

Data File : VV009529.D
Acq On : 07 Mar 2019 15:14
Operator : SY/MD
Sample : K1789-01
Misc : 5.55G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0N7

Quant Time: Mar 08 03:05:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 08 03:01:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	159964	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	153422	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69947	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41185	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.56%
7) Chloroethane-d5	1.58	69	43018	15.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.80%
10) 1,1-Dichloroethene-d2	2.13	63	88606	17.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.72%
20) 2-Butanone-d5	3.94	46	18828	28.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.38%
24) Chloroform-d	4.40	84	95632	25.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.36%
26) 1,2-Dichloroethane-d4	5.08	65	49851	23.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.00%
29) Benzene-d6	5.10	84	195413	25.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.88%
33) 1,2-Dichloropropane-d6	6.12	67	58213	25.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.84%
37) Toluene-d8	7.36	98	189567	25.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.36%
38) trans-1,3-Dichloropropene-	7.66	79	22520	20.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.88%
39) 2-Hexanone-d5	8.13	63	15673	29.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.90%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42225	17.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	63215	24.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.04%

Target Compounds

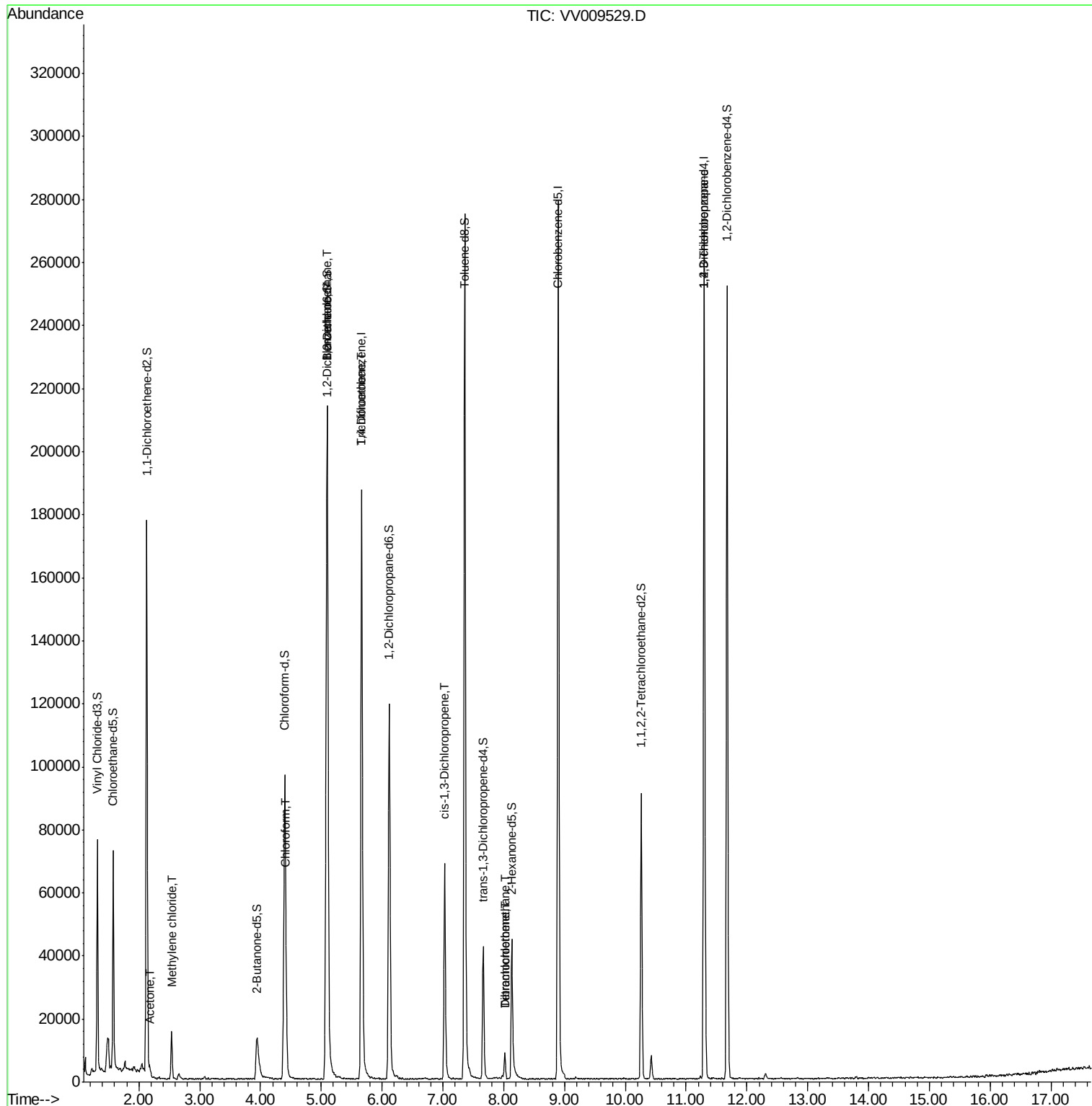
					Qvalue
13) Acetone	2.19	43	1327	1.989 ug/L	54
16) Methylene chloride	2.54	84	6044	2.879 ug/L	87
25) Chloroform	4.43	83	2214	0.589 ug/L	94
27) 1,2-Dichloroethane	5.10	62	1082	0.415 ug/L #	77
35) Trichloroethene	5.66	95	5098	2.238 ug/L #	6
42) cis-1,3-Dichloropropene	7.03	75	2195	0.692 ug/L #	71
47) Tetrachloroethene	8.02	164	1685	0.975 ug/L	92
50) Dibromochloromethane	8.02	129	1682	0.818 ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	9930	5.745 ug/L	90

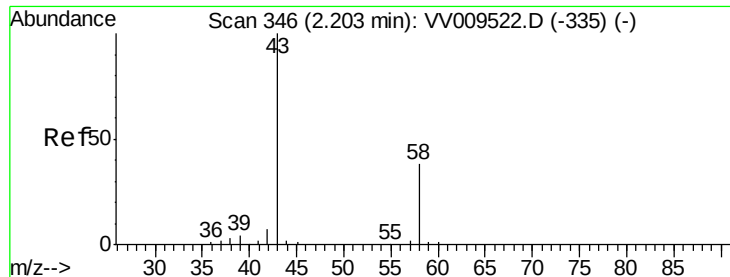
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.989 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

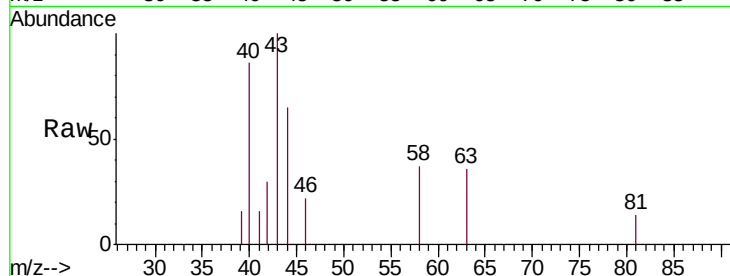
BF0N7

Tgt Ion: 43 Resp: 1327

Ion Ratio Lower Upper

43 100

58 7.9 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009522.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VV009522.D (-335) (-)

2.19

800

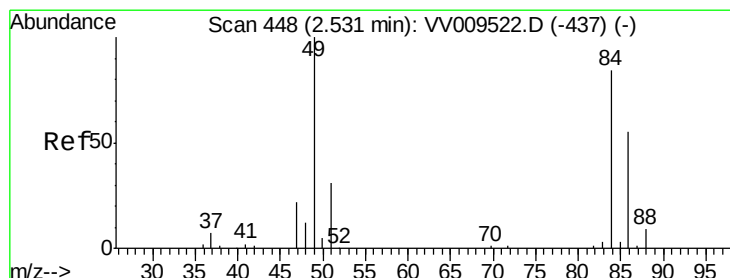
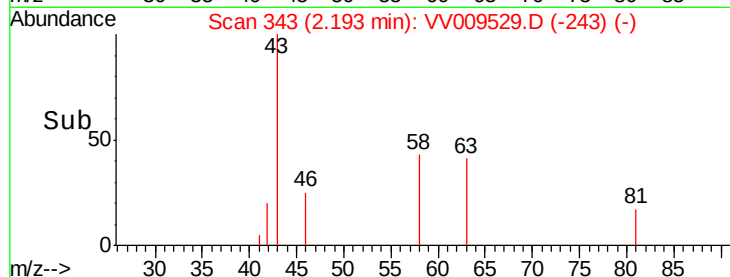
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 2.879 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

Lab File: VV009529.D

Acq: 07 Mar 2019 15:14

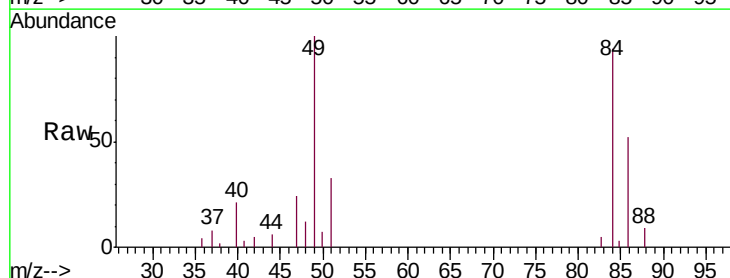
Tgt Ion: 84 Resp: 6044

Ion Ratio Lower Upper

84 100

49 106.6 84.6 157.0

86 55.1 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009522.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009522.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009522.D (-437) (-)

2.54

5000

4000

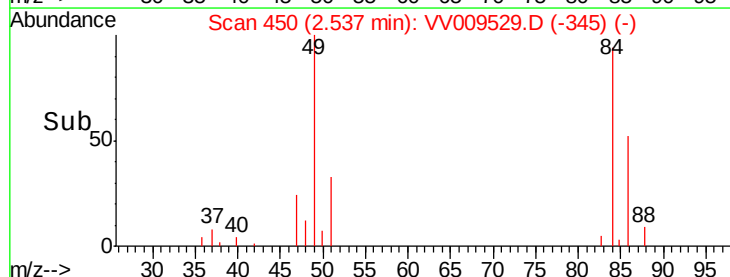
3000

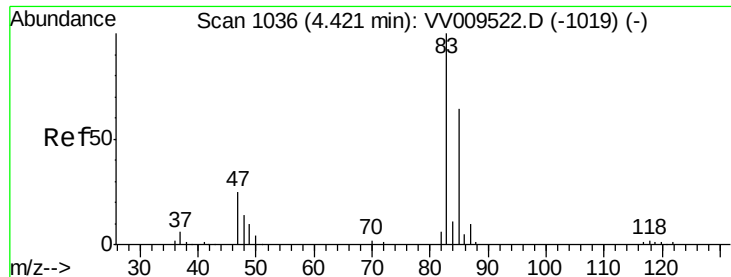
2000

1000

0

Time-->

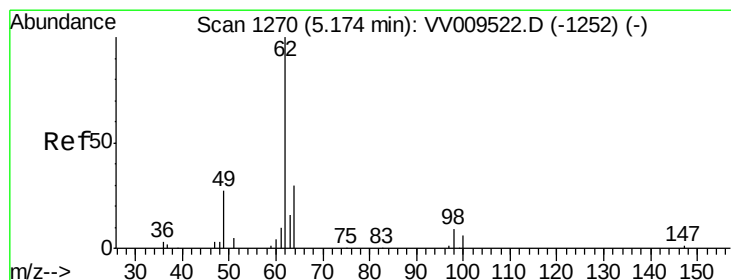
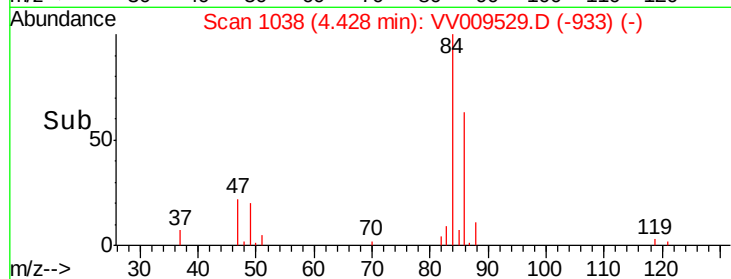
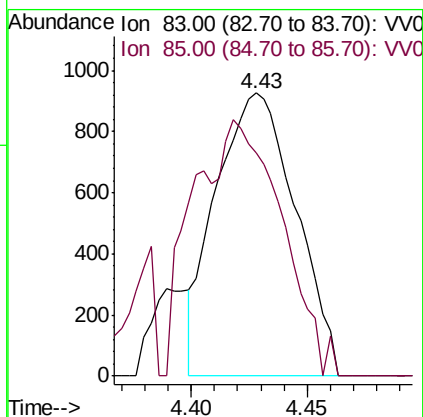
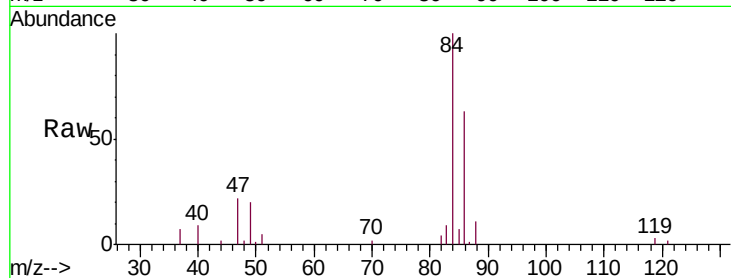




#25
Chloroform
Concen: 0.589 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV009529.D
Acq: 07 Mar 2019 15:14

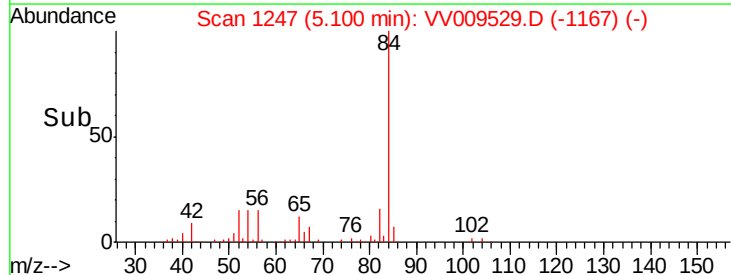
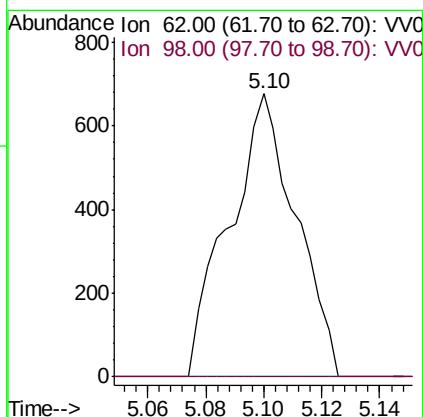
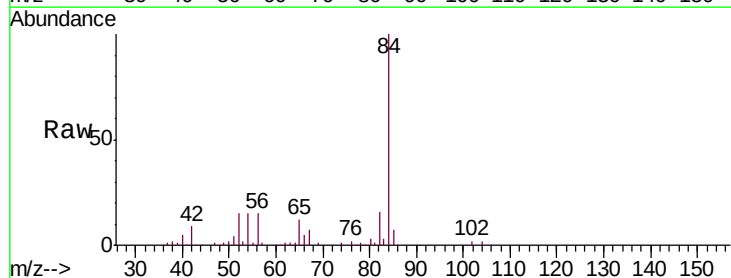
Instrument :
MSVOA_V
ClientSampleId :
BF0N7

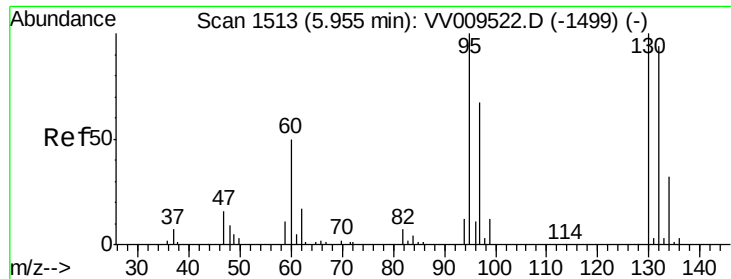
Tgt Ion: 83 Resp: 2214
Ion Ratio Lower Upper
83 100
85 69.6 45.4 84.2



#27
1,2-Dichloroethane
Concen: 0.415 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.07 min
Lab File: VV009529.D
Acq: 07 Mar 2019 15:14

Tgt Ion: 62 Resp: 1082
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

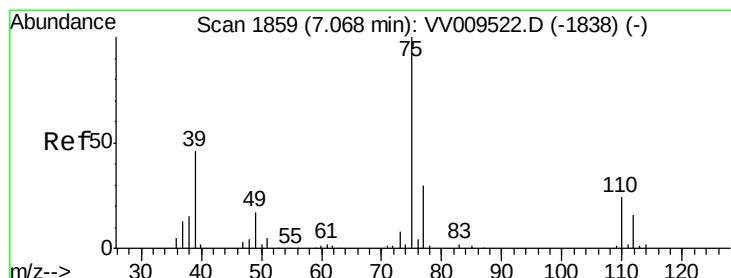
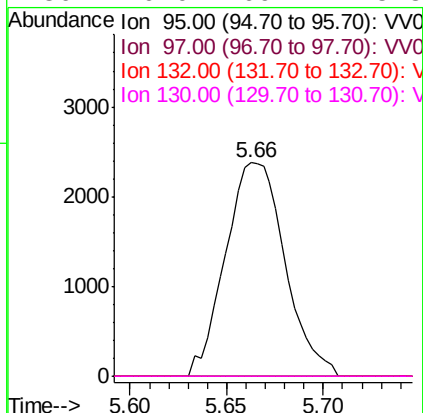
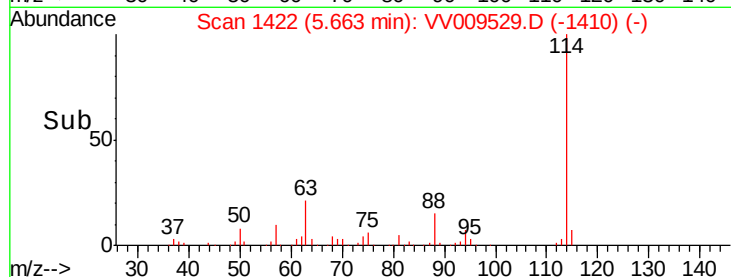
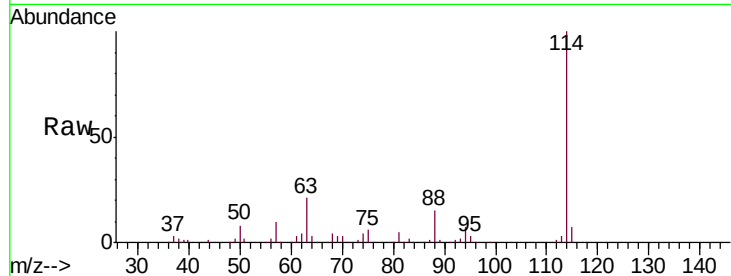




#35
 Trichloroethene
 Concen: 2.238 ug/L
 RT: 5.66 min Scan# 1422
 Delta R.T. -0.29 min
 Lab File: VV009529.D
 Acq: 07 Mar 2019 15:14

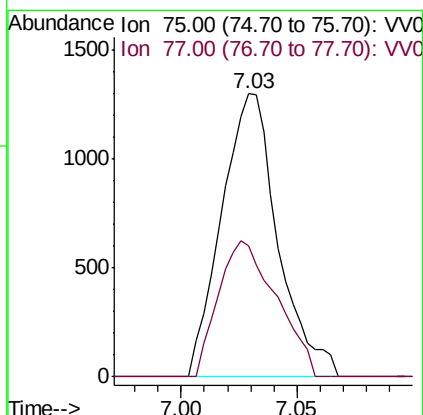
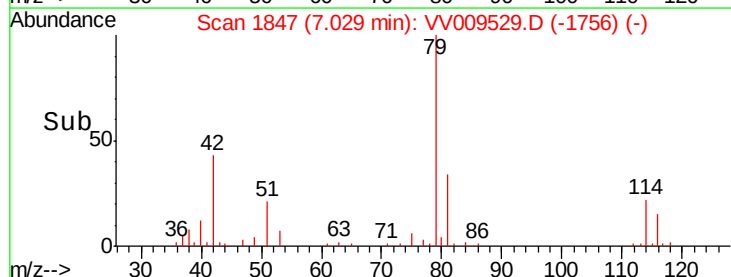
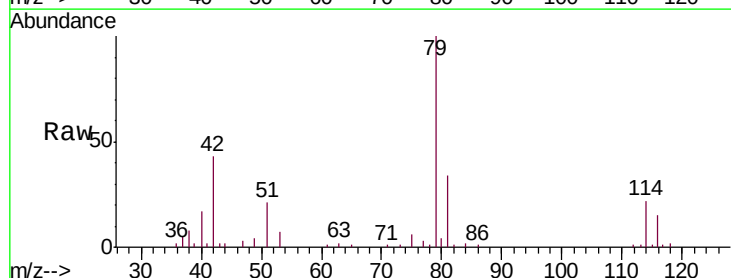
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0N7

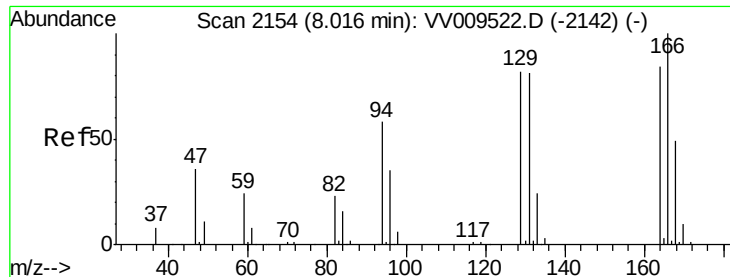
Tgt Ion: 95 Resp: 5098
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.3 82.3#
 132 0.0 64.4 119.6#
 130 0.0 69.4 128.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.692 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009529.D
 Acq: 07 Mar 2019 15:14

Tgt Ion: 75 Resp: 2195
 Ion Ratio Lower Upper
 75 100
 77 46.2 21.4 39.8#





#47

Tetrachloroethene

Concen: 0.975 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV009529.D

Acq: 07 Mar 2019 15:14

Instrument :

MSVOA_V

ClientSampleId :

BF0N7

Tgt Ion:164 Resp: 1685

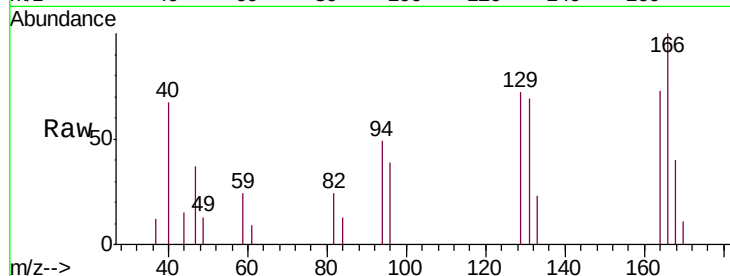
Ion Ratio Lower Upper

164 100

129 97.9 67.7 125.7

131 94.8 67.5 125.3

166 136.6 81.6 151.6

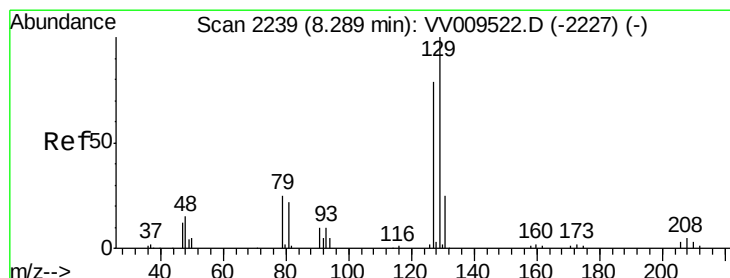
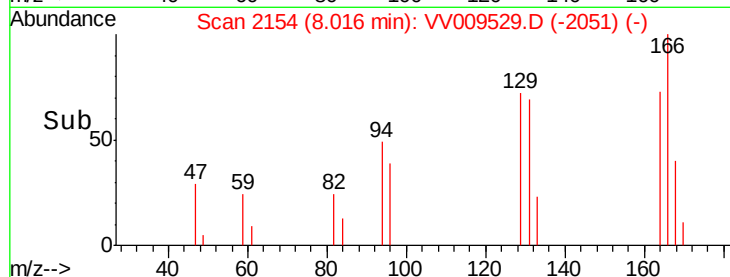
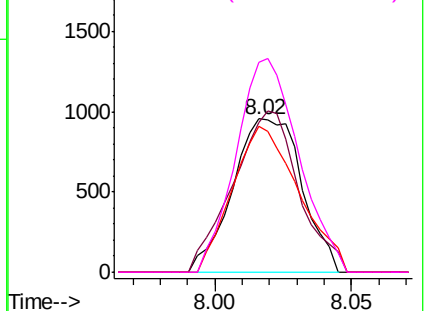


Abundance Ion 164.00 (163.70 to 164.70): V

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



#50

Dibromochloromethane

Concen: 0.818 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV009529.D

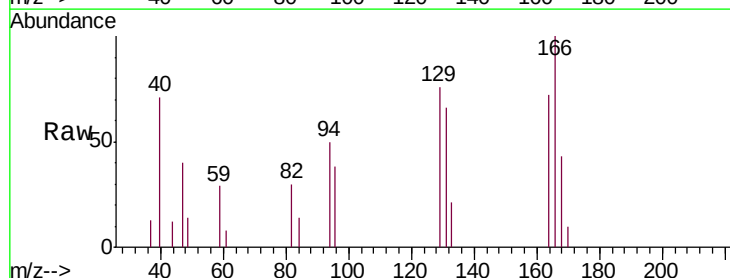
Acq: 07 Mar 2019 15:14

Tgt Ion:129 Resp: 1682

Ion Ratio Lower Upper

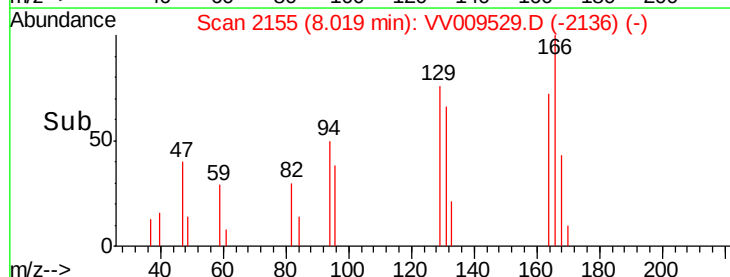
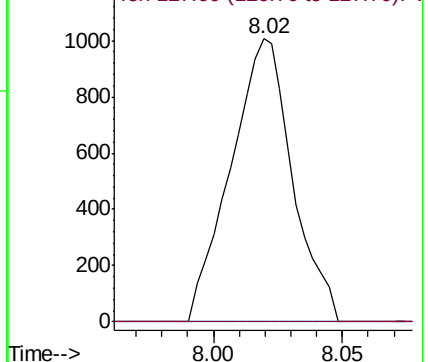
129 100

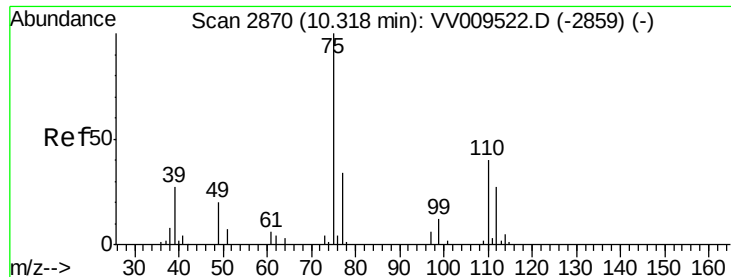
127 0.0 53.7 99.7#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 5.745 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009529.D

Acq: 07 Mar 2019 15:14

Instrument :

MSVOA_V

ClientSampleId :

BF0N7

Tgt Ion: 75 Resp: 9930

Ion Ratio Lower Upper

75 100

77 37.8 25.9 38.9

