

Data File : VV009586.D
Acq On : 11 Mar 2019 11:24
Operator : SY/MD
Sample : K1818-11
Misc : 5.46G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0R1

Quant Time: Mar 11 12:04:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 12:01:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	119649	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	113228	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50264	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24397	16.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.76%
7) Chloroethane-d5	1.58	69	27687	13.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.16%
10) 1,1-Dichloroethene-d2	2.13	63	58020	15.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.92%
20) 2-Butanone-d5	3.93	46	18669	38.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.08%
24) Chloroform-d	4.40	84	57536	20.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.76%
26) 1,2-Dichloroethane-d4	5.08	65	38858	23.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.84%
29) Benzene-d6	5.10	84	130065	23.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.76%
33) 1,2-Dichloropropane-d6	6.12	67	42156	25.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.88%
37) Toluene-d8	7.36	98	128381	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.92%
38) trans-1,3-Dichloropropene-	7.66	79	16556	20.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.56%
39) 2-Hexanone-d5	8.13	63	12658	32.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.54%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	36190	20.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.08%
61) 1,2-Dichlorobenzene-d4	11.68	152	44757	24.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.56%

Target Compounds

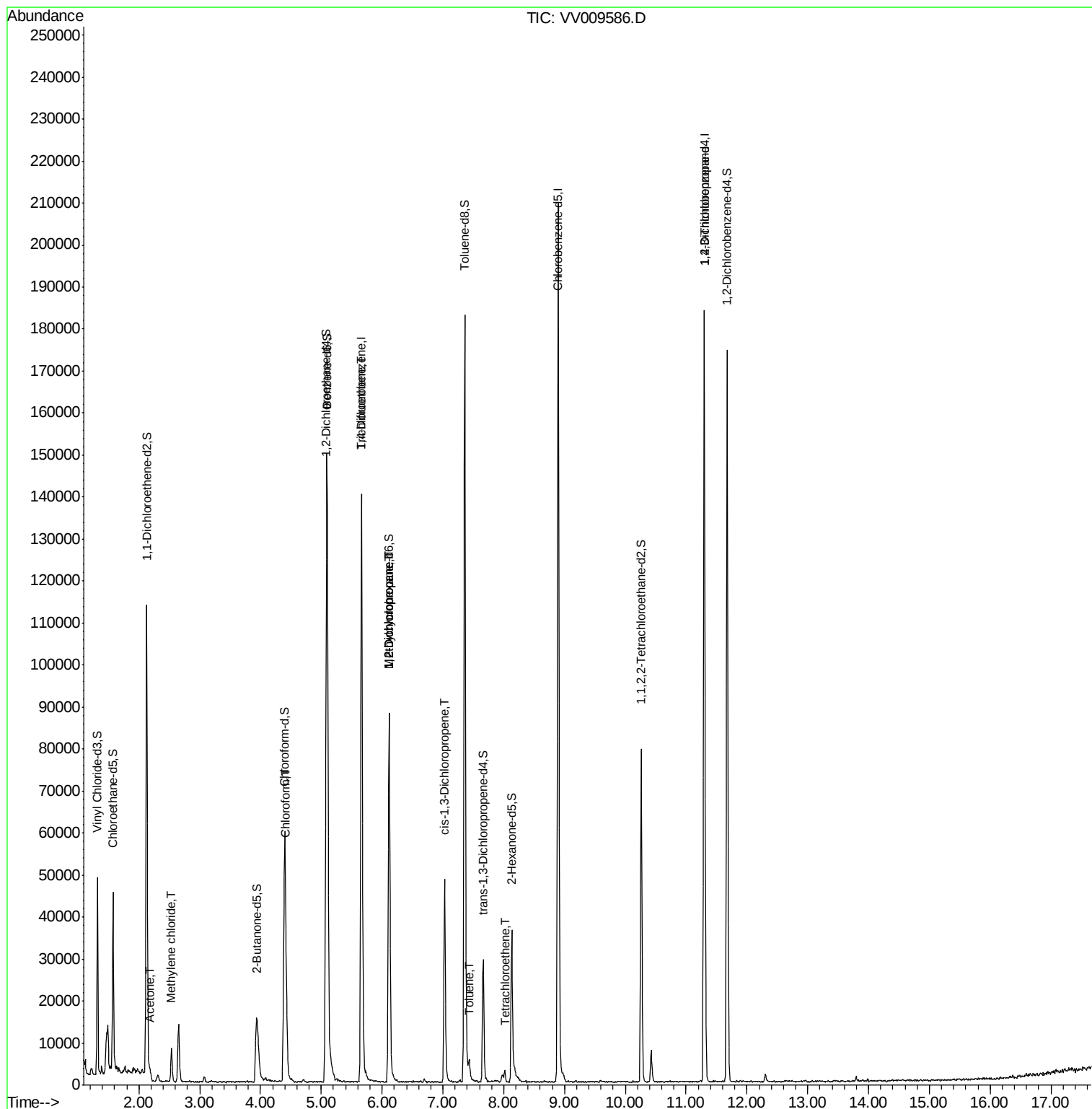
					Qvalue
13) Acetone	2.18	43	1083	2.170 ug/L	86
16) Methylene chloride	2.54	84	3184	2.028 ug/L	81
25) Chloroform	4.42	83	5303	1.887 ug/L #	1
35) Trichloroethene	5.66	95	3572	2.124 ug/L #	6
36) Methylcyclohexane	6.12	83	9998	3.650 ug/L #	20
40) 1,2-Dichloropropane	6.12	63	4684	3.105 ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	1720	0.734 ug/L #	65
44) Toluene	7.43	91	2959	0.447 ug/L	86
47) Tetrachloroethene	8.02	164	436	0.342 ug/L	94
59) 1,2,3-Trichloropropane	11.30	75	7127	5.587 ug/L	94

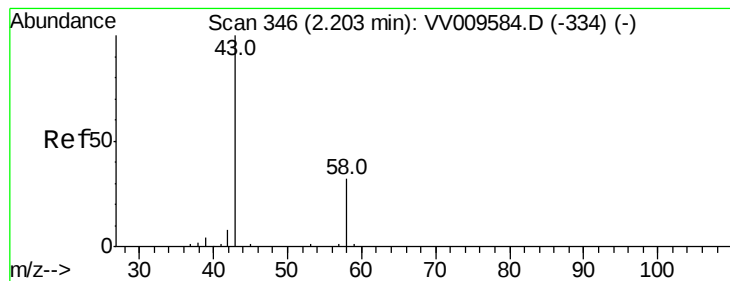
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009586.D
Acq On : 11 Mar 2019 11:24
Operator : SY/MD
Sample : K1818-11
Misc : 5.46G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0R1

Quant Time: Mar 11 12:04:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 12:01:50 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.170 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.02 min

Lab File: VV009586.D

Acq: 11 Mar 2019 11:24

Instrument :

MSVOA_V

ClientSampleId :

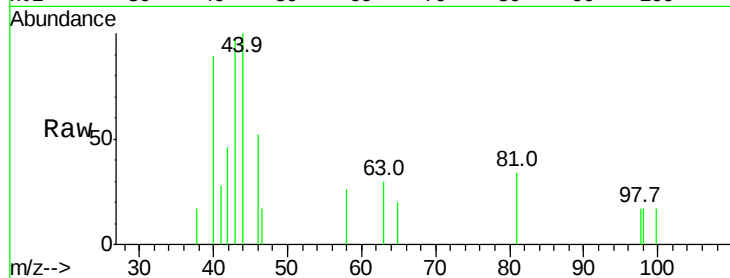
BF0R1

Tgt Ion: 43 Resp: 1083

Ion Ratio Lower Upper

43 100

58 26.1 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.18

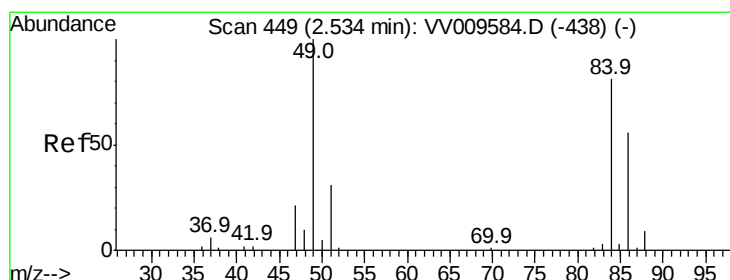
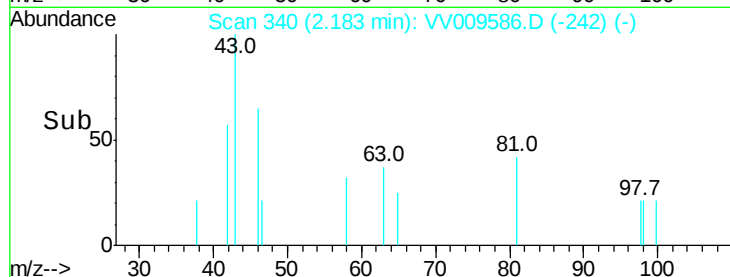
600

400

200

0

Time--> 2.14 2.16 2.18 2.20 2.22



#16

Methylene chloride

Concen: 2.028 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009586.D

Acq: 11 Mar 2019 11:24

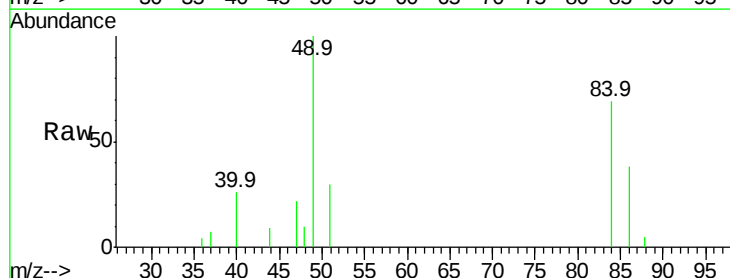
Tgt Ion: 84 Resp: 3184

Ion Ratio Lower Upper

84 100

49 145.9 84.6 157.0

86 54.8 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

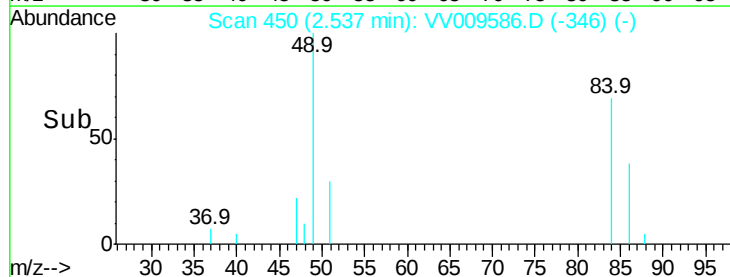
3000

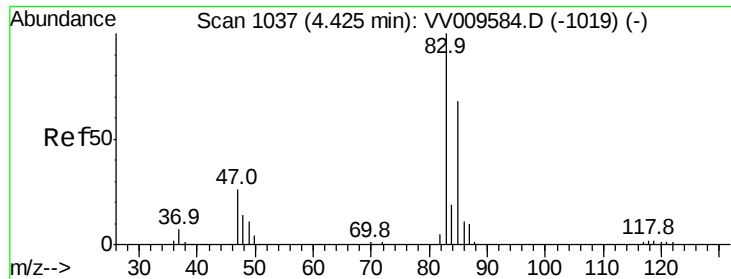
2000

1000

0

Time--> 2.50 2.55

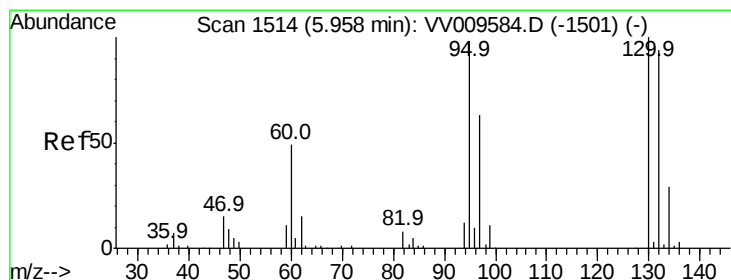
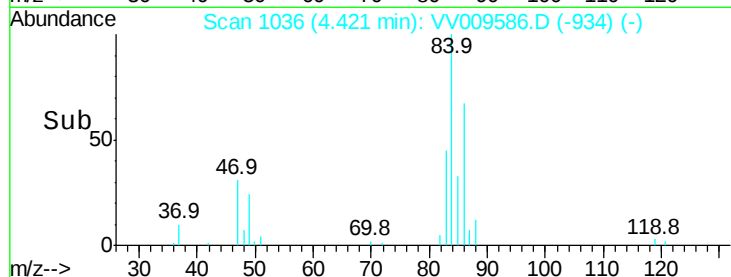
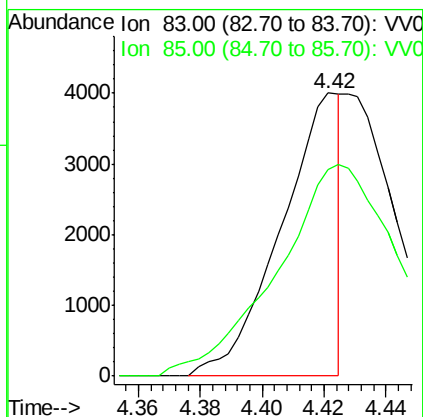
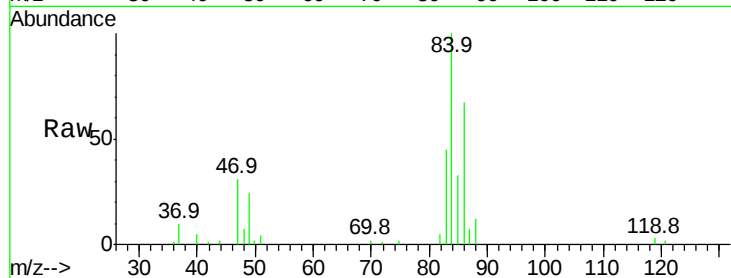




#25
Chloroform
Concen: 1.887 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV009586.D
Acq: 11 Mar 2019 11:24

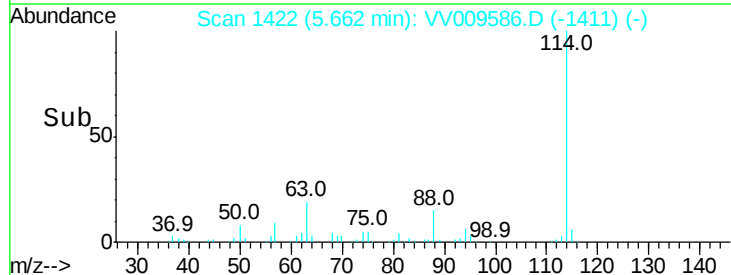
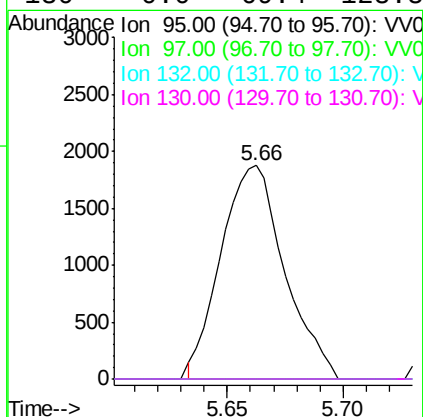
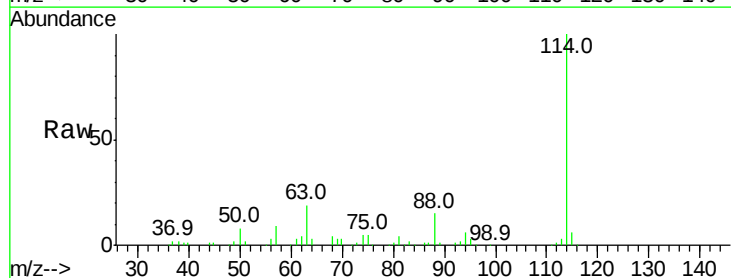
Instrument :
MSVOA_V
ClientSampleId :
BF0R1

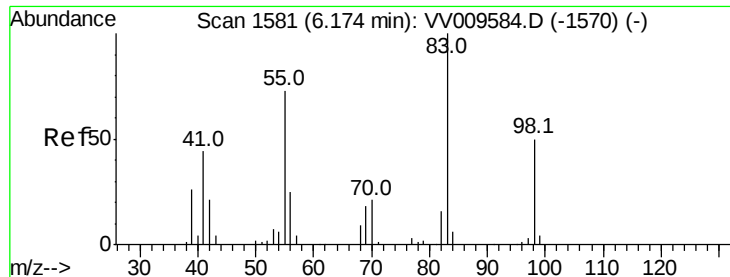
Tgt Ion: 83 Resp: 5303
Ion Ratio Lower Upper
83 100
85 153.6 45.4 84.2#



#35
Trichloroethene
Concen: 2.124 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.30 min
Lab File: VV009586.D
Acq: 11 Mar 2019 11:24

Tgt Ion: 95 Resp: 3572
Ion Ratio Lower Upper
95 100
97 0.0 44.3 82.3#
132 0.0 64.4 119.6#
130 0.0 69.4 128.8#

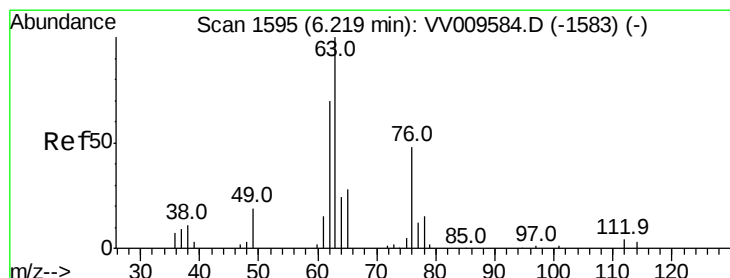
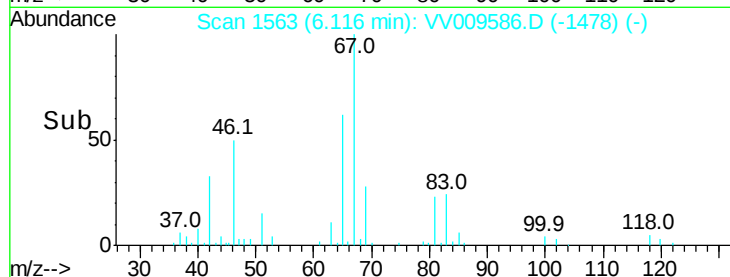
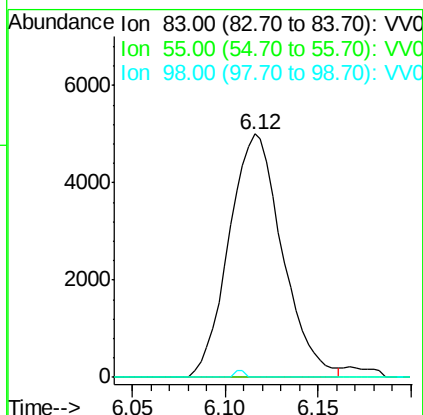
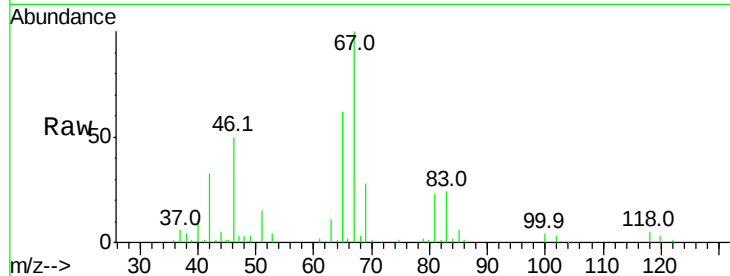




#36
Methylcyclohexane
Concen: 3.650 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009586.D
Acq: 11 Mar 2019 11:24

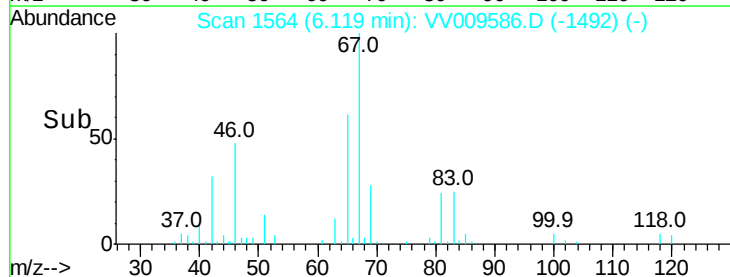
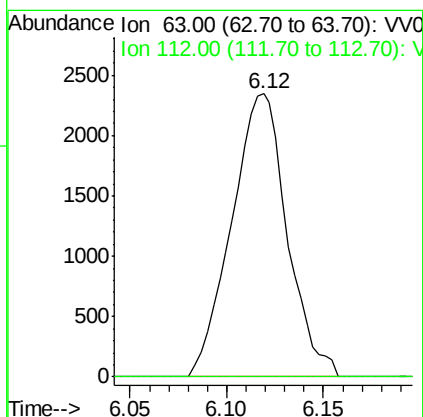
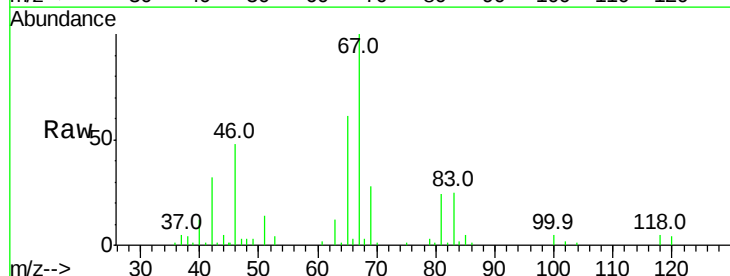
Instrument :
MSVOA_V
ClientSampleId :
BF0R1

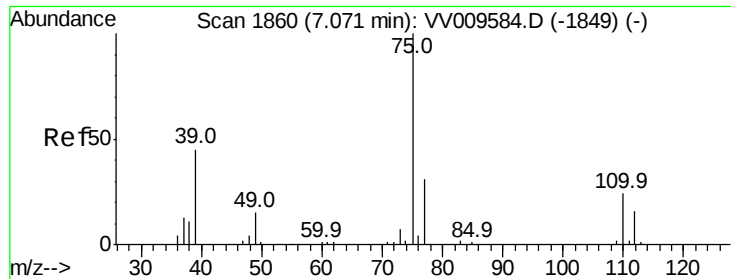
Tgt Ion: 83 Resp: 9998
Ion Ratio Lower Upper
83 100
55 0.0 58.8 88.2#
98 0.5 37.7 56.5#



#40
1,2-Dichloropropane
Concen: 3.105 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009586.D
Acq: 11 Mar 2019 11:24

Tgt Ion: 63 Resp: 4684
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



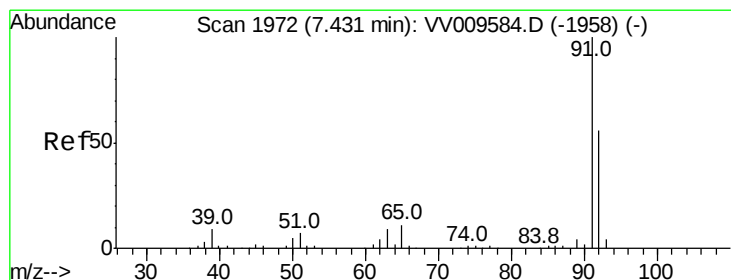
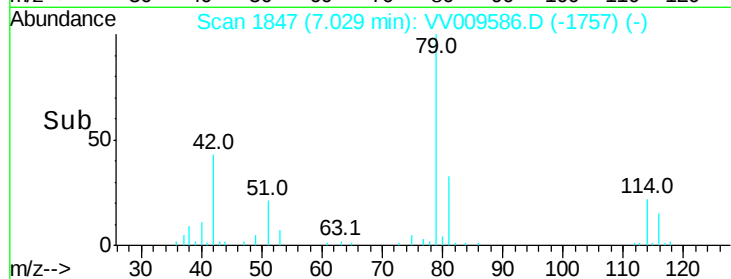
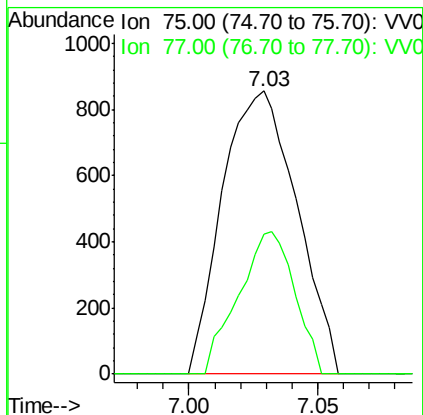
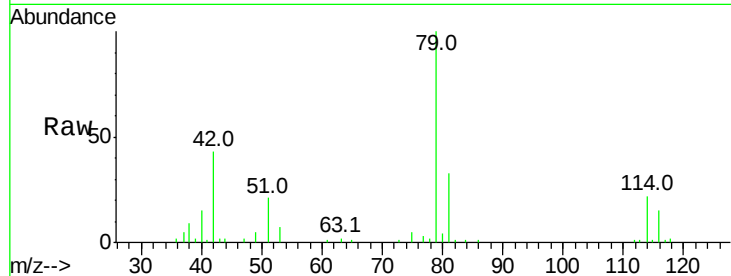


#42

cis-1,3-Dichloropropene
Concen: 0.734 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009586.D
Acq: 11 Mar 2019 11:24

Instrument :
MSVOA_V
ClientSampleId :
BF0R1

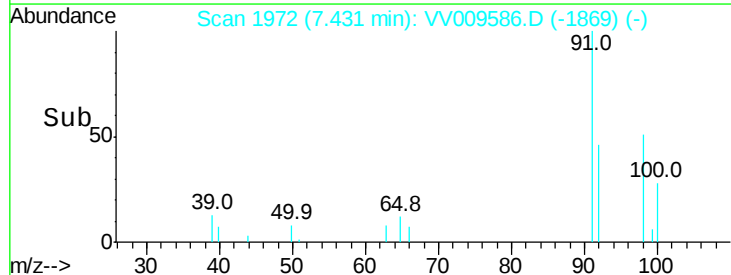
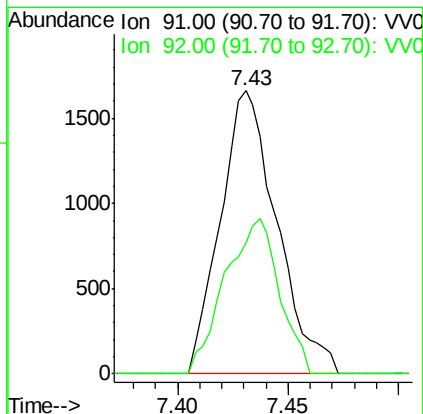
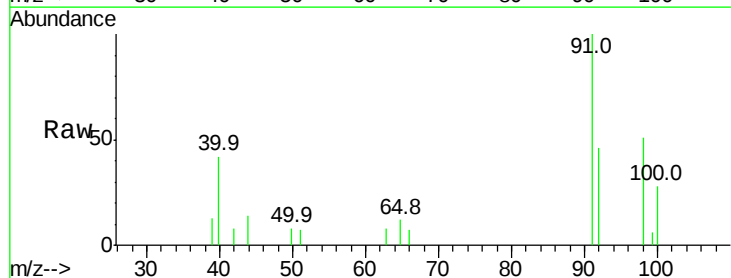
Tgt Ion: 75 Resp: 1720
Ion Ratio Lower Upper
75 100
77 49.5 21.4 39.8#

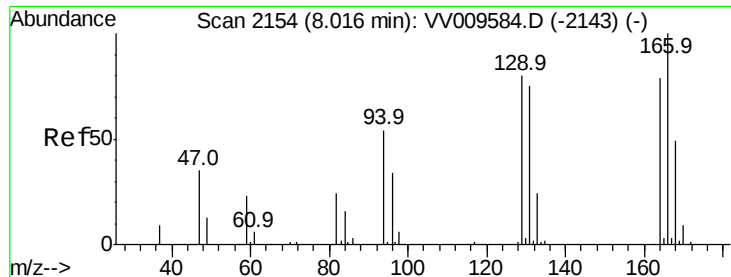


#44

Toluene
Concen: 0.447 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV009586.D
Acq: 11 Mar 2019 11:24

Tgt Ion: 91 Resp: 2959
Ion Ratio Lower Upper
91 100
92 46.3 39.6 73.6





#47

Tetrachloroethene

Concen: 0.342 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV009586.D

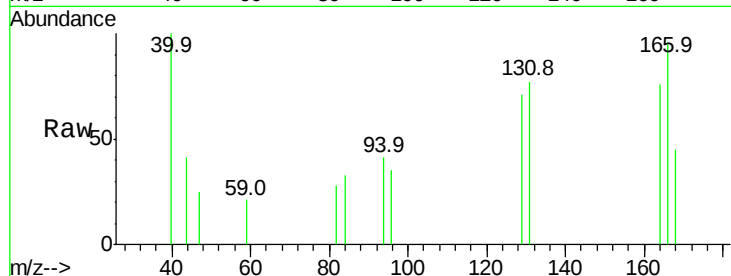
Acq: 11 Mar 2019 11:24

Instrument :

MSVOA_V

ClientSampleId :

BF0R1



Tgt Ion:164 Resp: 436

Ion Ratio Lower Upper

164 100

129 92.8 67.7 125.7

131 100.5 67.5 125.3

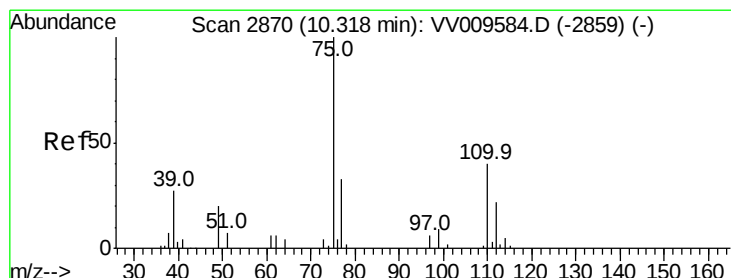
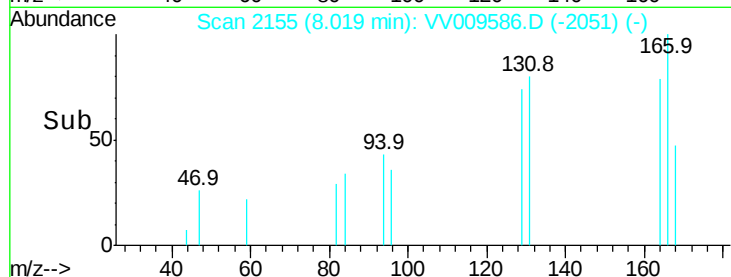
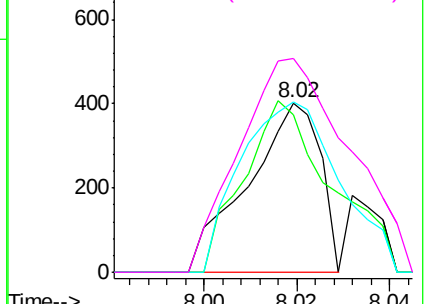
166 126.1 81.6 151.6

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 5.587 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009586.D

Acq: 11 Mar 2019 11:24

Tgt Ion: 75 Resp: 7127

Ion Ratio Lower Upper

75 100

77 35.6 25.9 38.9

Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

