

Data File : VV009350.D
Acq On : 25 Feb 2019 15:49
Operator : SY/MD
Sample : K1579-14MSD
Misc : 6.95G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB609MSD

Quant Time: Feb 26 02:49:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 02:46:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	108111	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	99085	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36568	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33389	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.84%
7) Chloroethane-d5	1.56	69	34925	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.12%
10) 1,1-Dichloroethene-d2	2.13	63	94902	26.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	107.36%
20) 2-Butanone-d5	3.93	46	24464	48.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.20%
24) Chloroform-d	4.40	84	53794	21.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.72%
26) 1,2-Dichloroethane-d4	5.08	65	36849	27.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.28%
29) Benzene-d6	5.10	84	125546	25.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.04%
33) 1,2-Dichloropropane-d6	6.12	67	41525	28.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.56%
37) Toluene-d8	7.36	98	113731	24.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.16%
38) trans-1,3-Dichloropropene-	7.66	79	18278	24.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.36%
39) 2-Hexanone-d5	8.13	63	21118	51.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.82%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42559	26.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.48%
61) 1,2-Dichlorobenzene-d4	11.68	152	33545	24.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.92%

Target Compounds

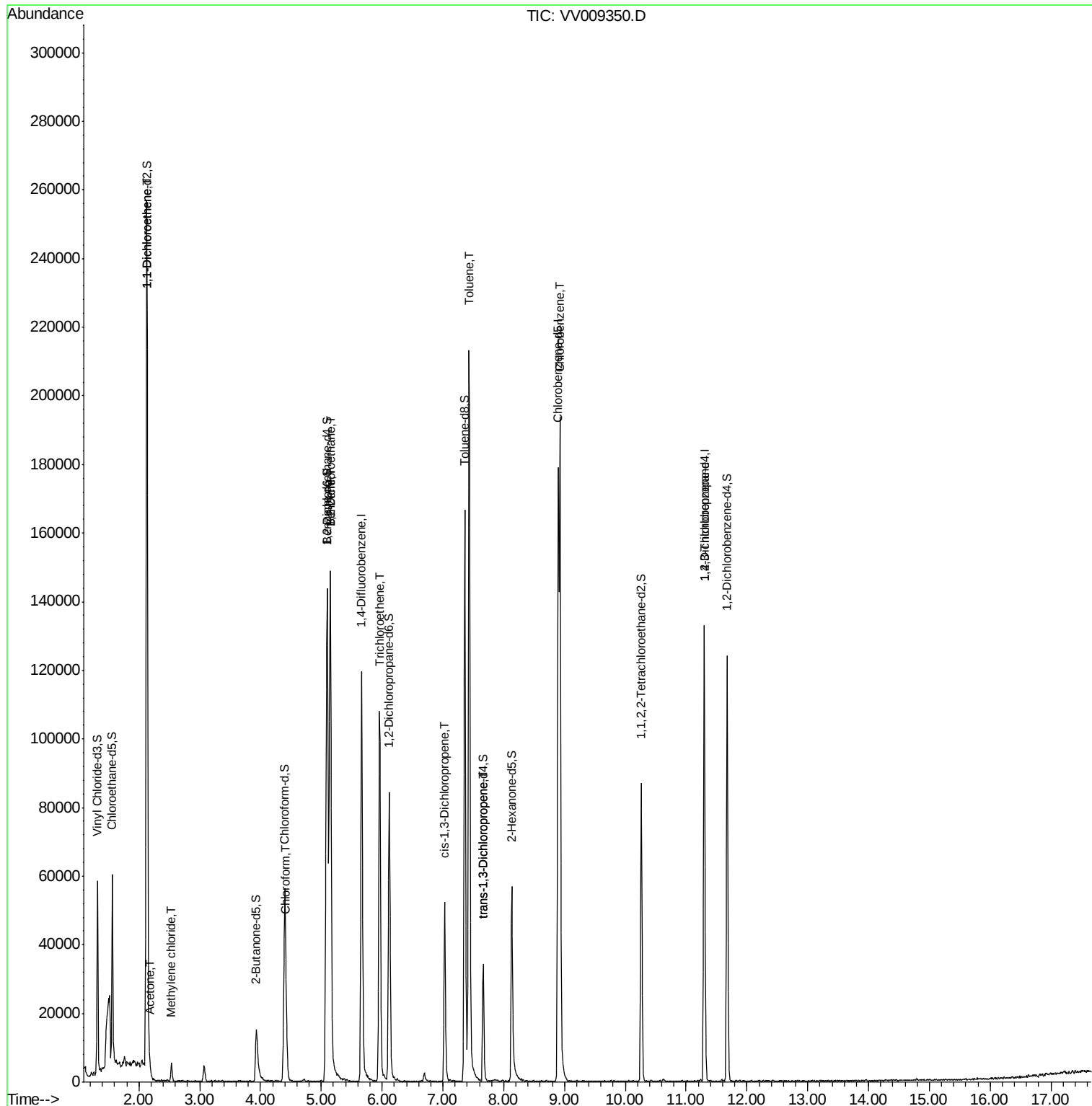
					Qvalue
12) 1,1-Dichloroethene	2.14	96	46023	29.015 ug/L	95
13) Acetone	2.19	43	637	1.295 ug/L	83
16) Methylene chloride	2.54	84	2330	1.425 ug/L	95
25) Chloroform	4.43	83	5965	2.362 ug/L	79
27) 1,2-Dichloroethane	5.15	62	728	0.426 ug/L #	72
34) Benzene	5.15	78	151949	28.046 ug/L	100
35) Trichloroethene	5.96	95	35570	23.604 ug/L	99
42) cis-1,3-Dichloropropene	7.03	75	1446	0.648 ug/L #	77
44) Toluene	7.43	91	163271	27.171 ug/L	99
45) trans-1,3-Dichloropropene	7.66	75	900	0.461 ug/L #	77
52) Chlorobenzene	8.93	112	100586	25.708 ug/L	98
59) 1,2,3-Trichloropropane	11.30	75	5001	4.223 ug/L	94

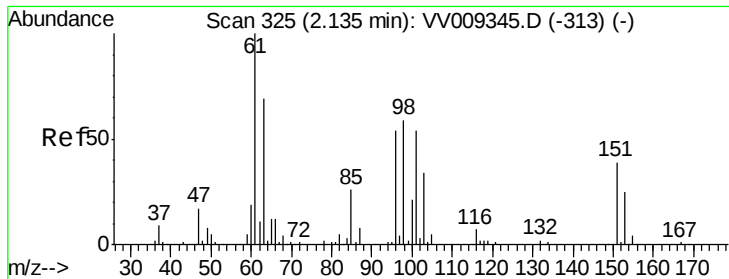
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009350.D
Acq On : 25 Feb 2019 15:49
Operator : SY/MD
Sample : K1579-14MSD
Misc : 6.95G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB609MSD

Quant Time: Feb 26 02:49:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 02:46:42 2019
Response via : Initial Calibration

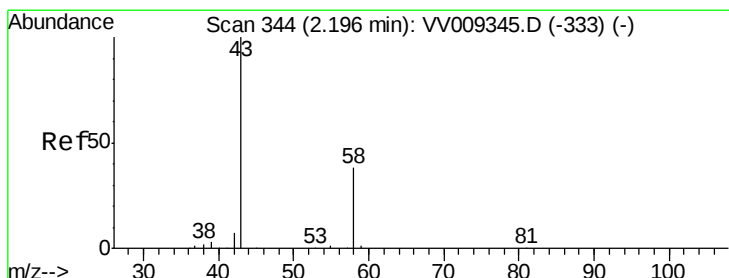
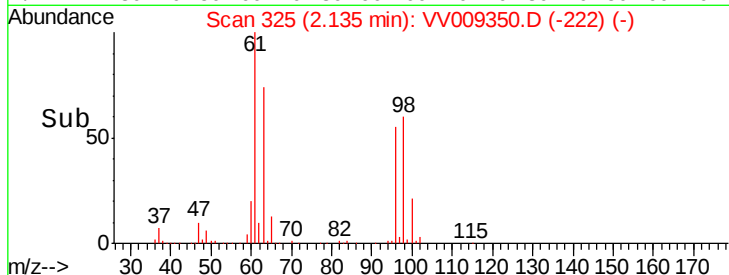
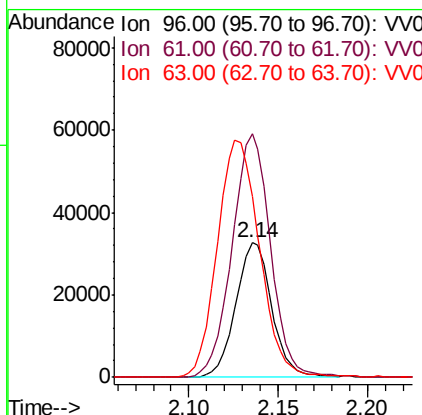
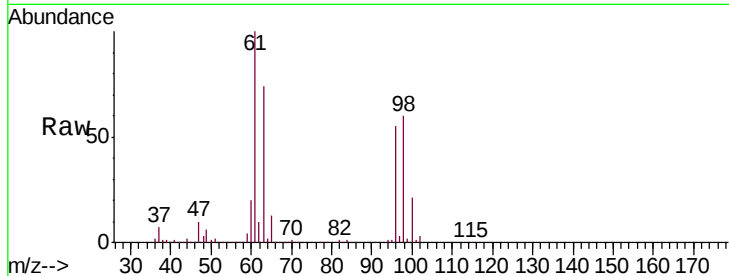




#12
 1,1-Dichloroethene
 Concen: 29.015 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.00 min
 Lab File: VV009350.D
 Acq: 25 Feb 2019 15:49

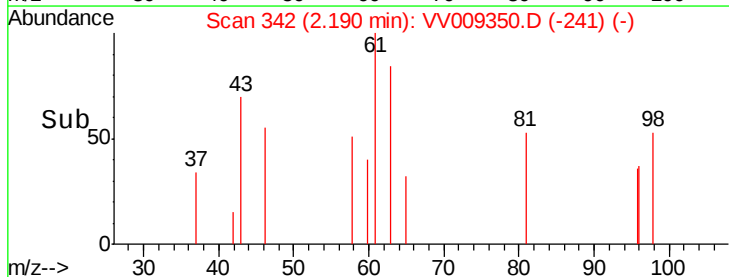
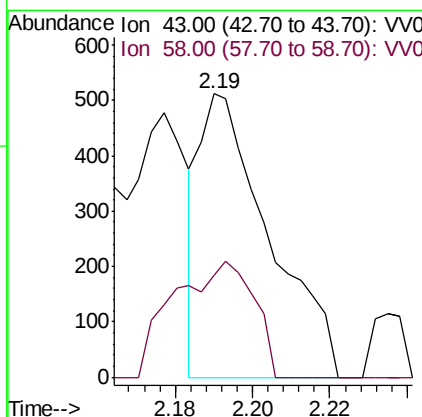
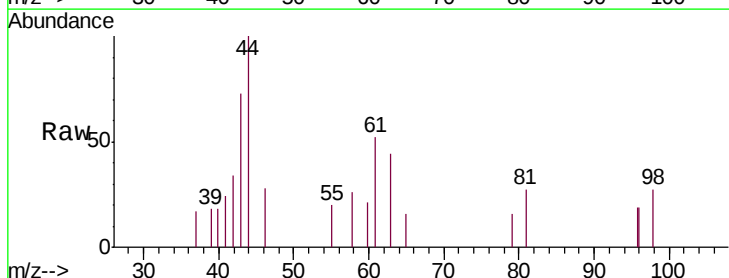
Instrument :
 MSVOA_V
 ClientSampleId :
 DB609MSD

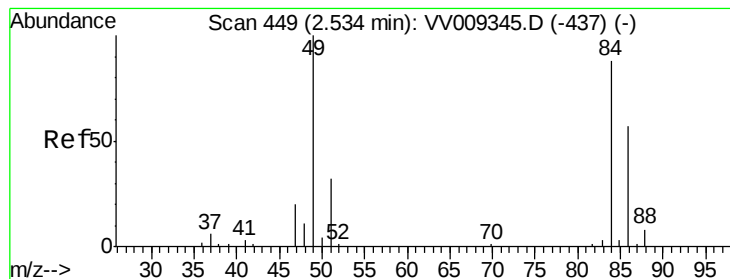
Tgt Ion: 96 Resp: 46023
 Ion Ratio Lower Upper
 96 100
 61 181.2 123.3 228.9
 63 134.3 88.4 164.2



#13
 Acetone
 Concen: 1.295 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VV009350.D
 Acq: 25 Feb 2019 15:49

Tgt Ion: 43 Resp: 637
 Ion Ratio Lower Upper
 43 100
 58 25.7 0.0 72.0





#16

Methylene chloride

Concen: 1.425 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009350.D

Acq: 25 Feb 2019 15:49

Instrument :

MSVOA_V

ClientSampleId :

DB609MSD

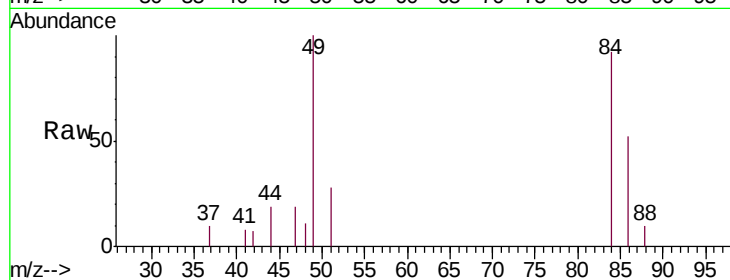
Tgt Ion: 84 Resp: 2330

Ion Ratio Lower Upper

84 100

49 109.0 78.7 146.1

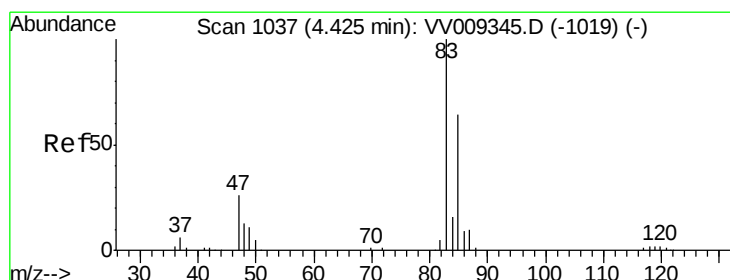
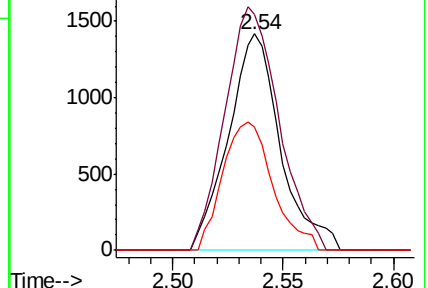
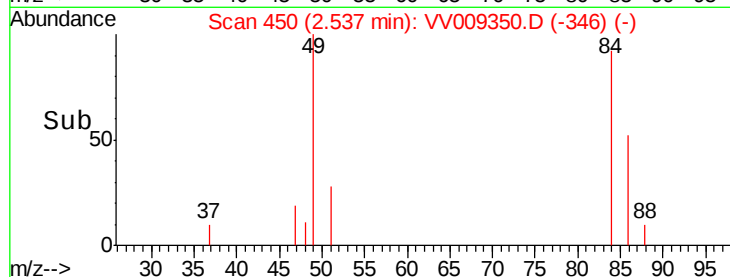
86 57.1 44.0 81.6



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: 2.362 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV009350.D

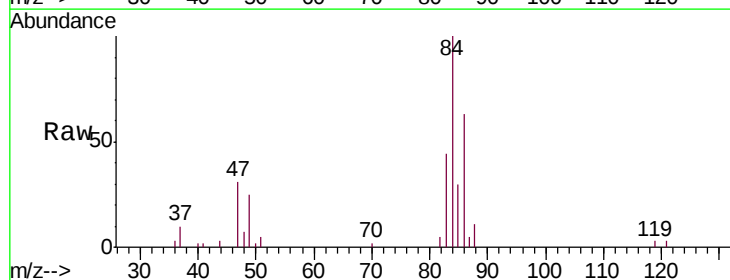
Acq: 25 Feb 2019 15:49

Tgt Ion: 83 Resp: 5965

Ion Ratio Lower Upper

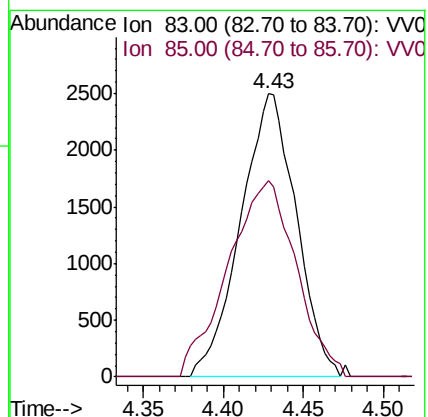
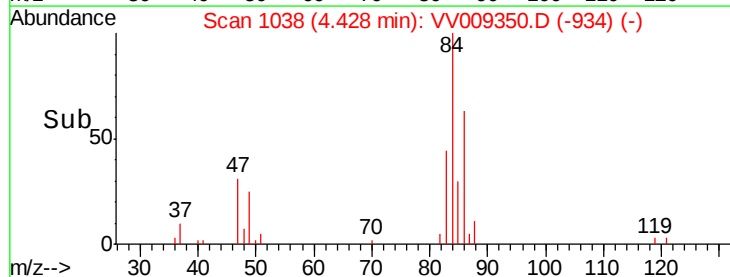
83 100

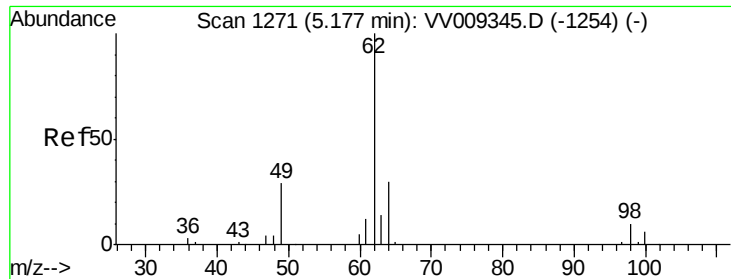
85 84.7 47.5 88.3



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

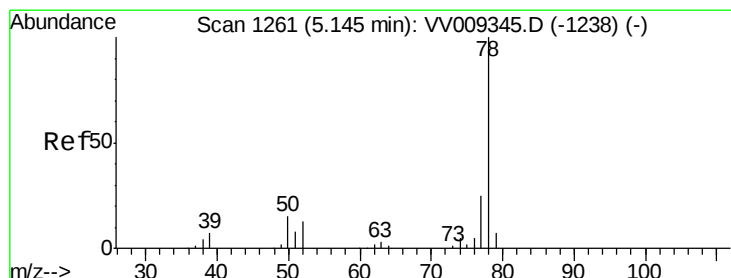
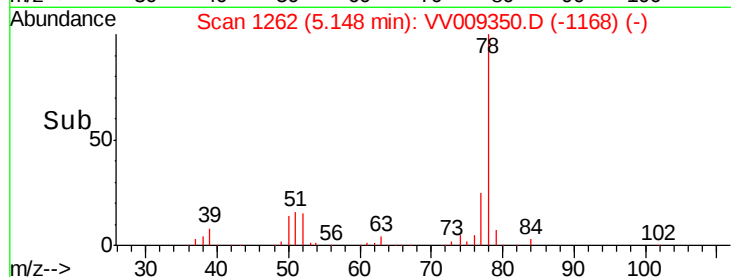
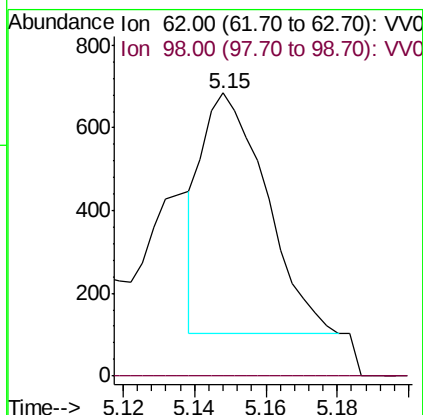
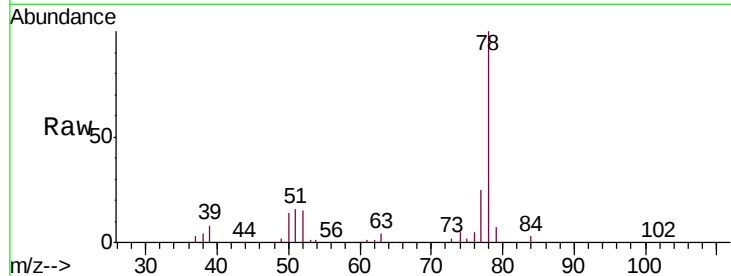




#27
 1,2-Dichloroethane
 Concen: 0.426 ug/L
 RT: 5.15 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: VV009350.D
 Acq: 25 Feb 2019 15:49

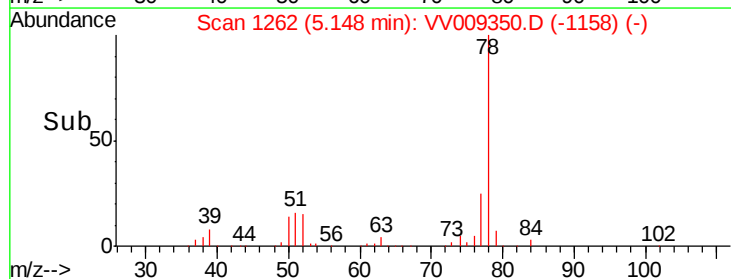
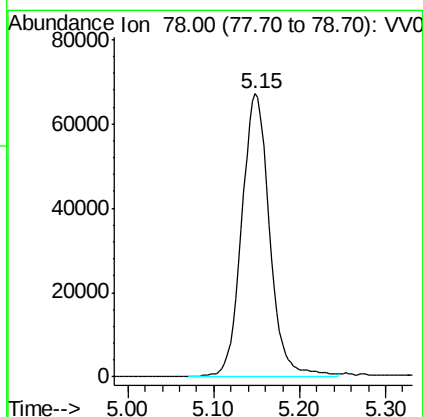
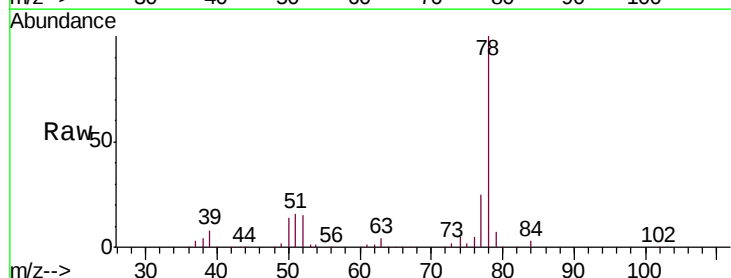
Instrument :
 MSVOA_V
 ClientSampleId :
 DB609MSD

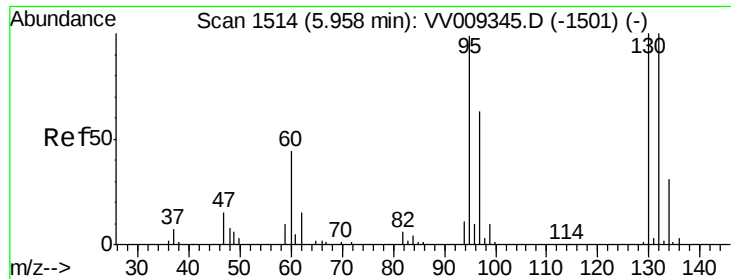
Tgt Ion: 62 Resp: 728
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.5 12.7#



#34
 Benzene
 Concen: 28.046 ug/L
 RT: 5.15 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VV009350.D
 Acq: 25 Feb 2019 15:49

Tgt Ion: 78 Resp: 151949

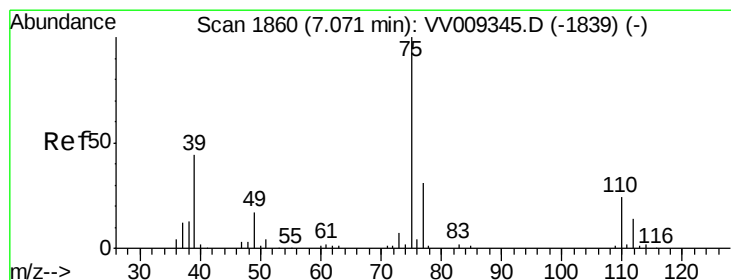
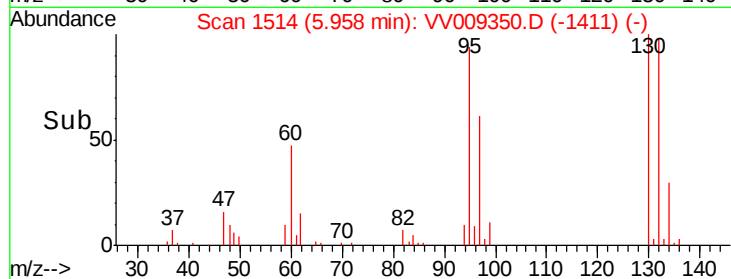
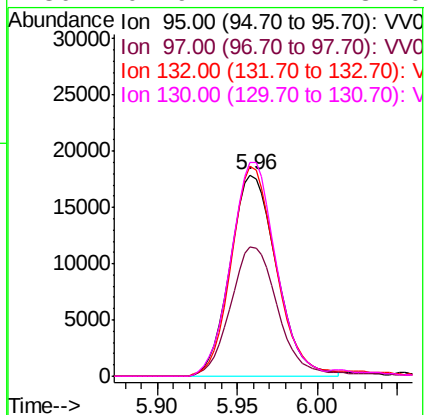
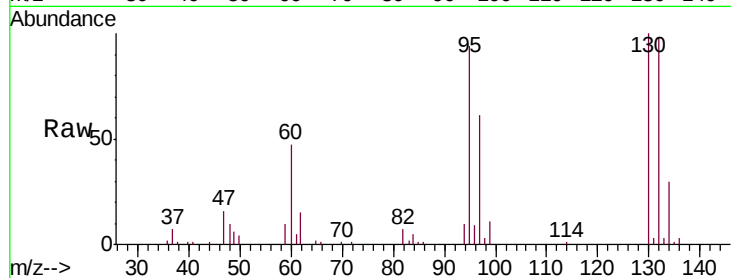




#35
 Trichloroethene
 Concen: 23.604 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV009350.D
 Acq: 25 Feb 2019 15:49

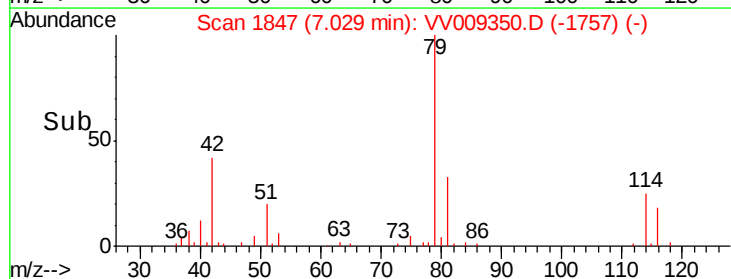
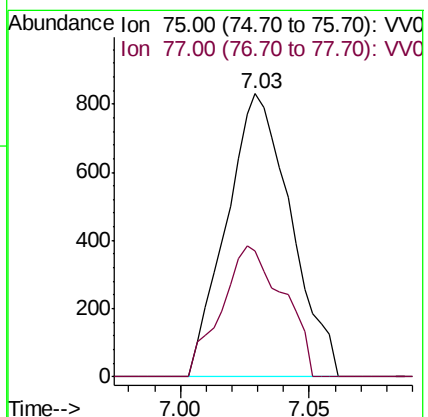
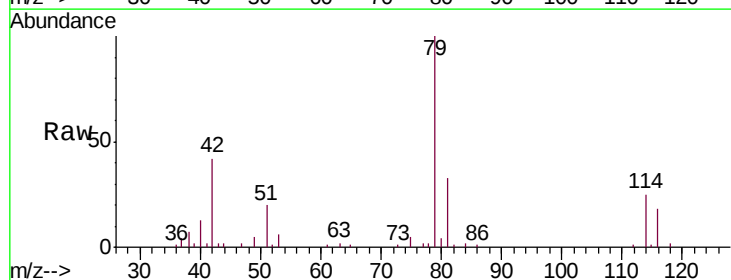
Instrument :
 MSVOA_V
 ClientSampleId :
 DB609MSD

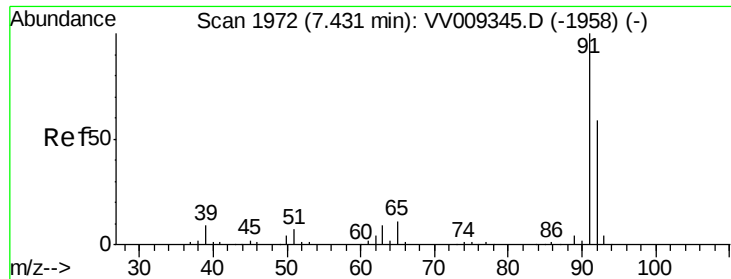
Tgt Ion: 95 Resp: 35570
 Ion Ratio Lower Upper
 95 100
 97 65.4 45.0 83.6
 132 99.1 68.7 127.5
 130 102.9 72.2 134.0



#42
 cis-1,3-Dichloropropene
 Concen: 0.648 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009350.D
 Acq: 25 Feb 2019 15:49

Tgt Ion: 75 Resp: 1446
 Ion Ratio Lower Upper
 75 100
 77 44.3 22.0 40.8#





#44

Toluene

Concen: 27.171 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV009350.D

Acq: 25 Feb 2019 15:49

Instrument :

MSVOA_V

ClientSampleId :

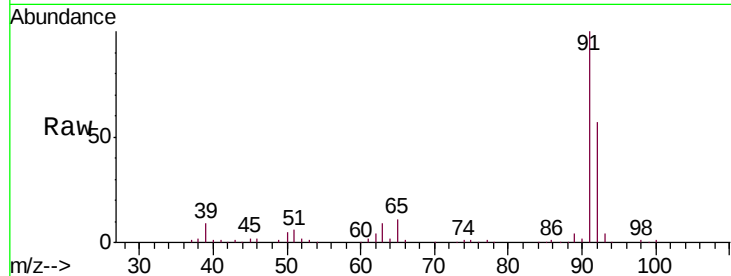
DB609MSD

Tgt Ion: 91 Resp: 163271

Ion Ratio Lower Upper

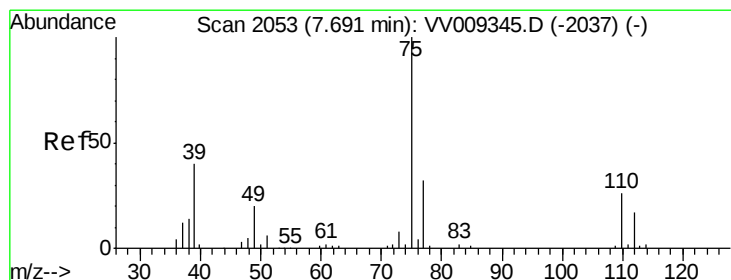
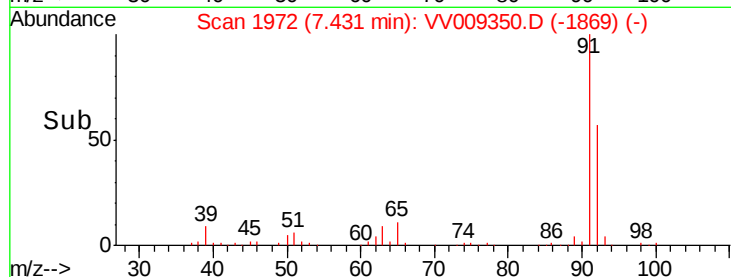
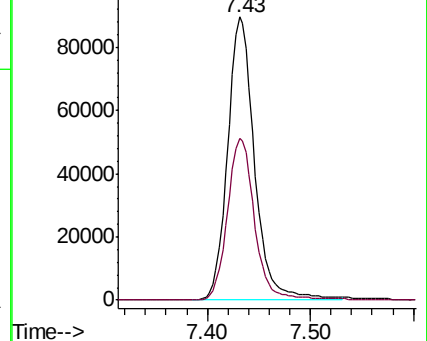
91 100

92 57.0 40.5 75.3



Abundance Ion 91.00 (90.70 to 91.70): VV009345.D (-1958) (-)

Ion 92.00 (91.70 to 92.70): VV009345.D (-1958) (-)



#45

trans-1,3-Dichloropropene

Concen: 0.461 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV009350.D

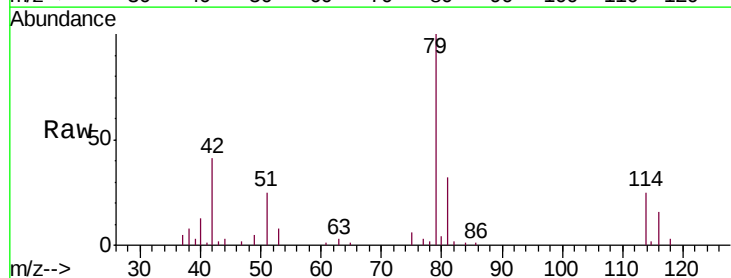
Acq: 25 Feb 2019 15:49

Tgt Ion: 75 Resp: 900

Ion Ratio Lower Upper

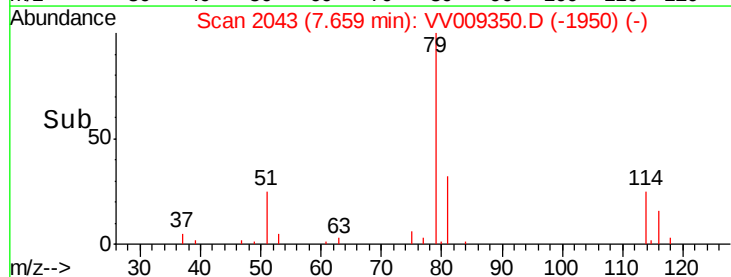
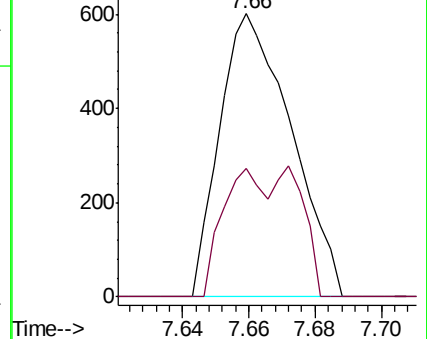
75 100

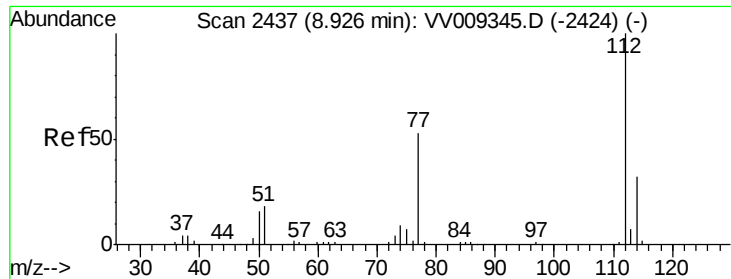
77 45.3 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VV009345.D (-2037) (-)

Ion 77.00 (76.70 to 77.70): VV009345.D (-2037) (-)





#52

Chlorobenzene

Concen: 25.708 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. -0.00 min

Lab File: VV009350.D

Acq: 25 Feb 2019 15:49

Instrument :

MSVOA_V

ClientSampleId :

DB609MSD

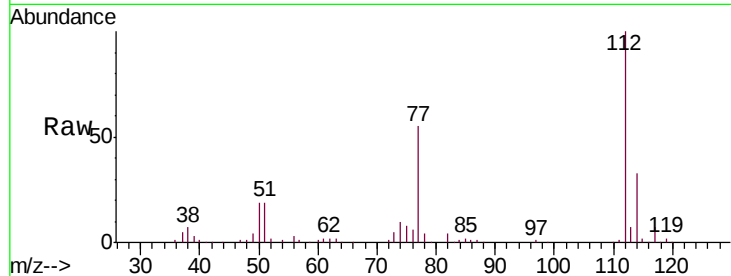
Tgt Ion: 112 Resp: 100586

Ion Ratio Lower Upper

112 100

77 54.7 45.0 67.4

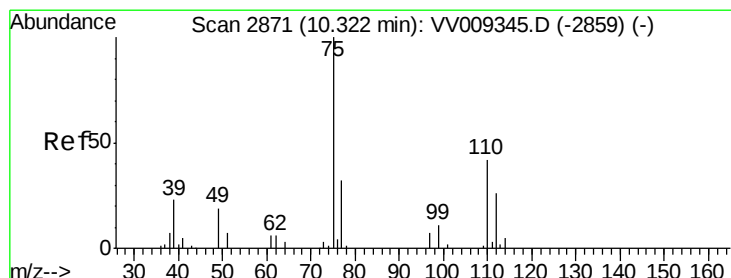
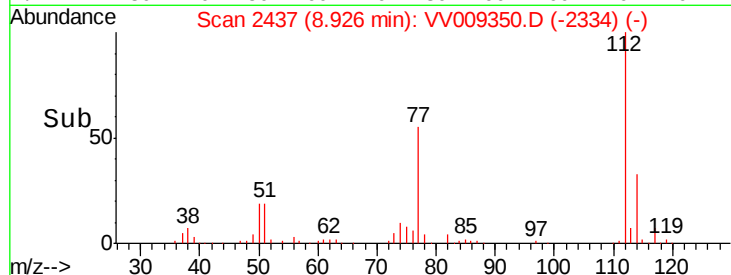
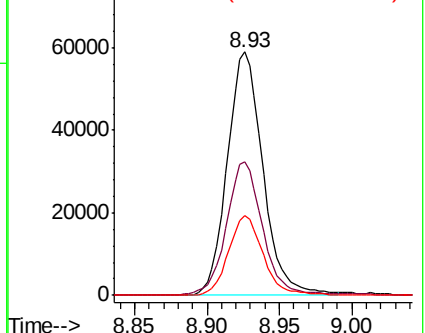
114 32.9 22.0 41.0



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VV0

Ion 114.00 (113.70 to 114.70): V



#59

1,2,3-Trichloropropane

Concen: 4.223 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009350.D

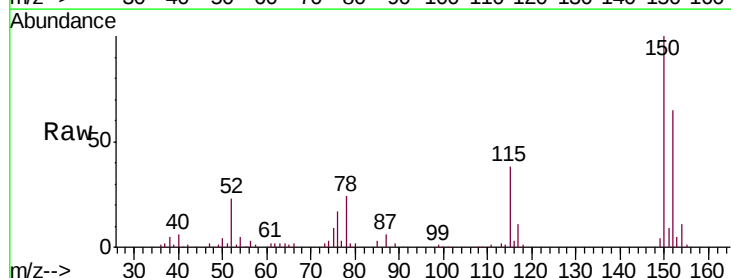
Acq: 25 Feb 2019 15:49

Tgt Ion: 75 Resp: 5001

Ion Ratio Lower Upper

75 100

77 36.5 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

