

Data File : VV009965.D
Acq On : 28 Mar 2019 15:02
Operator : SY/MD
Sample : K2128-09
Misc : 3.41G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF1H9

Quant Time: Mar 29 02:23:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	180519	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	159388	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49094	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78838	21.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.08%
7) Chloroethane-d5	1.56	69	91085	23.02	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.08%
10) 1,1-Dichloroethene-d2	2.12	63	176479	17.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.44%
20) 2-Butanone-d5	3.93	46	28841	42.25	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.50%
24) Chloroform-d	4.40	84	93624	20.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.44%
26) 1,2-Dichloroethane-d4	5.08	65	63627	22.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.96%
29) Benzene-d6	5.10	84	219194	26.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.76%
33) 1,2-Dichloropropane-d6	6.12	67	62898	25.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.72%
37) Toluene-d8	7.36	98	191037	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.44%
38) trans-1,3-Dichloropropene-	7.66	79	20240	20.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.80%
39) 2-Hexanone-d5	8.13	63	18659	40.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.64%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49016	20.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.88%
61) 1,2-Dichlorobenzene-d4	11.68	152	41710	22.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.24%

Target Compounds

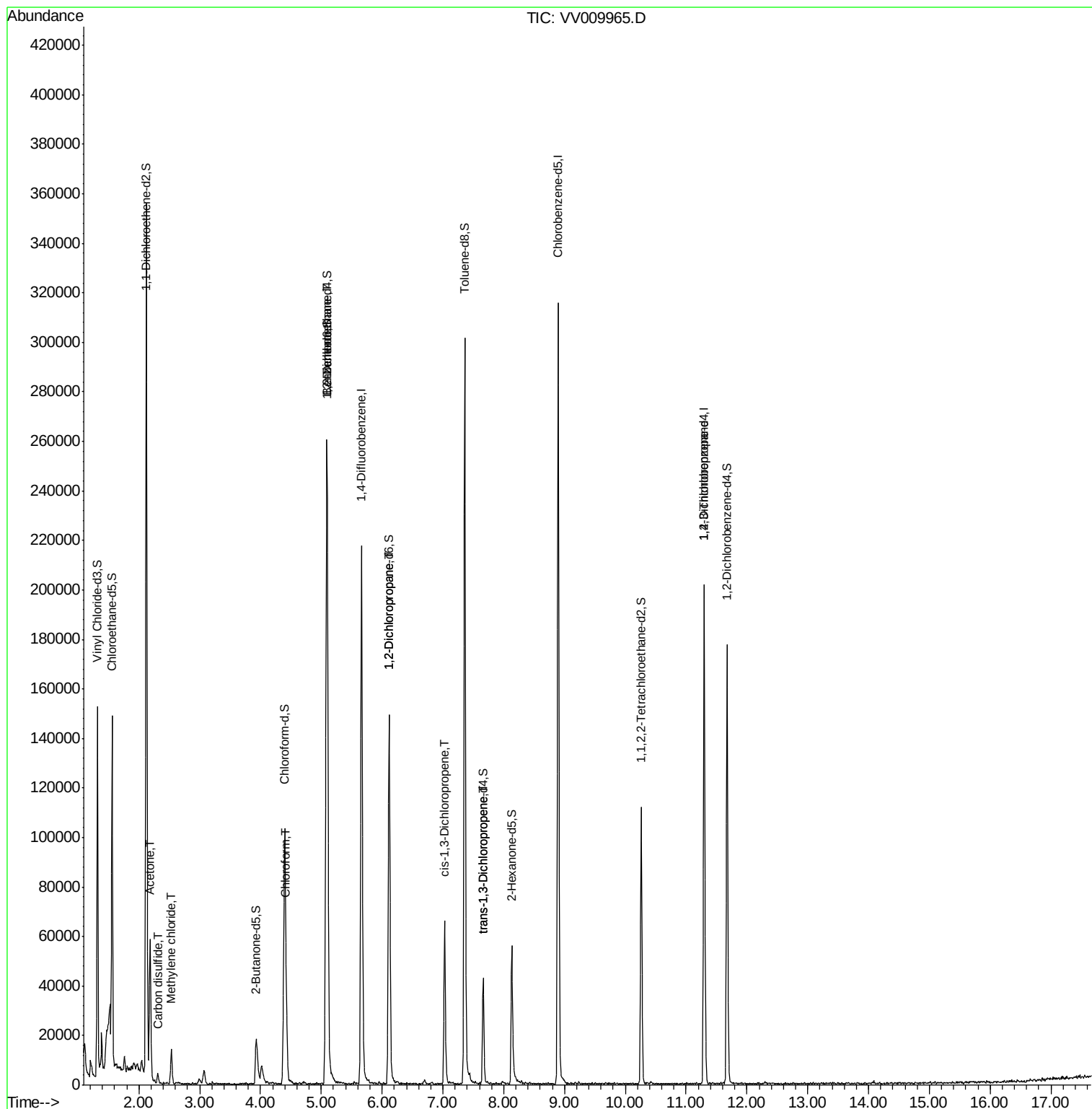
						Qvalue
13) Acetone	2.18	43	55597	53.794	ug/L	99
14) Carbon disulfide	2.31	76	3635	0.608	ug/L	96
16) Methylene chloride	2.53	84	5013	1.686	ug/L	95
25) Chloroform	4.43	83	13296	2.780	ug/L	99
27) 1,2-Dichloroethane	5.10	62	1522	0.449	ug/L #	75
40) 1,2-Dichloropropane	6.12	63	8621	3.942	ug/L #	94
42) cis-1,3-Dichloropropene	7.03	75	2225	0.698	ug/L #	80
45) trans-1,3-Dichloropropene	7.66	75	1629	0.624	ug/L #	71
59) 1,2,3-Trichloropropane	11.30	75	8321	4.729	ug/L	97

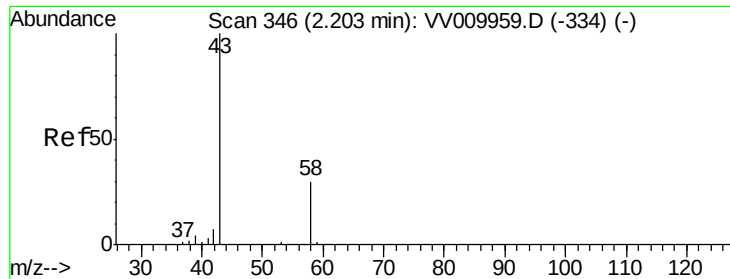
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 53.794 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.02 min

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Acq: 28 Mar 2019 15:02

Instrument :

MSVOA_V

ClientSampleId :

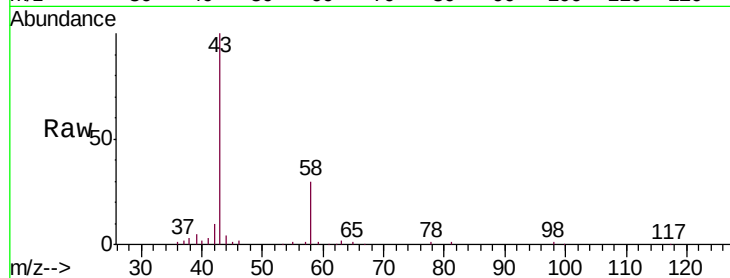
BF1H9

Tgt Ion: 43 Resp: 55597

Ion Ratio Lower Upper

43 100

58 29.2 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009965.D (-243) (-)

Ion 58.00 (57.70 to 58.70): VV009965.D (-243) (-)

2.18

30000

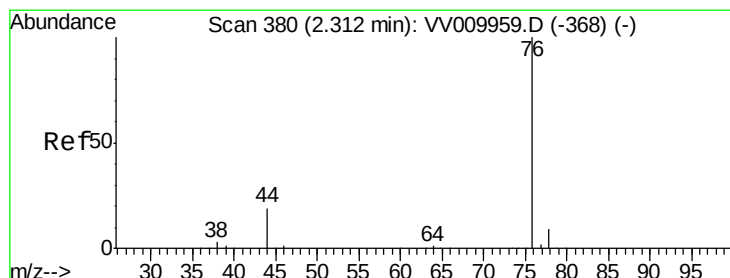
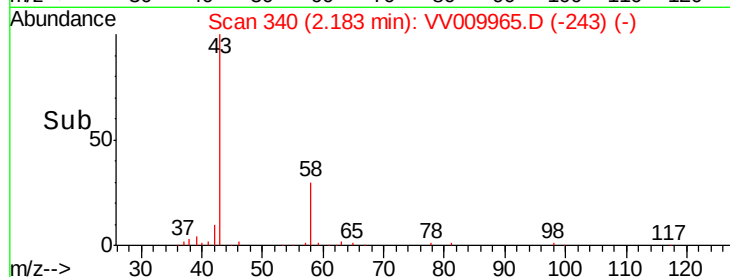
20000

10000

0

Time-->

2.10 2.15 2.20 2.25



#14

Carbon disulfide

Concen: 0.608 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV009965.D

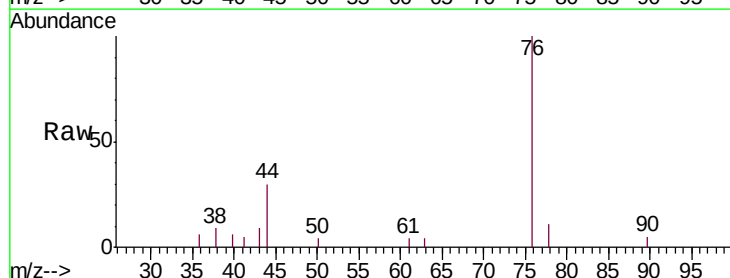
Acq: 28 Mar 2019 15:02

Tgt Ion: 76 Resp: 3635

Ion Ratio Lower Upper

76 100

78 10.8 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VV009965.D (-225) (-)

Ion 78.00 (77.70 to 78.70): VV009965.D (-225) (-)

2.31

3000

2500

2000

1500

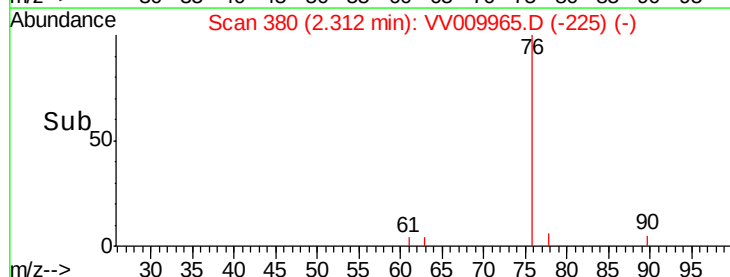
1000

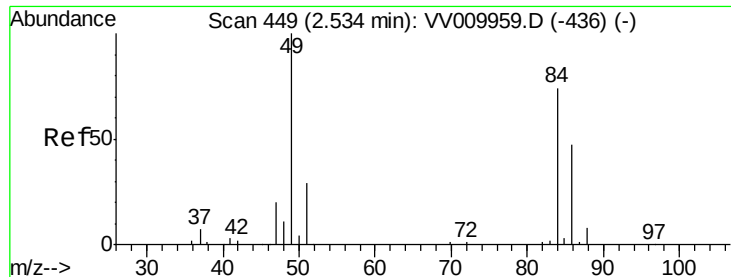
500

0

Time-->

2.30 2.35

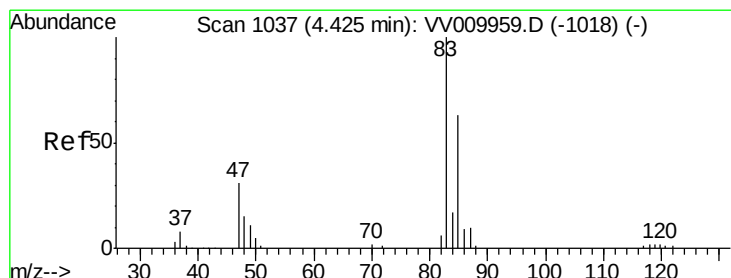
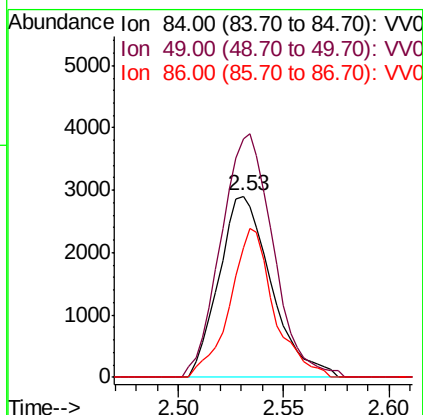
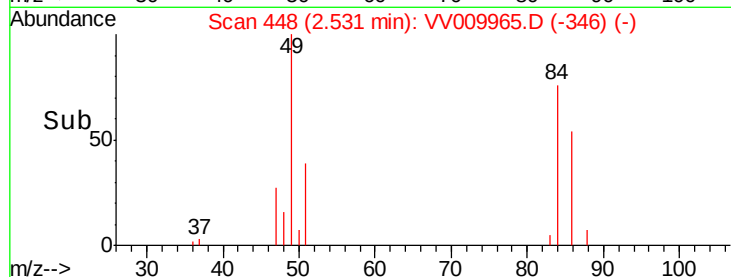
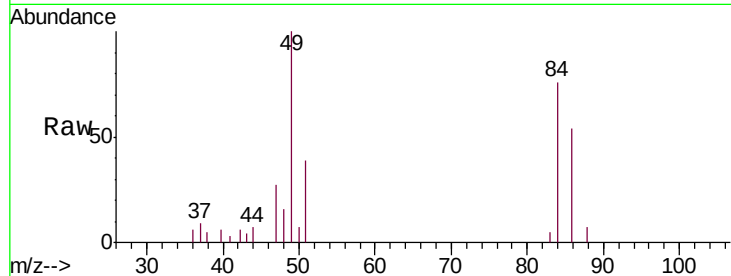




#16
Methylene chloride
Concen: 1.686 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV009965.D
Acq: 28 Mar 2019 15:02

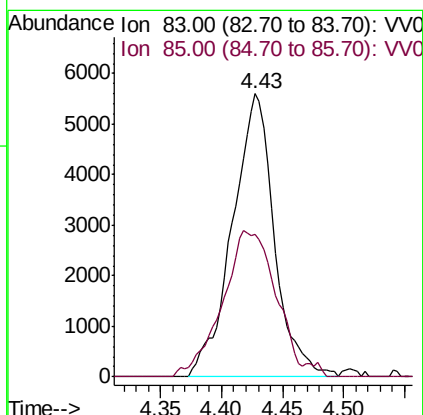
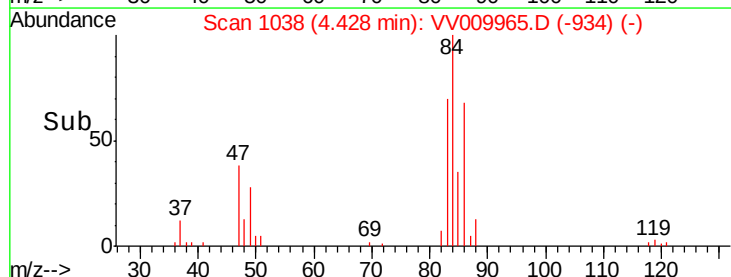
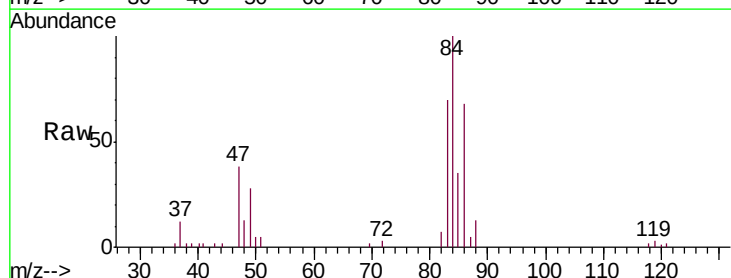
Instrument :
MSVOA_V
ClientSampled :
BF1H9

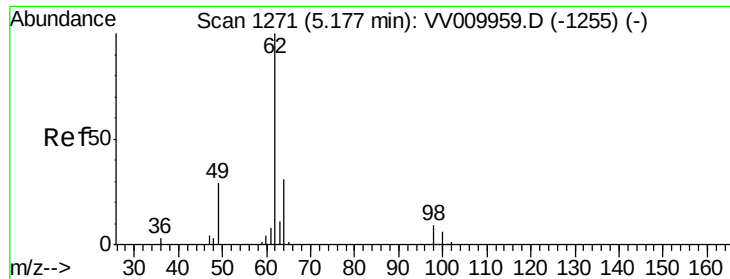
Tgt Ion: 84 Resp: 5013
Ion Ratio Lower Upper
84 100
49 132.1 90.4 167.8
86 71.5 44.0 81.6



#25
Chloroform
Concen: 2.780 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009965.D
Acq: 28 Mar 2019 15:02

Tgt Ion: 83 Resp: 13296
Ion Ratio Lower Upper
83 100
85 65.0 46.1 85.7





#27

1,2-Dichloroethane

Concen: 0.449 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.08 min

Lab File: VV009965.D

Acq: 28 Mar 2019 15:02

Instrument :

MSVOA_V

ClientSampleId :

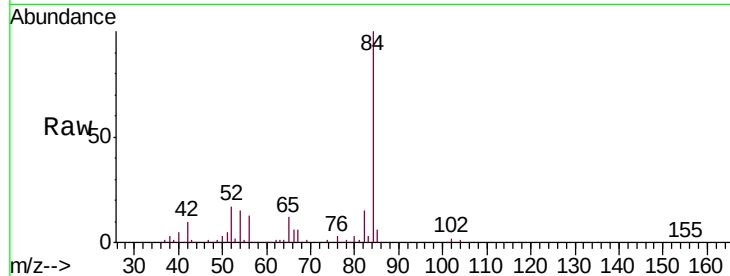
BF1H9

Tgt Ion: 62 Resp: 1522

Ion Ratio Lower Upper

62 100

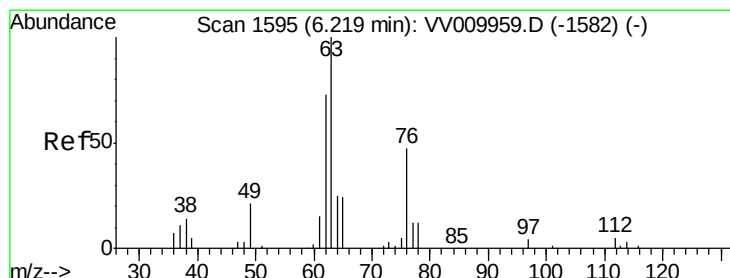
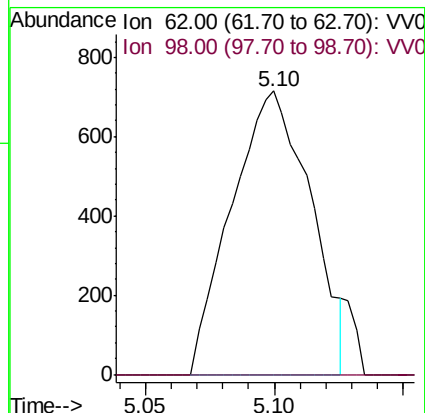
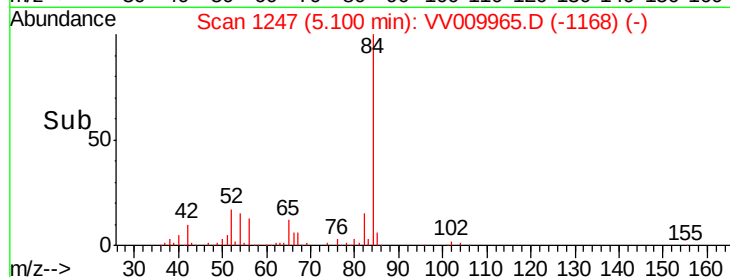
98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VV009965.D (-1168) (-)

Ion 98.00 (97.70 to 98.70): VV009965.D (-1168) (-)

Time-->



#40

1,2-Dichloropropane

Concen: 3.942 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV009965.D

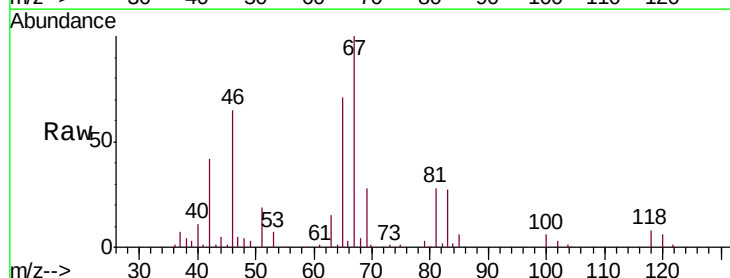
Acq: 28 Mar 2019 15:02

Tgt Ion: 63 Resp: 8621

Ion Ratio Lower Upper

63 100

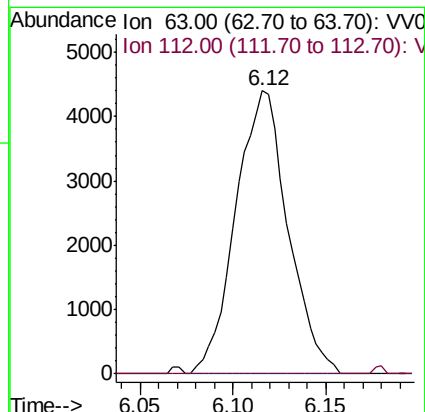
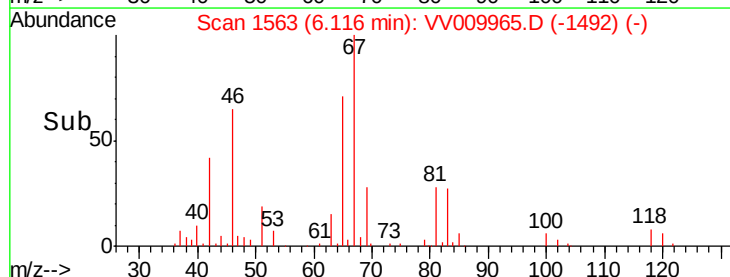
112 0.5 2.1 3.1#

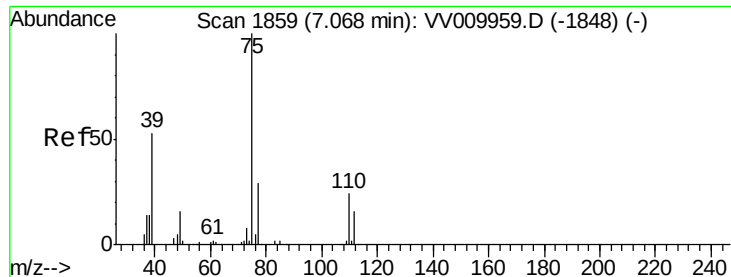


Abundance Ion 63.00 (62.70 to 63.70): VV009965.D (-1492) (-)

Ion 112.00 (111.70 to 112.70): VV009965.D (-1492) (-)

Time-->



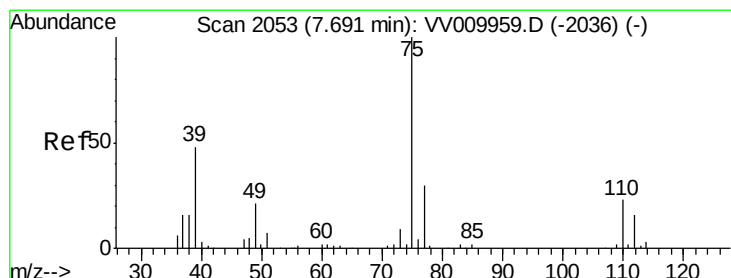
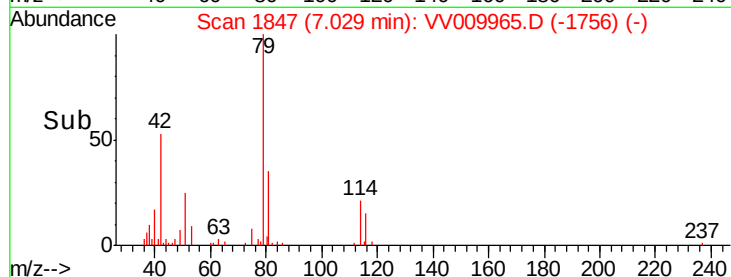
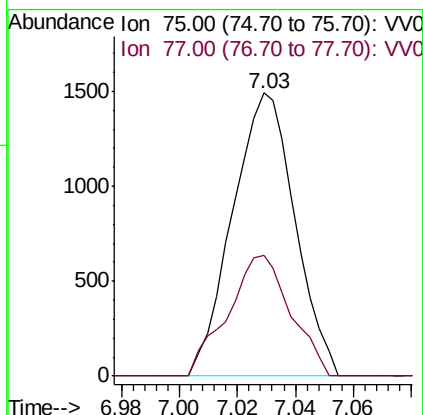
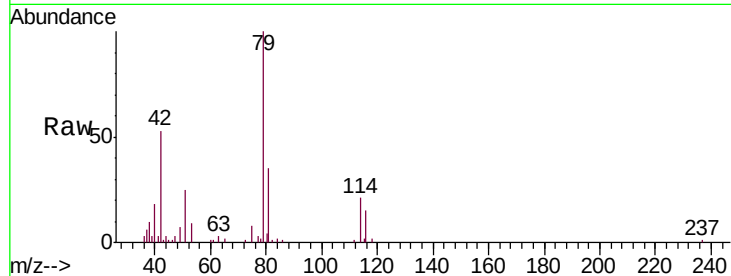


#42

cis-1,3-Dichloropropene
 Concen: 0.698 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009965.D
 Acq: 28 Mar 2019 15:02

Instrument :
 MSVOA_V
 ClientSampleId :
 BF1H9

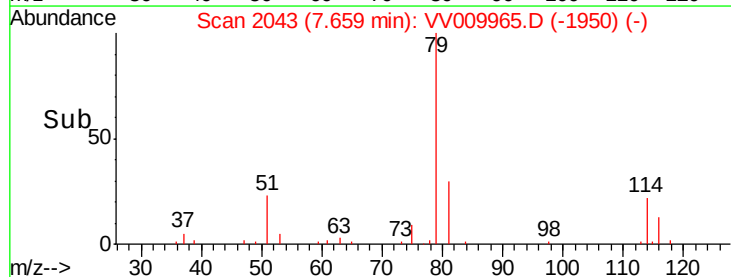
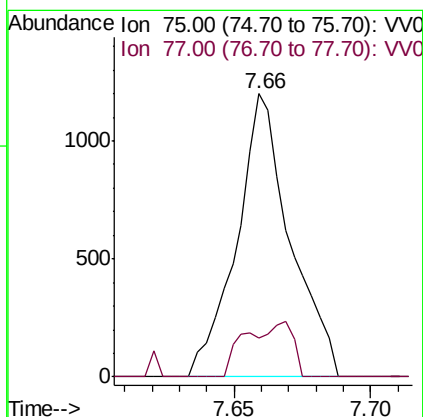
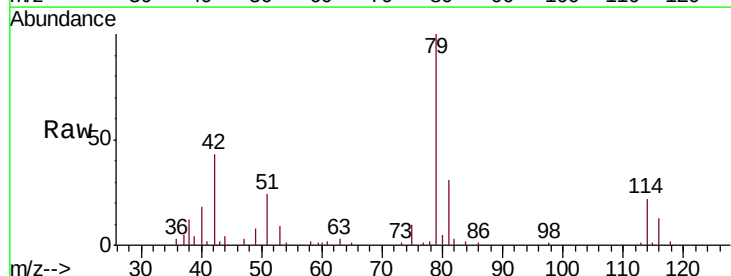
Tgt Ion: 75 Resp: 2225
 Ion Ratio Lower Upper
 75 100
 77 42.5 21.8 40.6#

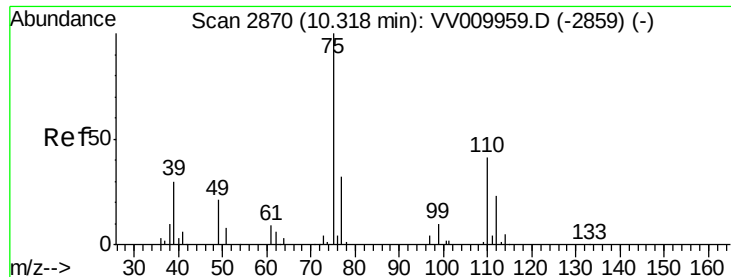


#45

trans-1,3-Dichloropropene
 Concen: 0.624 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV009965.D
 Acq: 28 Mar 2019 15:02

Tgt Ion: 75 Resp: 1629
 Ion Ratio Lower Upper
 75 100
 77 13.8 20.7 38.5#





#59

1,2,3-Trichloropropane

Concen: 4.729 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009965.D

Acq: 28 Mar 2019 15:02

Instrument :

MSVOA_V

ClientSampleId :

BF1H9

Tgt Ion: 75 Resp: 8321

Ion Ratio Lower Upper

75 100

77 34.5 26.2 39.2

