

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030819\
 Data File : VV009543.D
 Acq On : 08 Mar 2019 17:12
 Operator : SY/MD
 Sample : K1789-11
 Misc : 5.53G/10ML/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF1J1RE

Quant Time: Mar 09 01:27:19 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	159636	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	150116	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67656	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39322	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.84%
7) Chloroethane-d5	1.58	69	71795	25.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.32%
10) 1,1-Dichloroethene-d2	2.13	63	87863	17.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.28%
20) 2-Butanone-d5	3.95	46	23235	35.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.96%
24) Chloroform-d	4.40	84	94239	24.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.12%
26) 1,2-Dichloroethane-d4	5.08	65	52585	24.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.24%
29) Benzene-d6	5.10	84	188741	25.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.56%
33) 1,2-Dichloropropane-d6	6.12	67	57893	26.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.56%
37) Toluene-d8	7.36	98	182909	25.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.92%
38) trans-1,3-Dichloropropene-	7.66	79	23493	22.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.40%
39) 2-Hexanone-d5	8.13	63	19158	37.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.82%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47601	20.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.44%
61) 1,2-Dichlorobenzene-d4	11.68	152	63183	25.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.32%

Target Compounds

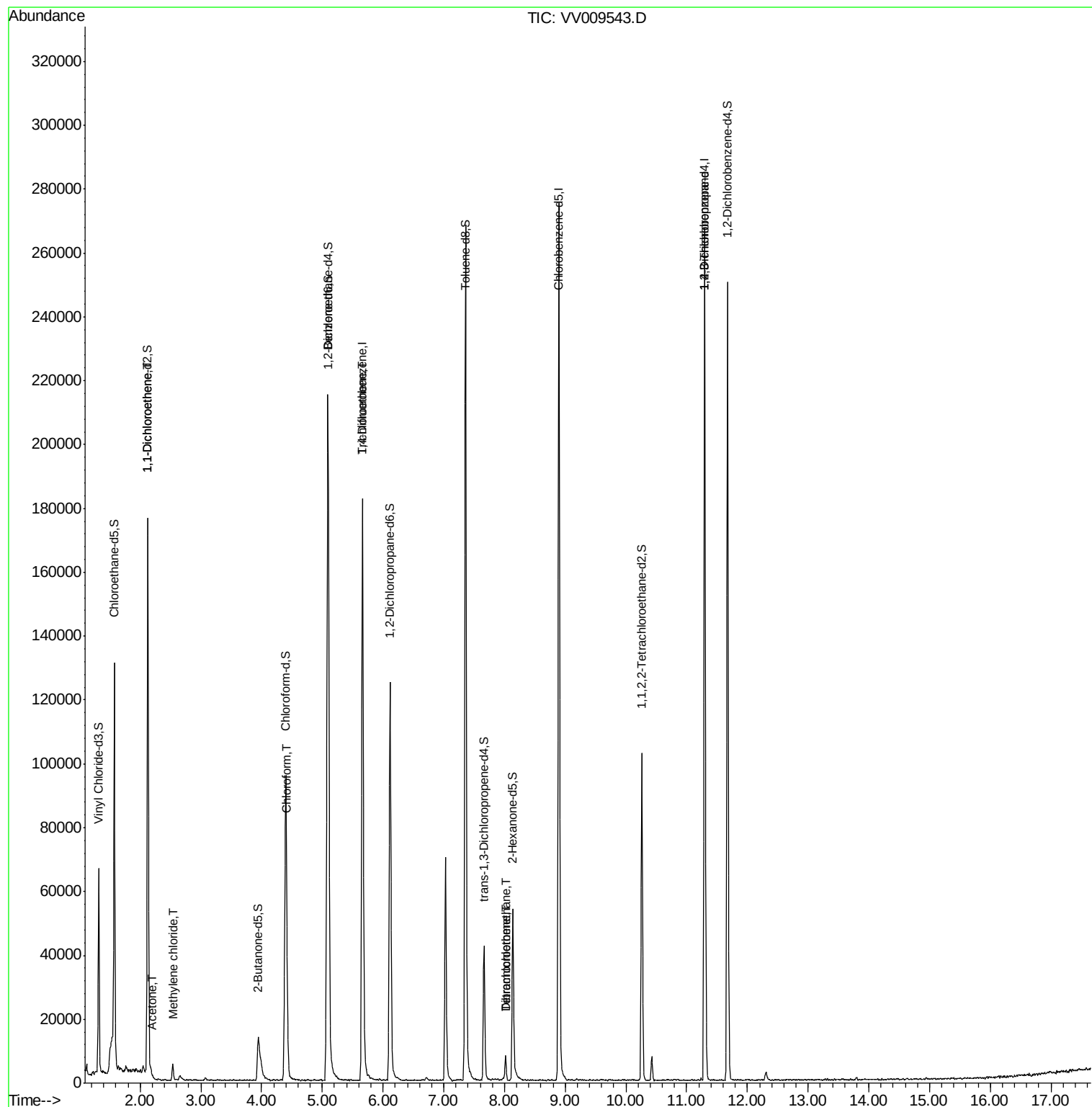
					Qvalue
12) 1,1-Dichloroethene	2.13	96	938	0.442 ug/L #	1
13) Acetone	2.20	43	404	0.607 ug/L	91
16) Methylene chloride	2.53	84	2104	1.004 ug/L	91
25) Chloroform	4.42	83	2182	0.582 ug/L #	70
35) Trichloroethene	5.67	95	4705	2.111 ug/L #	6
47) Tetrachloroethene	8.02	164	1599	0.946 ug/L	97
50) Dibromochloromethane	8.02	129	1709	0.850 ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	10036	5.934 ug/L	96

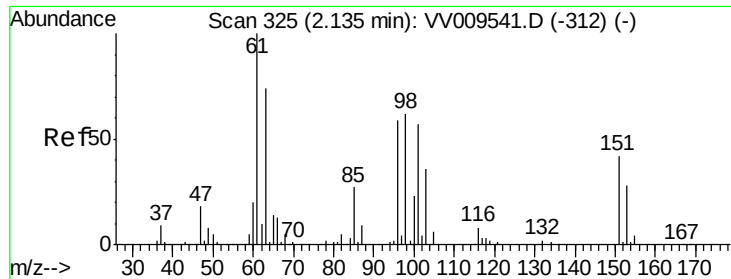
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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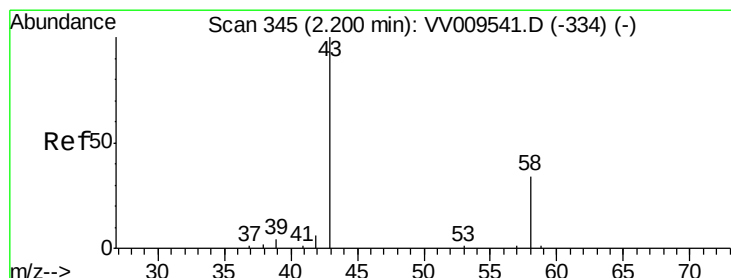
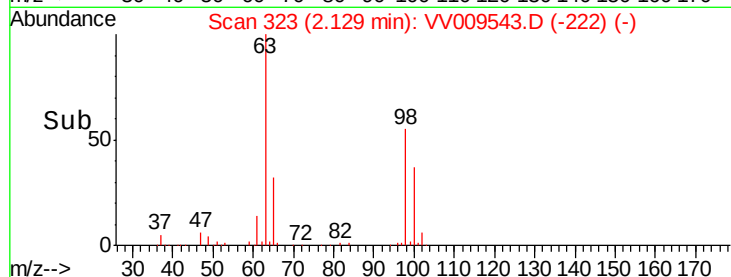
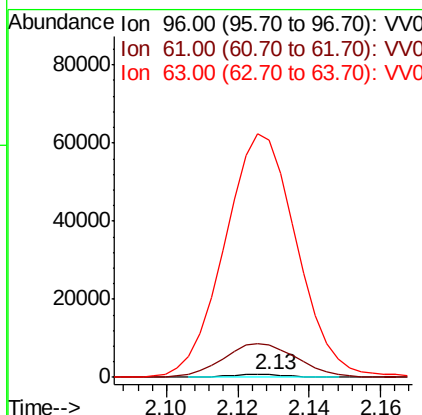
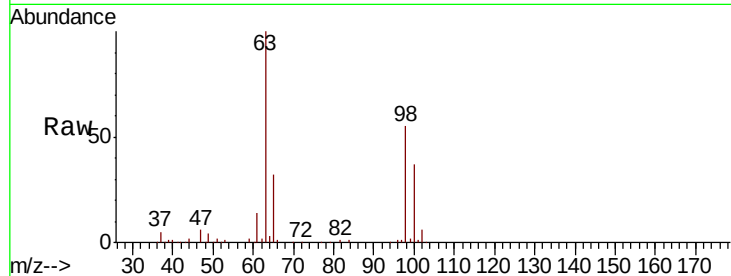




#12
 1,1-Dichloroethene
 Concen: 0.442 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV009543.D
 Acq: 08 Mar 2019 17:12

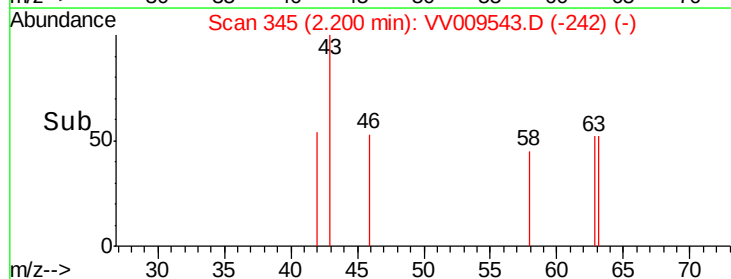
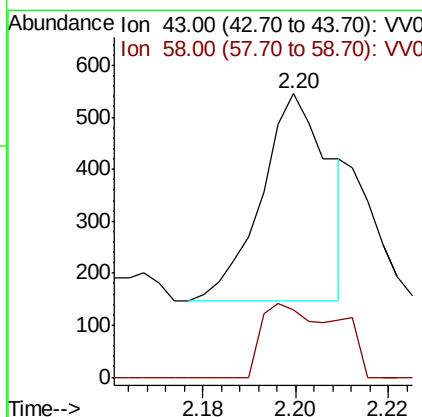
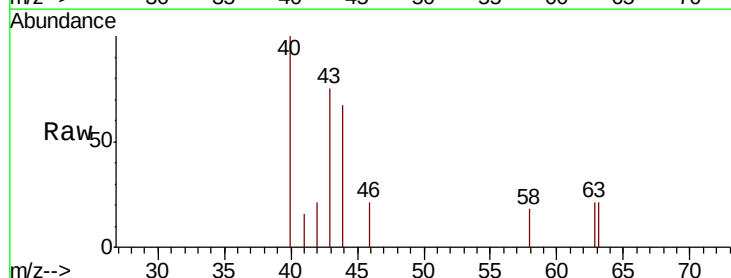
Instrument :
 MSVOA_V
 ClientSampleId :
 BF1J1RE

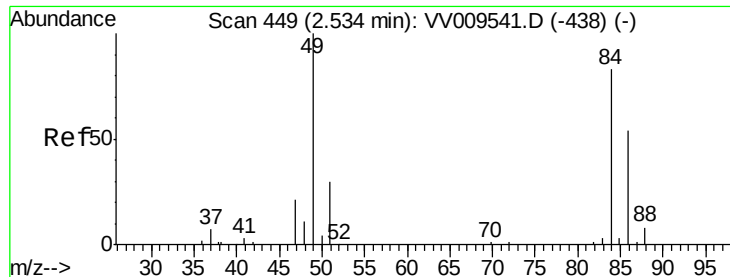
Tgt Ion: 96 Resp: 938
 Ion Ratio Lower Upper
 96 100
 61 1142.3 136.9 254.3#
 63 8441.7 108.7 201.9#



#13
 Acetone
 Concen: 0.607 ug/L
 RT: 2.20 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VV009543.D
 Acq: 08 Mar 2019 17:12

Tgt Ion: 43 Resp: 404
 Ion Ratio Lower Upper
 43 100
 58 29.0 0.0 68.8

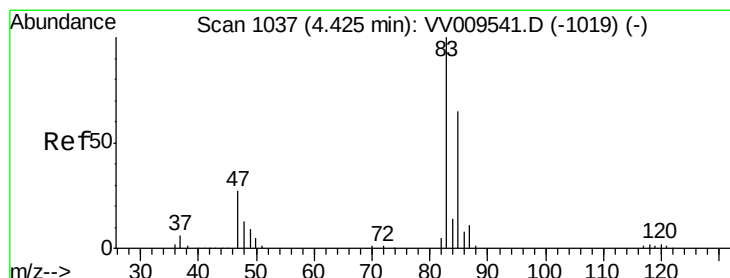
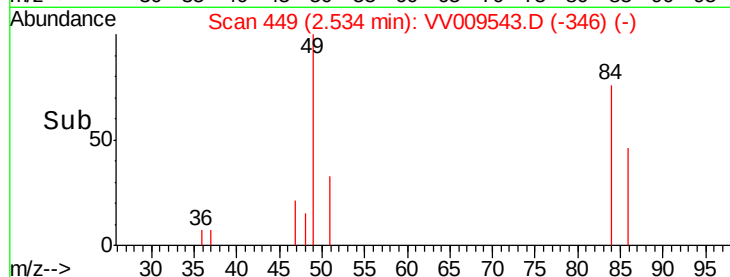
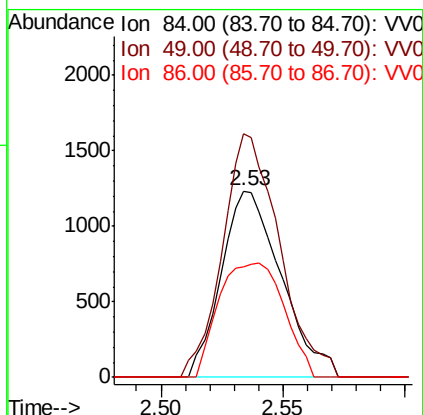
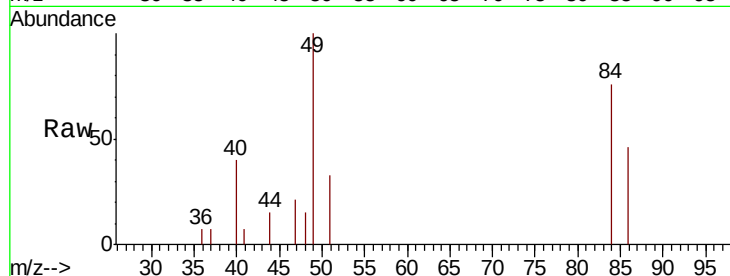




#16
Methylene chloride
Concen: 1.004 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009543.D
Acq: 08 Mar 2019 17:12

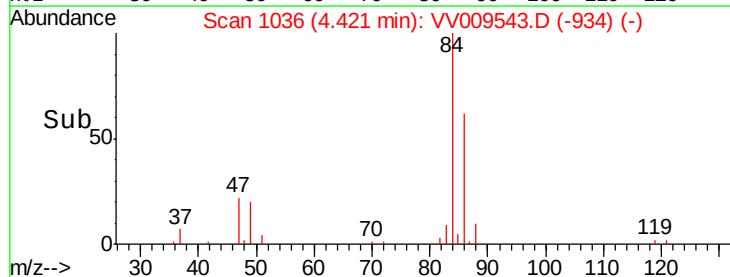
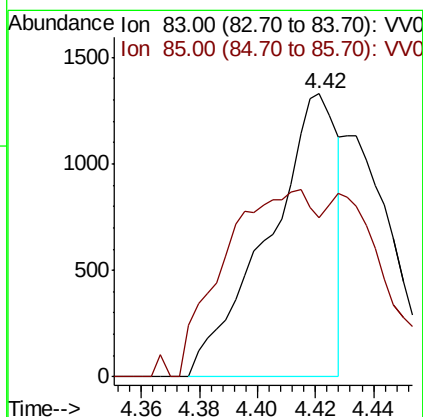
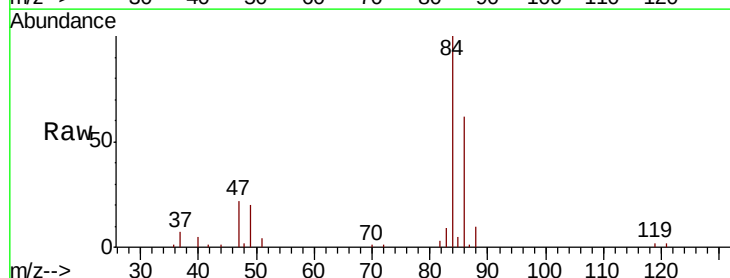
Instrument :
MSVOA_V
ClientSampleId :
BF1J1RE

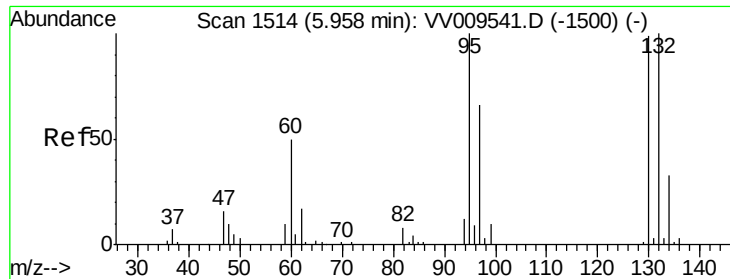
Tgt Ion: 84 Resp: 2104
Ion Ratio Lower Upper
84 100
49 130.7 84.6 157.0
86 59.6 46.1 85.7



#25
Chloroform
Concen: 0.582 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV009543.D
Acq: 08 Mar 2019 17:12

Tgt Ion: 83 Resp: 2182
Ion Ratio Lower Upper
83 100
85 88.5 45.4 84.2#





#35

Trichloroethene

Concen: 2.111 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

Lab File: VV009543.D

Acq: 08 Mar 2019 17:12

Instrument :

MSVOA_V

ClientSampleId :

BF1J1RE

Tgt Ion: 95 Resp: 4705

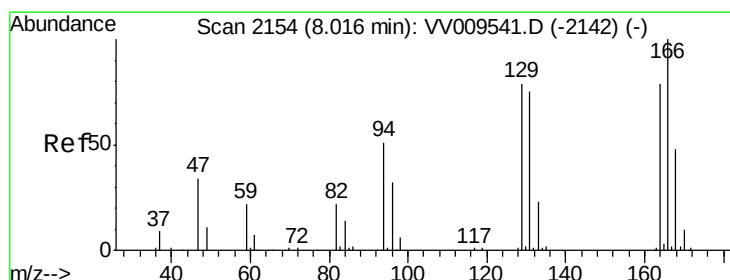
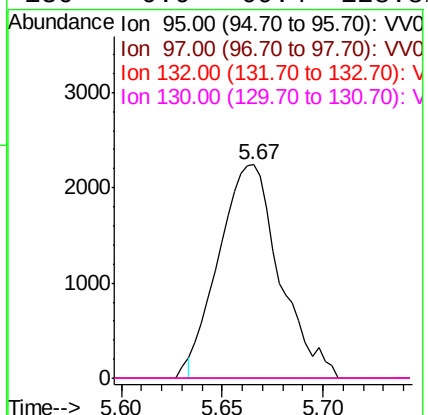
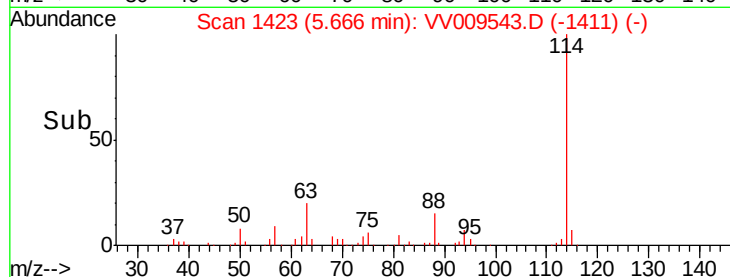
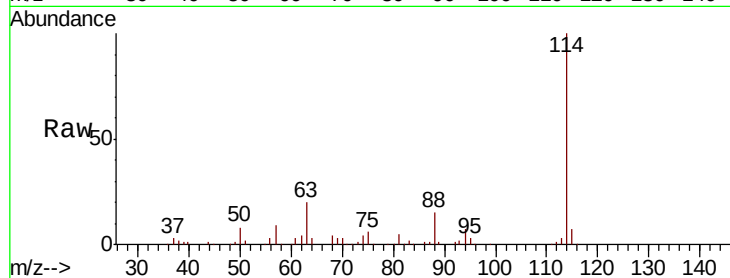
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 64.4 119.6#

130 0.0 69.4 128.8#



#47

Tetrachloroethene

Concen: 0.946 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.01 min

Lab File: VV009543.D

Acq: 08 Mar 2019 17:12

Tgt Ion: 164 Resp: 1599

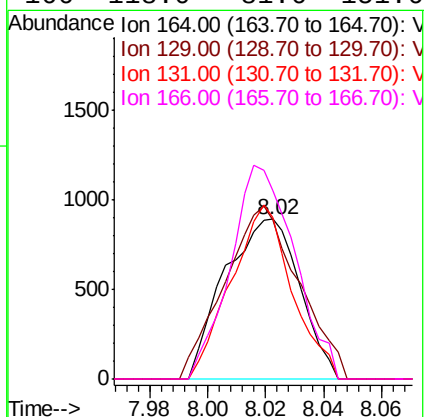
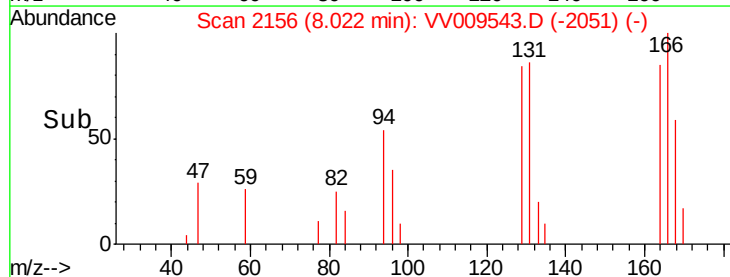
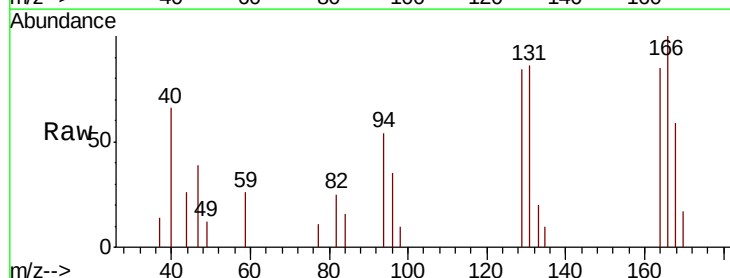
Ion Ratio Lower Upper

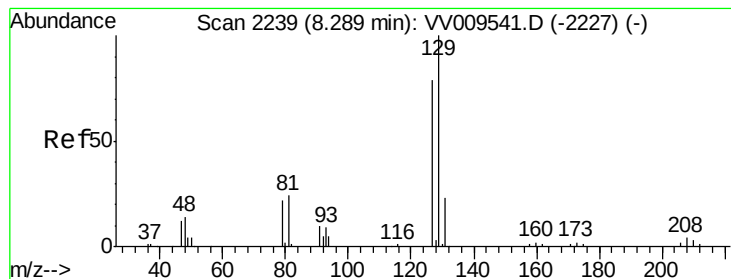
164 100

129 99.7 67.7 125.7

131 101.1 67.5 125.3

166 118.0 81.6 151.6





#50

Dibromochloromethane

Concen: 0.850 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV009543.D

Acq: 08 Mar 2019 17:12

Instrument :

MSVOA_V

ClientSampleId :

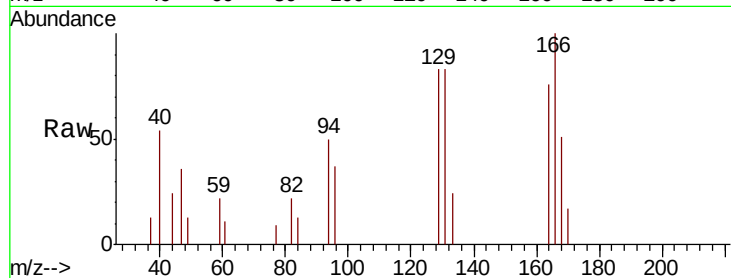
BF1J1RE

Tgt Ion:129 Resp: 1709

Ion Ratio Lower Upper

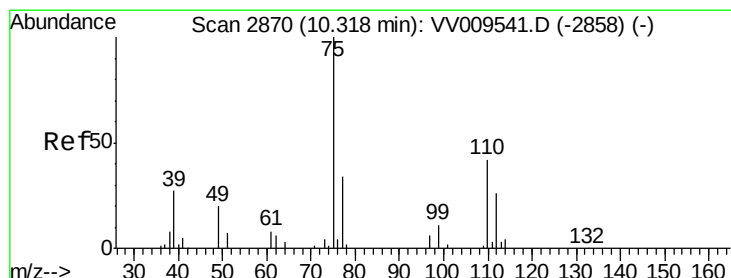
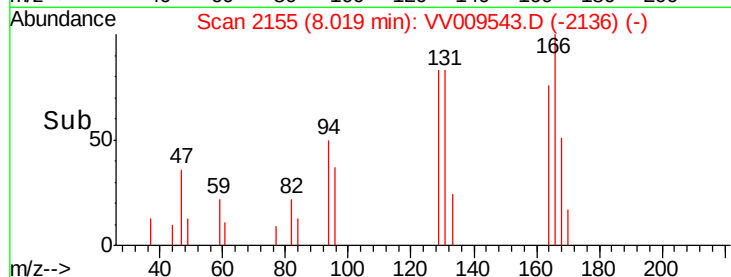
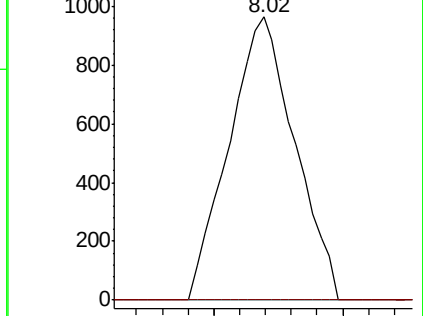
129 100

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: 5.934 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009543.D

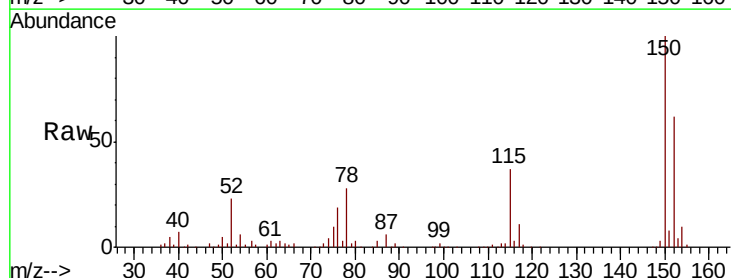
Acq: 08 Mar 2019 17:12

Tgt Ion: 75 Resp: 10036

Ion Ratio Lower Upper

75 100

77 34.5 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

