

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090919\
 Data File : VV012638.D
 Acq On : 09 Sep 2019 22:14
 Operator : SY/MD
 Sample : K4724-15
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDB5

Quant Time: Sep 11 01:17:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 10 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	392152	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	385000	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	152840	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109026	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.58	69	96839	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.13	63	130238	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	3.97	46	345551	53.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.96%
24) Chloroform-d	4.40	84	212454	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.08	65	111800	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.09	84	401581	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.12	67	134533	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	319727	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloropropene-	7.66	79	43302	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.14	63	183777	48.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	103606	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	129795	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

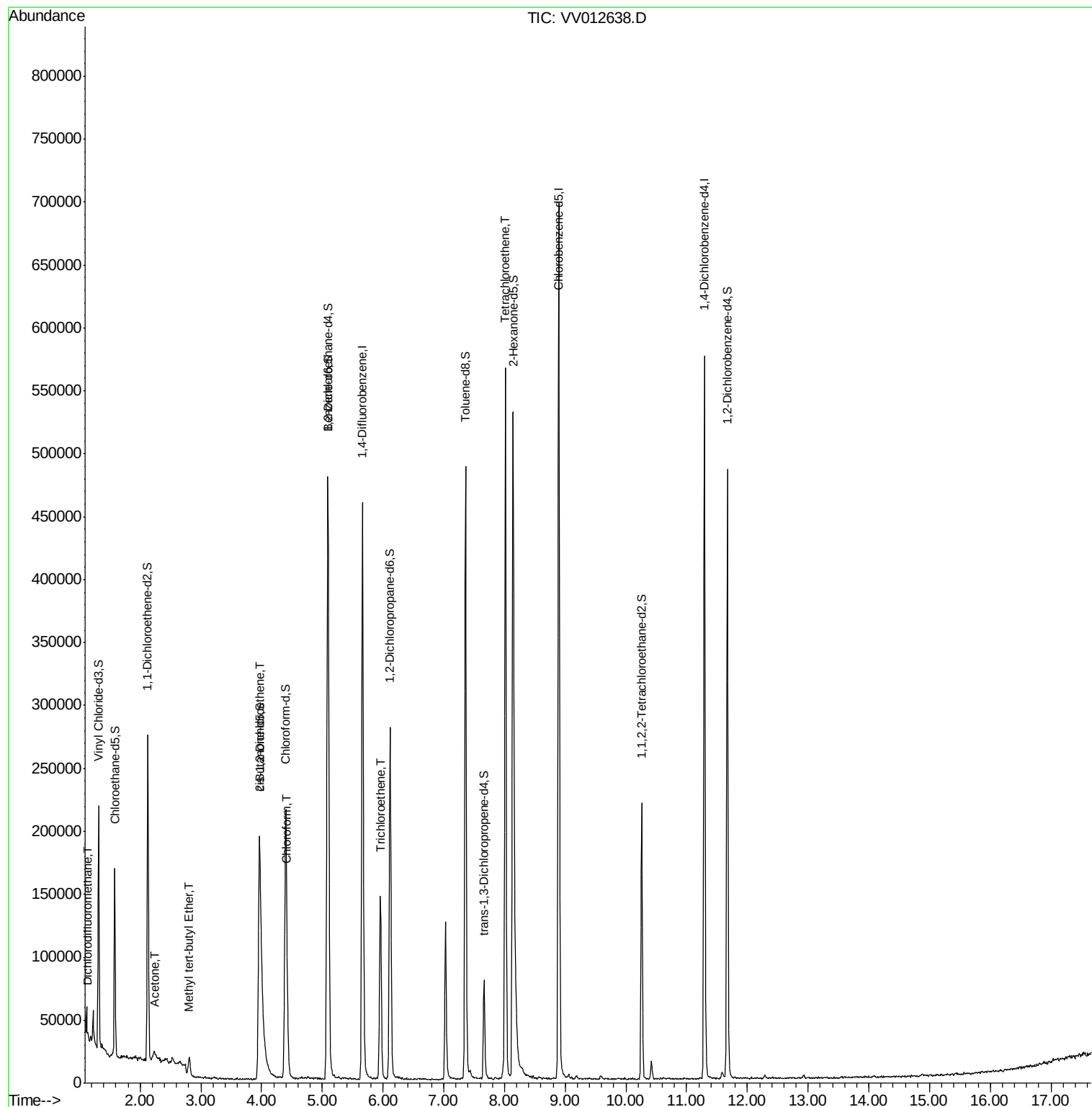
					Ovalue
2) Dichlorodifluoromethane	1.14	85	4441	0.134 ug/L	98
13) Acetone	2.23	43	14420	3.843 ug/L	93
17) Methyl tert-butyl Ether	2.81	73	14920	0.261 ug/L #	93
22) cis-1,2-Dichloroethene	3.96	96	38776	1.303 ug/L	96
25) Chloroform	4.42	83	25840	0.455 ug/L	93
34) Trichloroethene	5.96	95	46515	1.496 ug/L	98
47) Tetrachloroethene	8.02	164	131090	5.371 ug/L	97

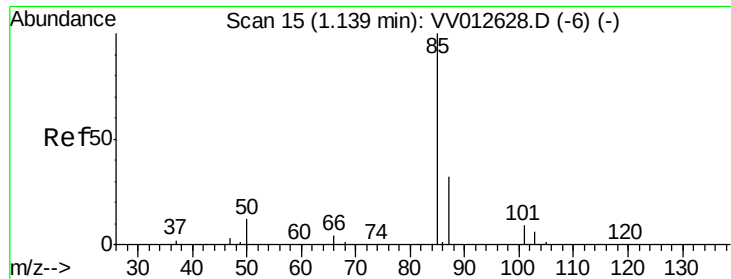
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.134 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV012638.D

Acq: 09 Sep 2019 22:14

Instrument :

MSVOA_V

ClientSampleId :

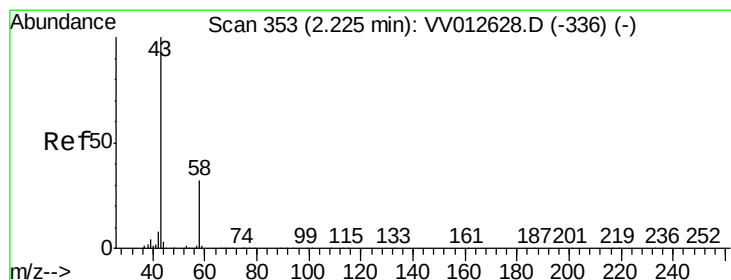
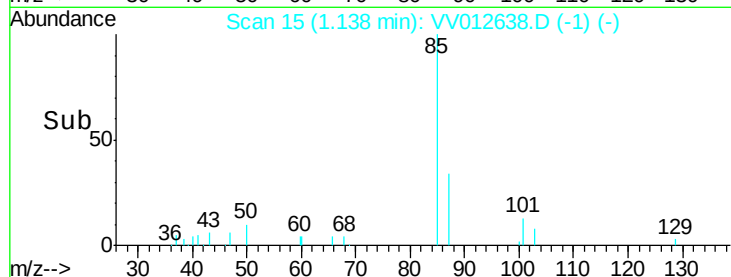
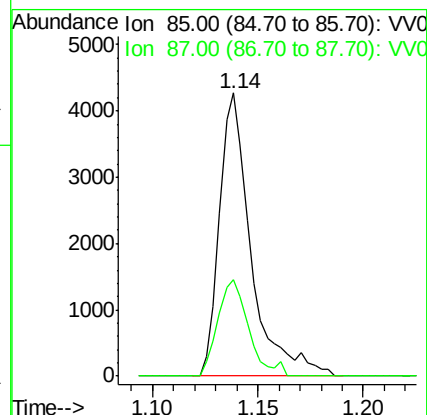
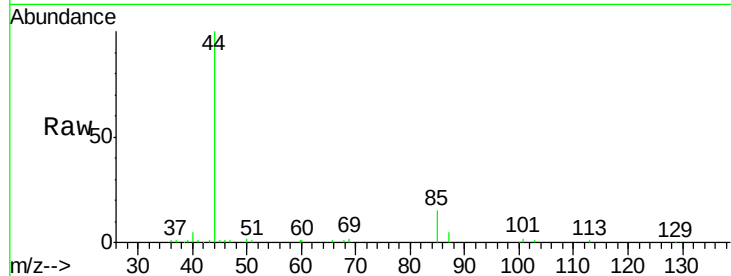
BFDB5

Tot Ion: 85 Resp: 4441

Ion Ratio Lower Upper

85 100

87 33.3 25.8 38.8



#13

Acetone

Concen: 3.843 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.00 min

Lab File: VV012638.D

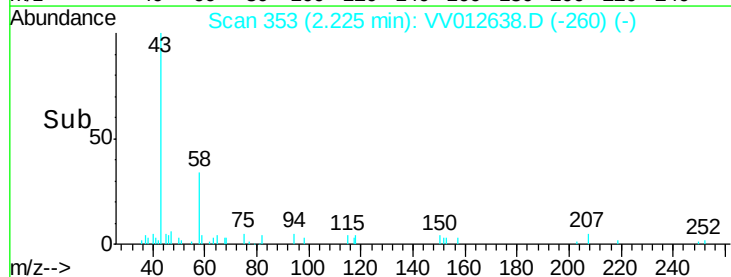
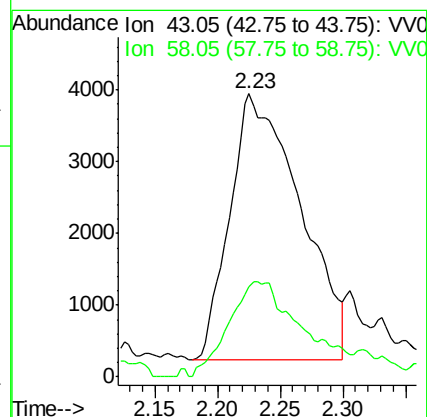
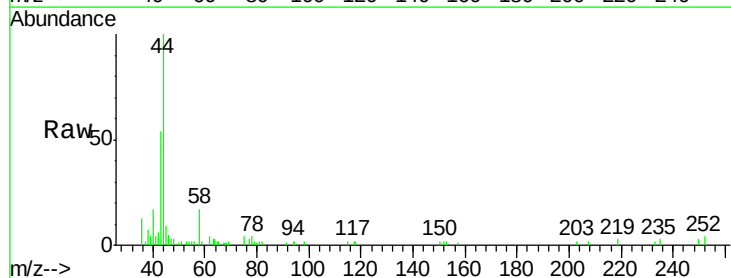
Acq: 09 Sep 2019 22:14

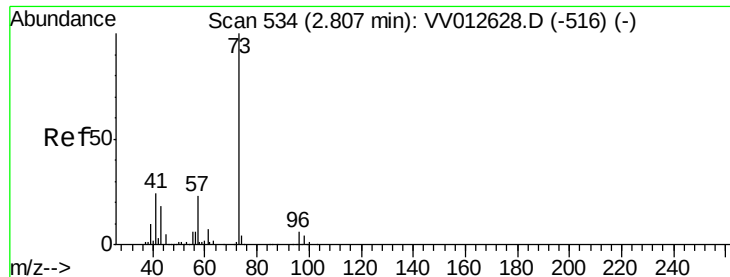
Tgt Ion: 43 Resp: 14420

Ion Ratio Lower Upper

43 100

58 37.8 0.0 67.4



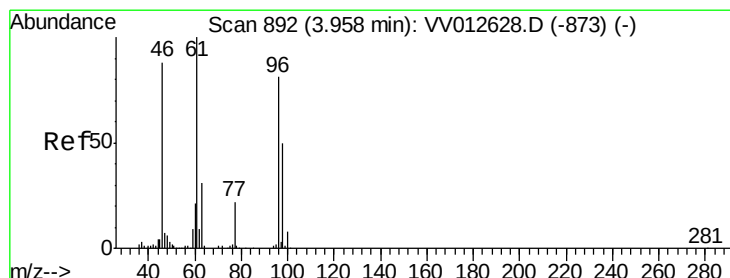
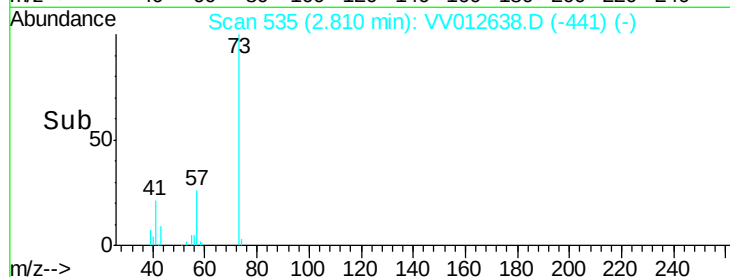
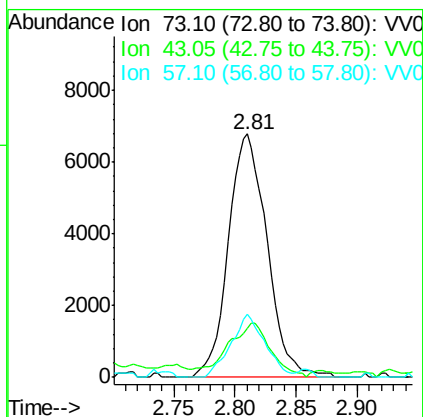
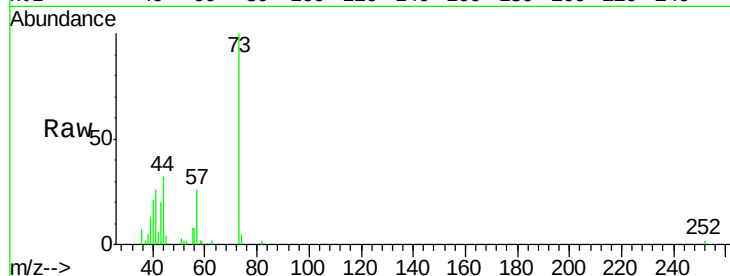


#17

Methyl tert-butyl Ether
 Concen: 0.261 ug/L
 RT: 2.81 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VV012638.D
 Acq: 09 Sep 2019 22:14

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDB5

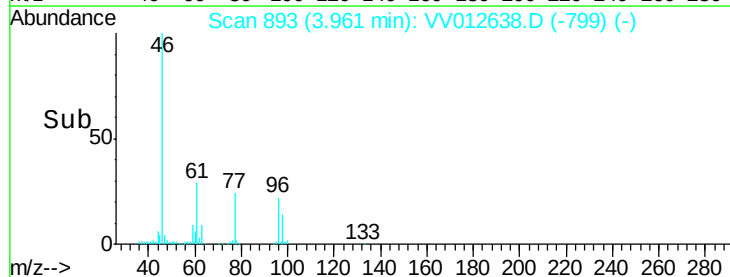
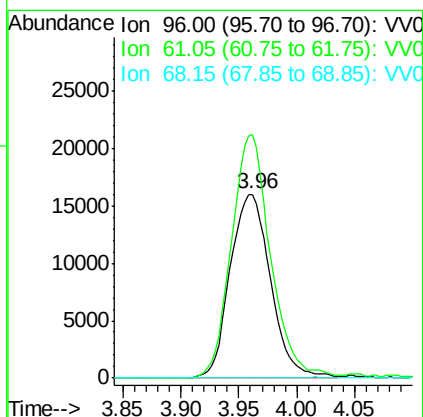
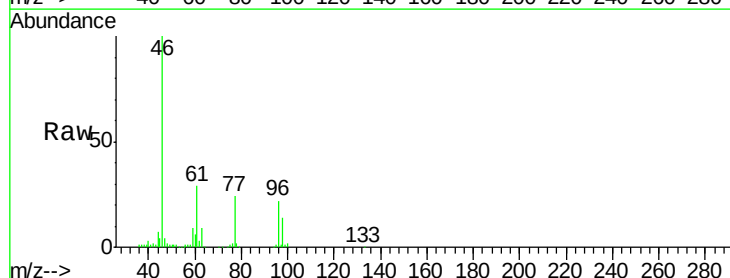
Tot Ion: 73 Resp: 14920
 Ion Ratio Lower Upper
 73 100
 43 25.1 14.6 21.8#
 57 22.9 18.2 27.2

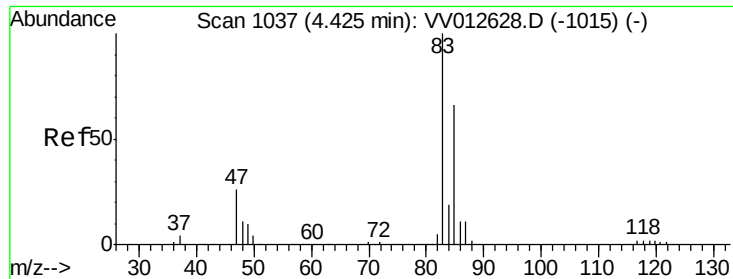


#22

cis-1,2-Dichloroethene
 Concen: 1.303 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV012638.D
 Acq: 09 Sep 2019 22:14

Tgt Ion: 96 Resp: 38776
 Ion Ratio Lower Upper
 96 100
 61 132.5 89.7 166.5
 68 0.0 0.0 0.0

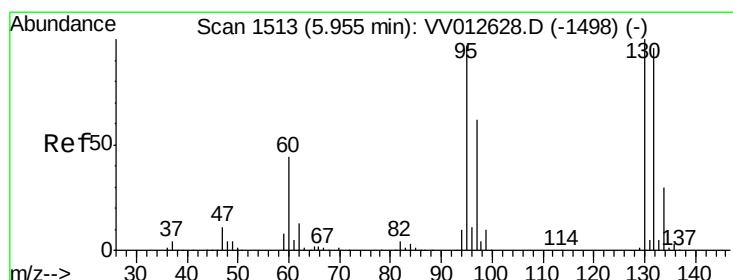
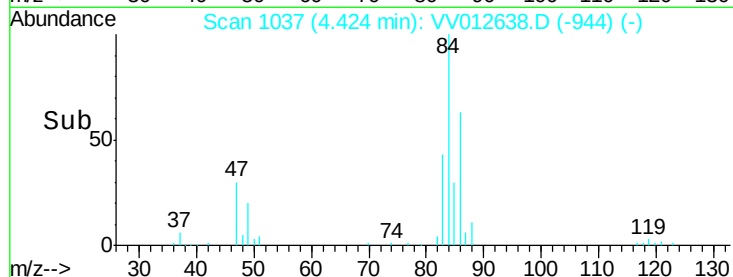
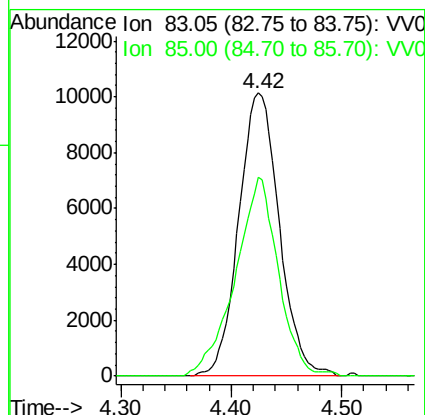
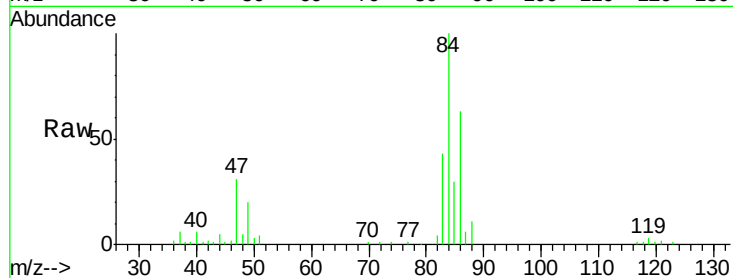




#25
Chloroform
Concen: 0.455 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012638.D
Acq: 09 Sep 2019 22:14

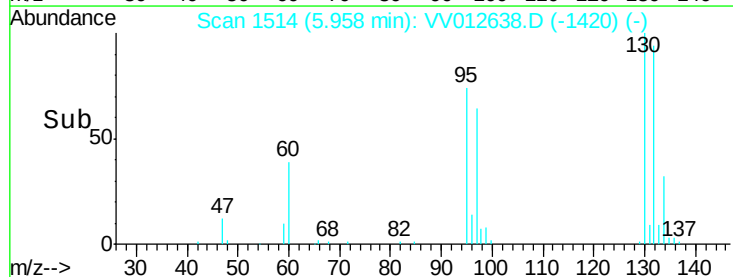
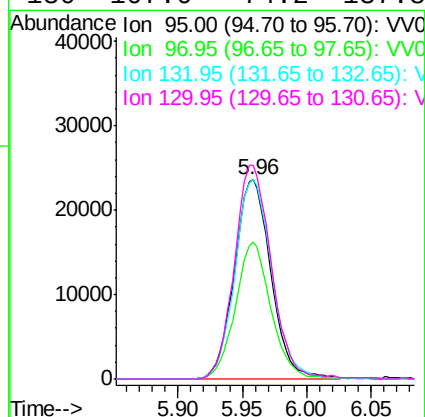
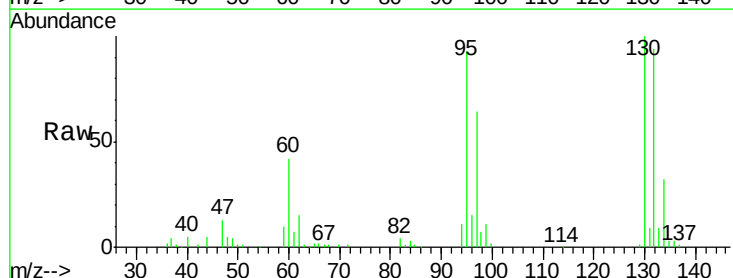
Instrument :
MSVOA_V
ClientSampleId :
BFDB5

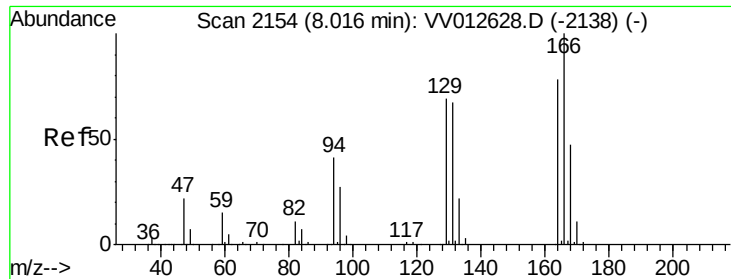
Tot Ion: 83 Resp: 25840
Ion Ratio Lower Upper
83 100
85 70.1 45.3 84.1



#34
Trichloroethene
Concen: 1.496 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012638.D
Acq: 09 Sep 2019 22:14

Tgt Ion: 95 Resp: 46515
Ion Ratio Lower Upper
95 100
97 68.8 45.4 84.2
132 100.1 70.2 130.4
130 107.0 74.2 137.8





#47

Tetrachloroethene

Concen: 5.371 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV012638.D

Acq: 09 Sep 2019 22:14

Instrument :
MSVOA_V
ClientSampleId :
BFDB5

Tot Ion:164 Resp: 131090

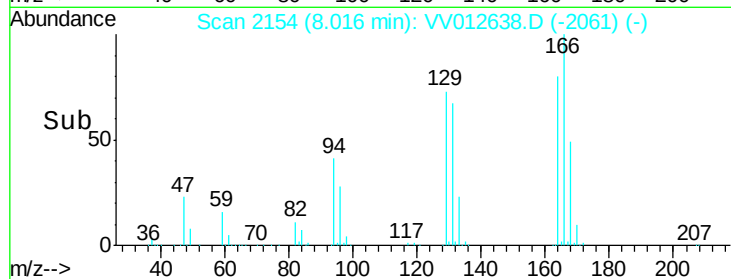
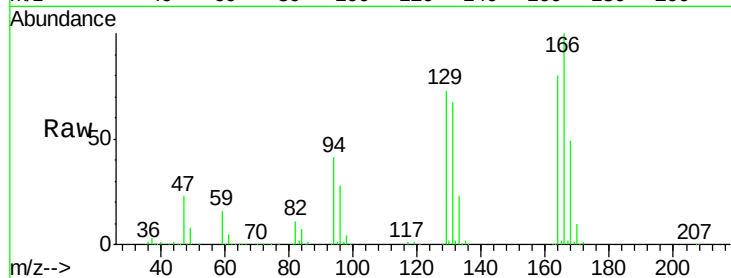
Ion Ratio Lower Upper

164 100

129 90.4 61.9 114.9

131 83.9 59.7 110.9

166 124.5 90.4 167.8



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

