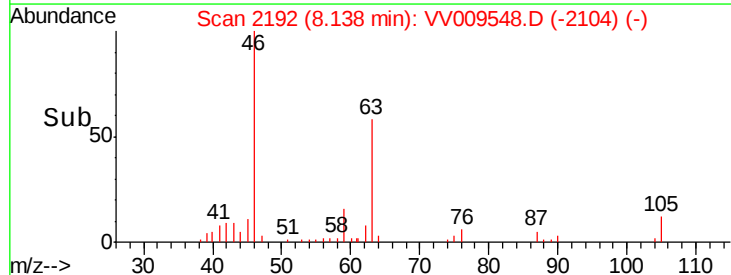
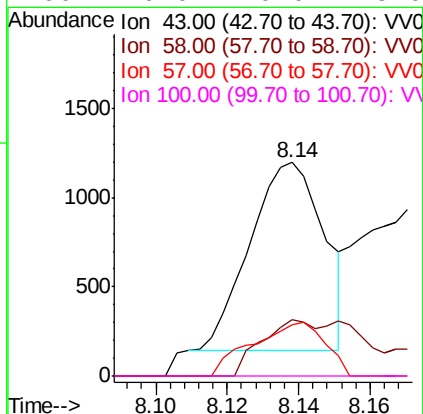
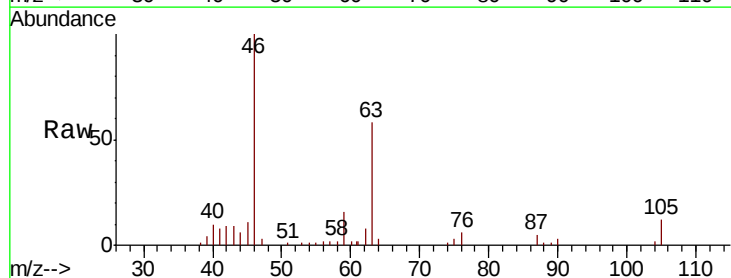
Tgt Ion: 75 Resp: 1609
Ion Ratio Lower Upper
75 100
77 40.7 21.4 39.8#

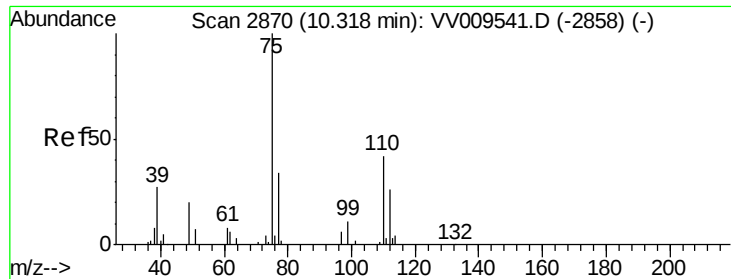


#49

2-Hexanone
Concen: 1.407 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV009548.D
Acq: 08 Mar 2019 19:24

Tgt Ion: 43 Resp: 1518
Ion Ratio Lower Upper
43 100
58 21.7 46.3 69.5#
57 27.9 15.8 23.6#
100 0.0 10.0 15.0#





#59

1,2,3-Trichloropropane

Concen: 5.117 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009548.D

Acq: 08 Mar 2019 19:24

Instrument :

MSVOA_V

ClientSampleId :

BF627

Tgt Ion: 75 Resp: 7834

Ion Ratio Lower Upper

75 100

77 41.3 25.9 38.9#

