

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV033019\
 Data File : VV010027.D
 Acq On : 30 Mar 2019 18:29
 Operator : SY/MD
 Sample : K2166-12
 Misc : 6.23G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0L7

Quant Time: Mar 30 23:36:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 23:31:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	146223	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	148132	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61456	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57855	19.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.00%
7) Chloroethane-d5	1.56	69	73357	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.56%
10) 1,1-Dichloroethene-d2	2.12	63	134056	16.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.08%
20) 2-Butanone-d5	3.94	46	26140	47.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.54%
24) Chloroform-d	4.40	84	71591	19.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.88%
26) 1,2-Dichloroethane-d4	5.08	65	54722	24.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.64%
29) Benzene-d6	5.10	84	181729	23.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.44%
33) 1,2-Dichloropropane-d6	6.12	67	56599	24.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.48%
37) Toluene-d8	7.36	98	155077	21.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.24%
38) trans-1,3-Dichloropropene-	7.66	79	15504	16.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.60%
39) 2-Hexanone-d5	8.13	63	20575	48.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.86%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49401	21.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.68%
61) 1,2-Dichlorobenzene-d4	11.68	152	57754	24.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.72%

Target Compounds

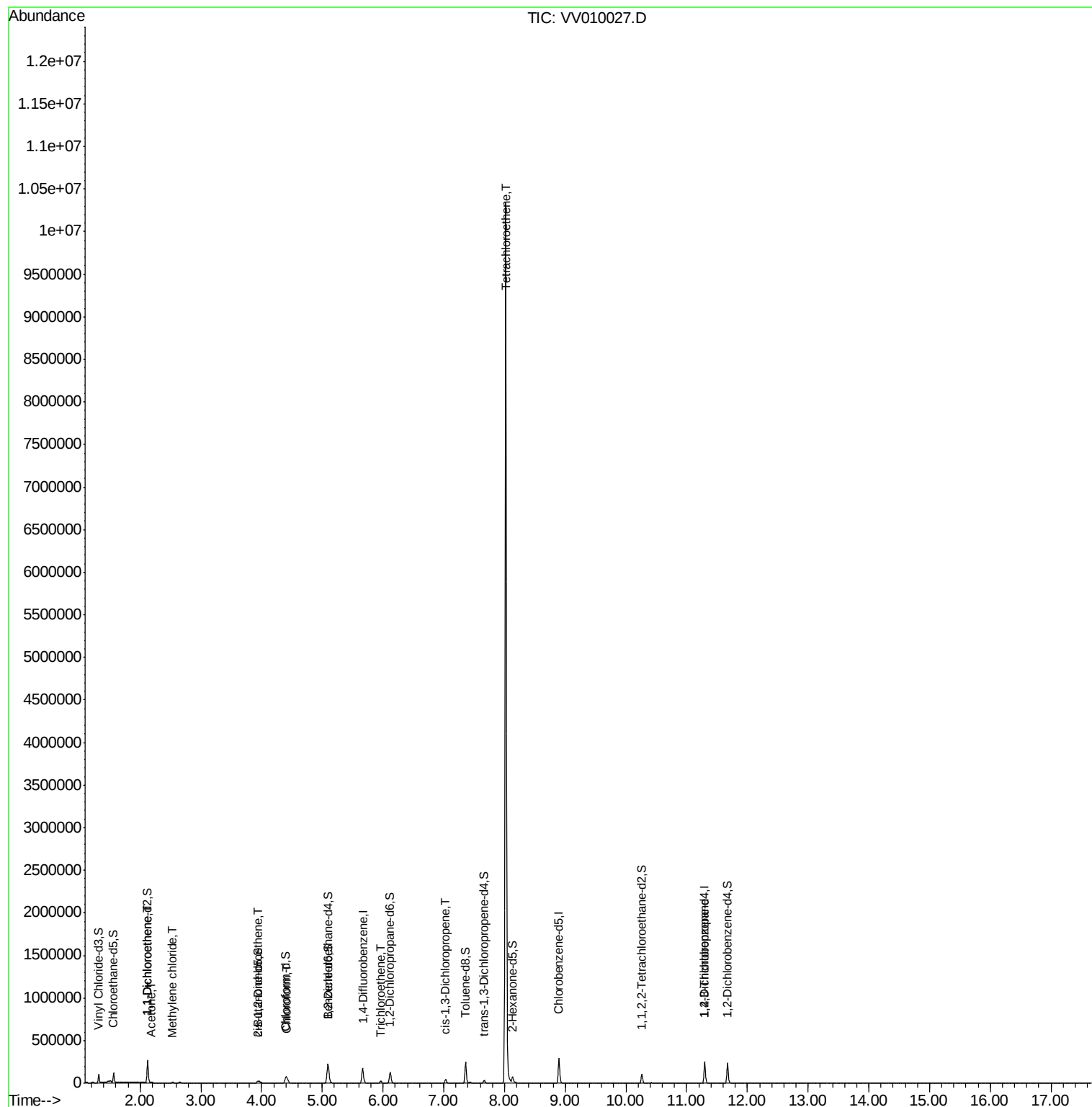
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.13	96	3525	0.985	ug/L #	1
13) Acetone	2.19	43	3761	4.493	ug/L	85
16) Methylene chloride	2.53	84	4806	1.996	ug/L	94
22) cis-1,2-Dichloroethene	3.95	96	1162	0.549	ug/L	94
25) Chloroform	4.43	83	23620	6.097	ug/L	98
35) Trichloroethene	5.96	95	6176	2.878	ug/L	90
42) cis-1,3-Dichloropropene	7.04	75	1516	0.512	ug/L #	39
47) Tetrachloroethene	8.02	164	1887584	1114.831	ug/L	96
59) 1,2,3-Trichloropropane	11.30	75	9855	6.026	ug/L	92

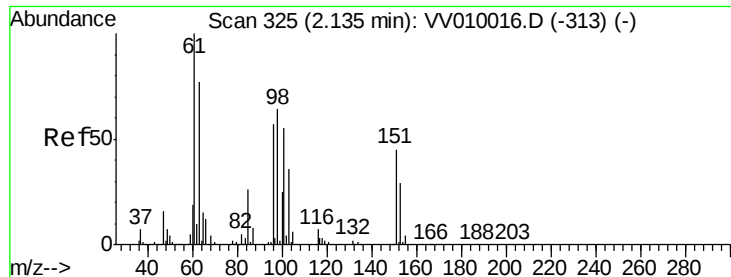
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV033019\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 23:31:11 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.985 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV010027.D

Acq: 30 Mar 2019 18:29

Instrument :

MSVOA_V

ClientSampleId :

BF0L7

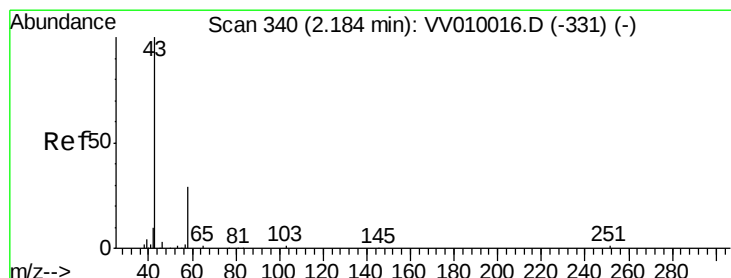
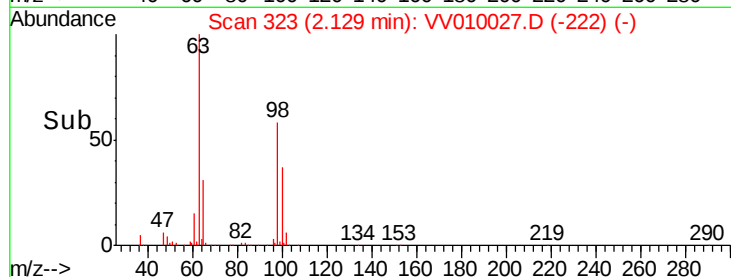
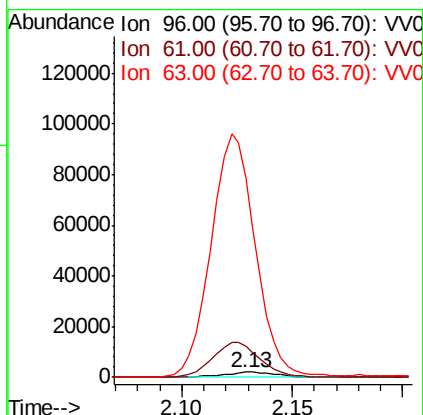
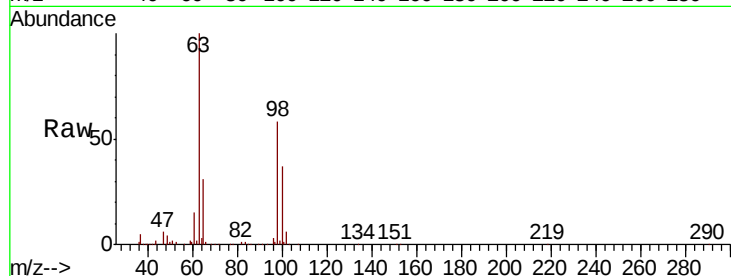
Tgt Ion: 96 Resp: 3525

Ion Ratio Lower Upper

96 100

61 583.7 124.3 230.8#

63 3779.8 88.2 163.8#



#13

Acetone

Concen: 4.493 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV010027.D

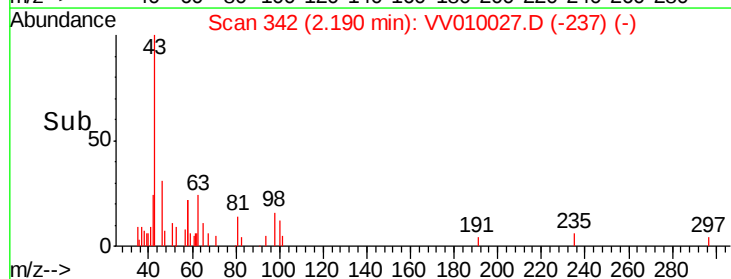
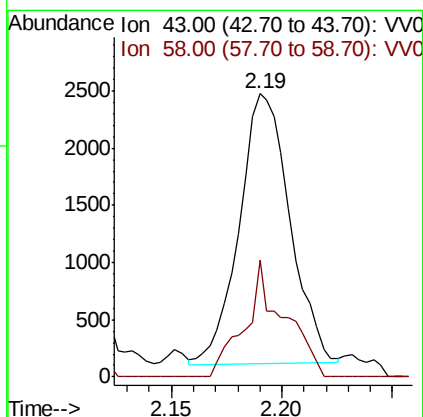
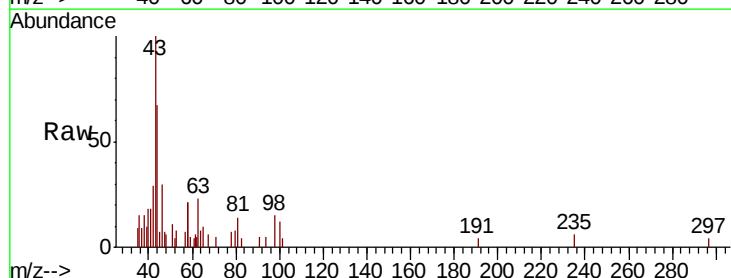
Acq: 30 Mar 2019 18:29

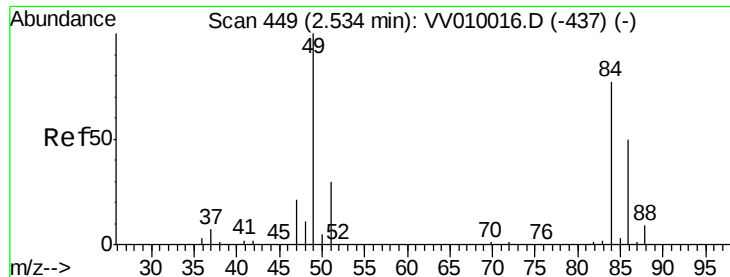
Tgt Ion: 43 Resp: 3761

Ion Ratio Lower Upper

43 100

58 21.4 0.0 59.4

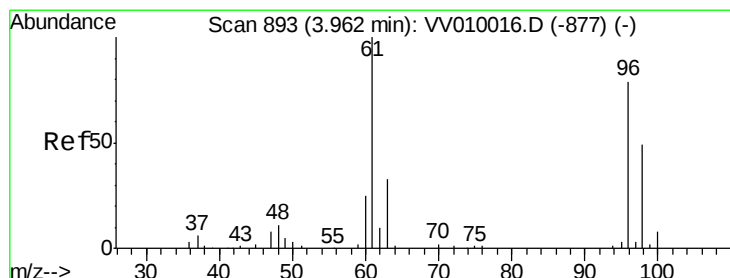
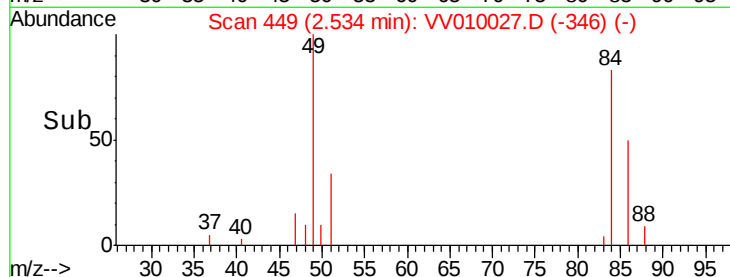
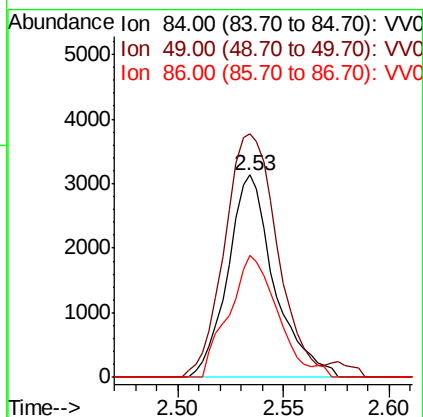
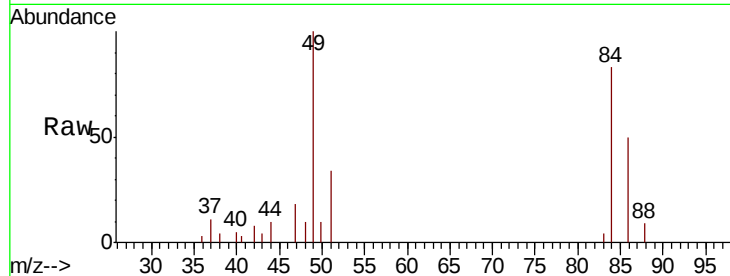




#16
Methylene chloride
Concen: 1.996 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV010027.D
Acq: 30 Mar 2019 18:29

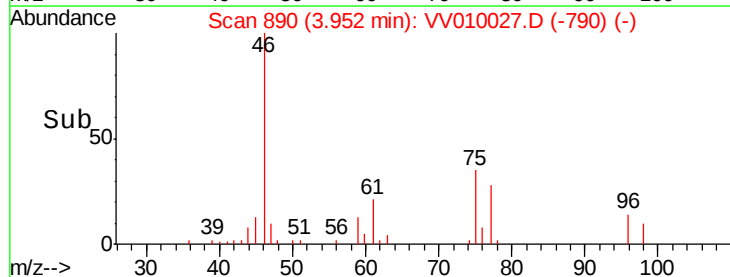
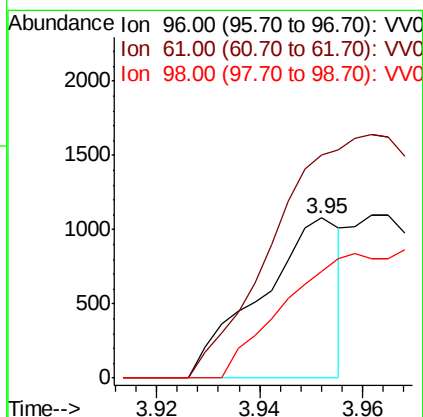
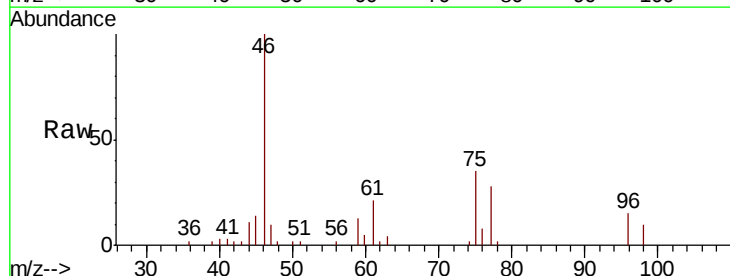
Instrument :
MSVOA_V
ClientSampleId :
BF0L7

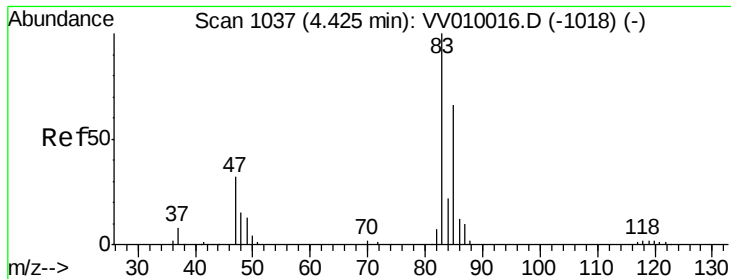
Tgt Ion: 84 Resp: 4806
Ion Ratio Lower Upper
84 100
49 120.2 90.4 167.8
86 59.9 44.0 81.6



#22
cis-1,2-Dichloroethene
Concen: 0.549 ug/L
RT: 3.95 min Scan# 890
Delta R.T. -0.01 min
Lab File: VV010027.D
Acq: 30 Mar 2019 18:29

Tgt Ion: 96 Resp: 1162
Ion Ratio Lower Upper
96 100
61 139.1 91.4 169.8
98 66.2 48.0 89.2

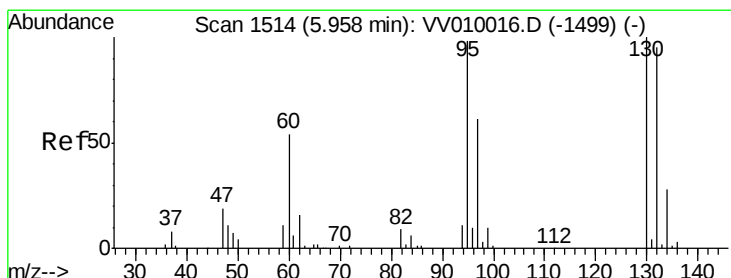
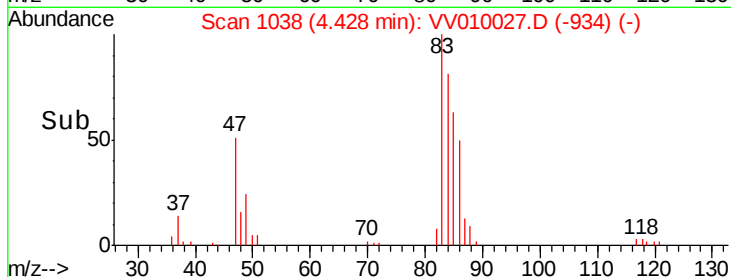
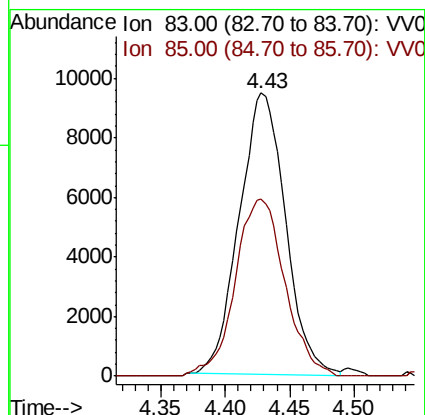
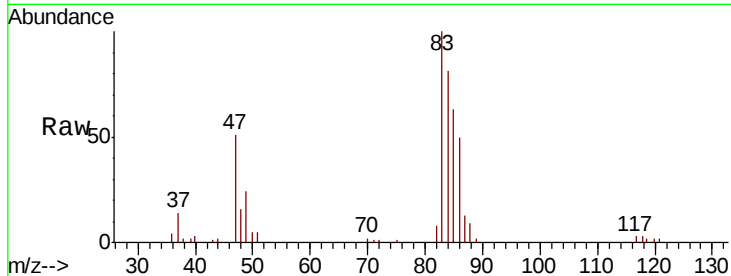




#25
Chloroform
Concen: 6.097 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010027.D
Acq: 30 Mar 2019 18:29

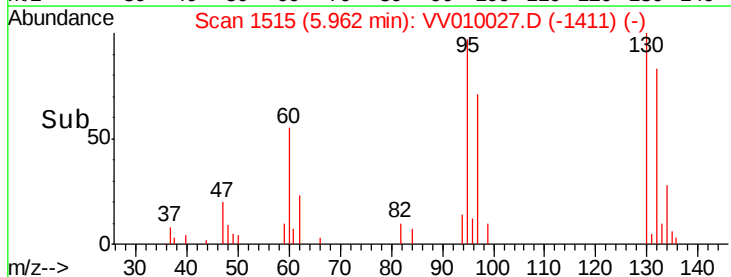
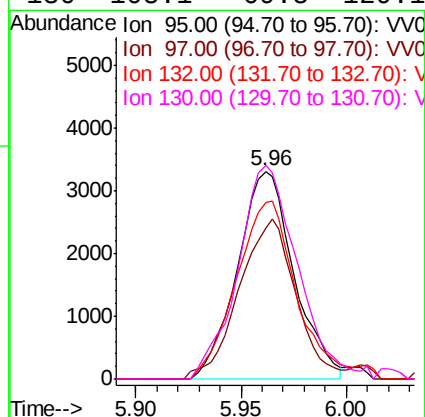
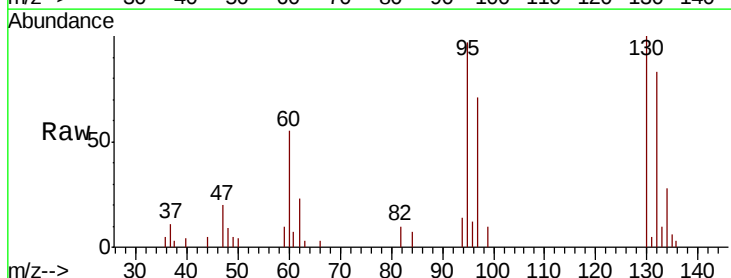
Instrument :
MSVOA_V
ClientSampled :
BF0L7

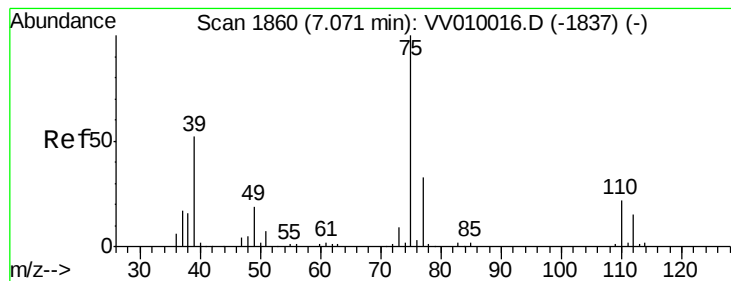
Tgt Ion: 83 Resp: 23620
Ion Ratio Lower Upper
83 100
85 67.4 46.1 85.7



#35
Trichloroethene
Concen: 2.878 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV010027.D
Acq: 30 Mar 2019 18:29

Tgt Ion: 95 Resp: 6176
Ion Ratio Lower Upper
95 100
97 76.6 46.3 85.9
132 90.6 69.3 128.7
130 108.1 69.5 129.1



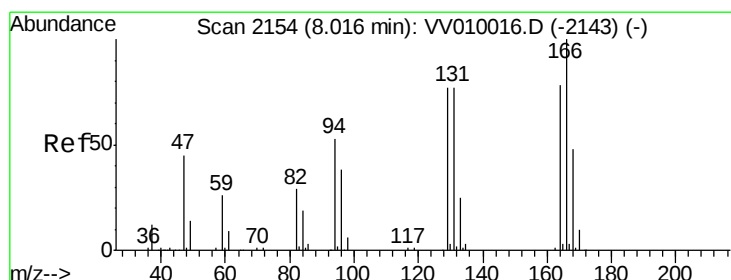
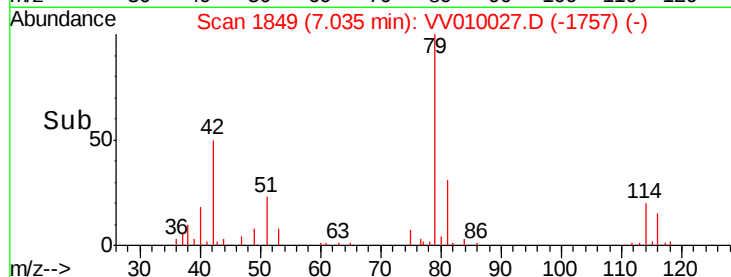
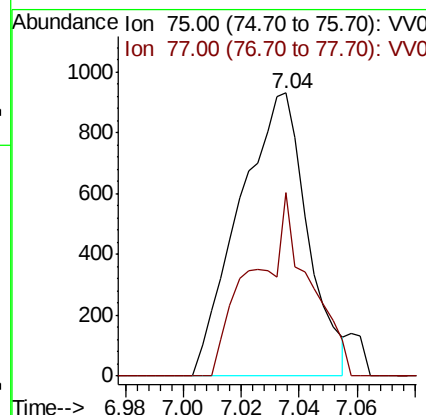
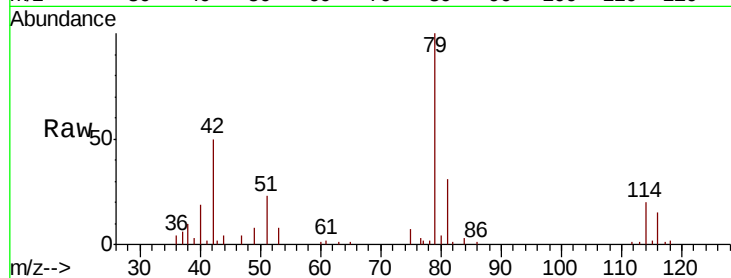


#42

cis-1,3-Dichloropropene
Concen: 0.512 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV010027.D
Acq: 30 Mar 2019 18:29

Instrument :
MSVOA_V
ClientSampleId :
BF0L7

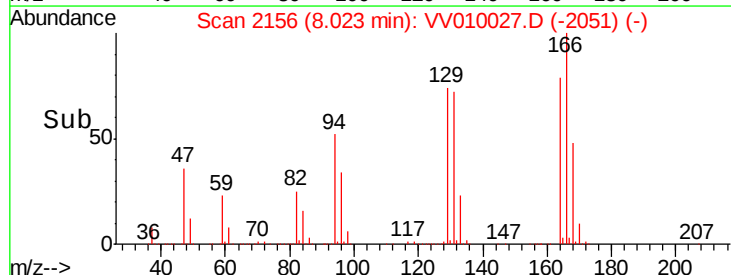
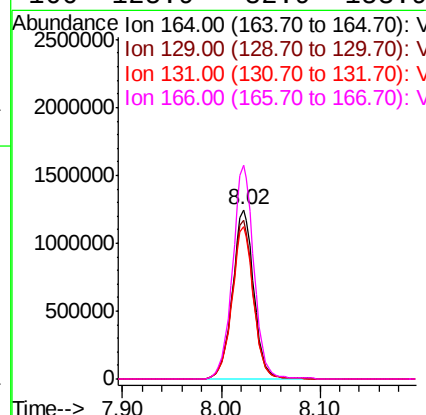
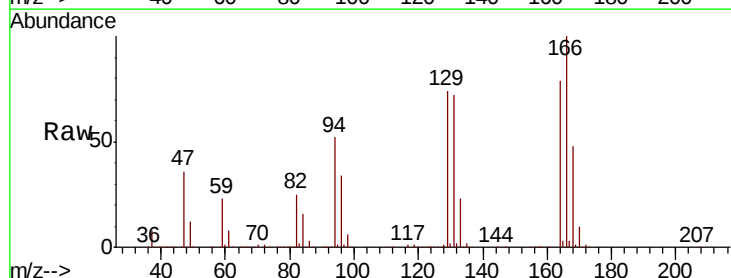
Tgt Ion: 75 Resp: 1516
Ion Ratio Lower Upper
75 100
77 64.9 21.8 40.6#

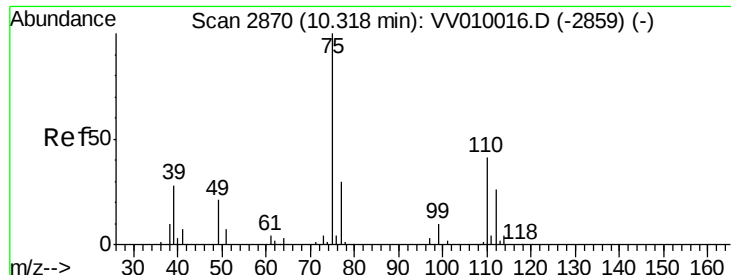


#47

Tetrachloroethene
Concen: 1114.831 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.01 min
Lab File: VV010027.D
Acq: 30 Mar 2019 18:29

Tgt Ion: 164 Resp: 1887584
Ion Ratio Lower Upper
164 100
129 93.8 64.9 120.5
131 90.1 62.0 115.2
166 125.9 82.9 153.9





#59

1,2,3-Trichloropropane

Concen: 6.026 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010027.D

Acq: 30 Mar 2019 18:29

Instrument :

MSVOA_V

ClientSampleId :

BF0L7

Tgt Ion: 75 Resp: 9855

Ion Ratio Lower Upper

75 100

77 37.0 26.2 39.2

