

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090419\
 Data File : VV012575.D
 Acq On : 04 Sep 2019 18:51
 Operator : SY/MD
 Sample : K4685-10
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD79

Quant Time: Sep 05 03:30:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 05 01:26:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	69824	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	72963	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	22588	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26589	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.58	69	33675	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.13	63	49270	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	3.94	46	93742	72.54	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	145.08%#
24) Chloroform-d	4.40	84	44353	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.08	65	34565	6.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	127.80%
32) Benzene-d6	5.10	84	90741	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.12	67	32059	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.36	98	67524	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloropropene-	7.66	79	10979	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.13	63	62257	70.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	140.90%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	29741	6.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	130.20%#
64) 1,2-Dichlorobenzene-d4	11.67	152	23245	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

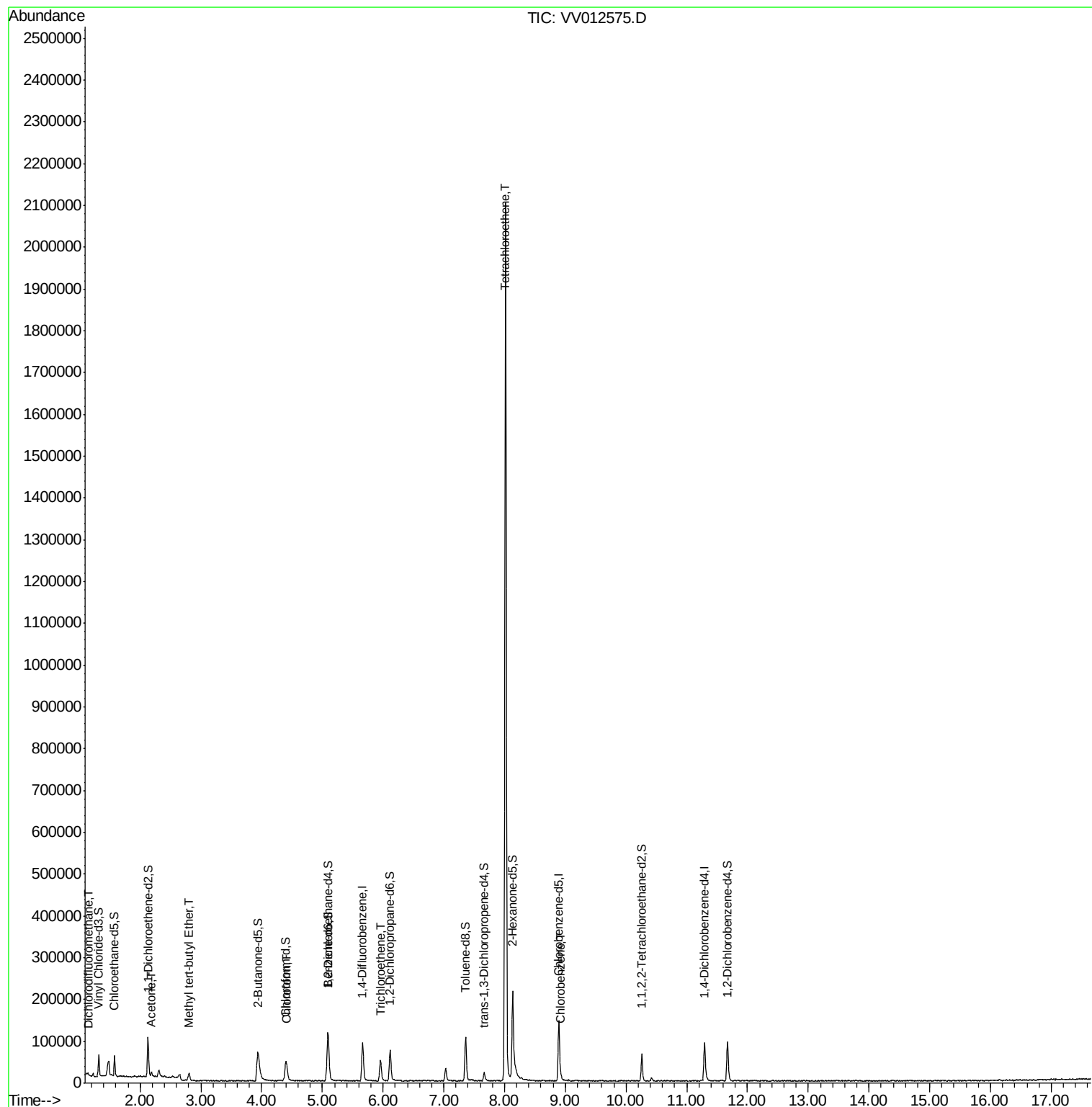
					Ovalue
2) Dichlorodifluoromethane	1.14	85	1621	0.181 ug/L #	70
13) Acetone	2.19	43	9505	5.183 ug/L	95
17) Methyl tert-butyl Ether	2.80	73	15516	1.011 ug/L #	91
25) Chloroform	4.43	83	8984	0.617 ug/L	99
34) Trichloroethene	5.96	95	15773	1.900 ug/L	98
47) Tetrachloroethene	8.02	164	416406	69.425 ug/L	96
51) Chlorobenzene	8.93	112	5961	0.291 ug/L	97

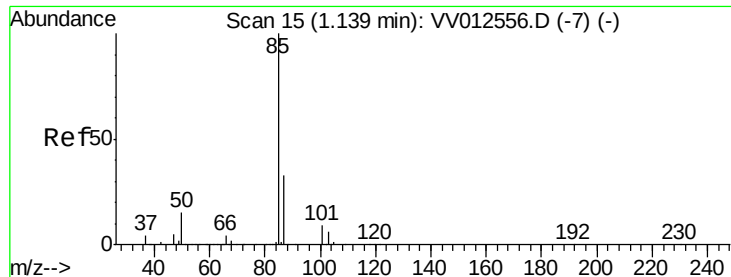
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.181 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV012575.D

Acq: 04 Sep 2019 18:51

Instrument :

MSVOA_V

ClientSampleId :

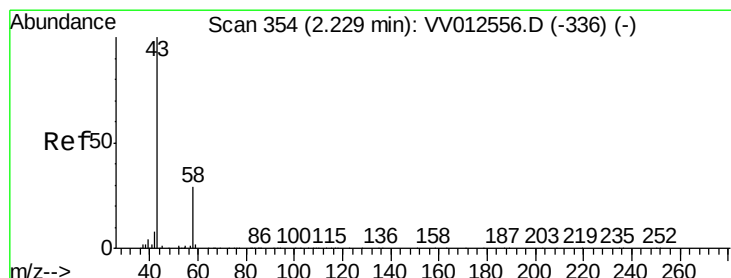
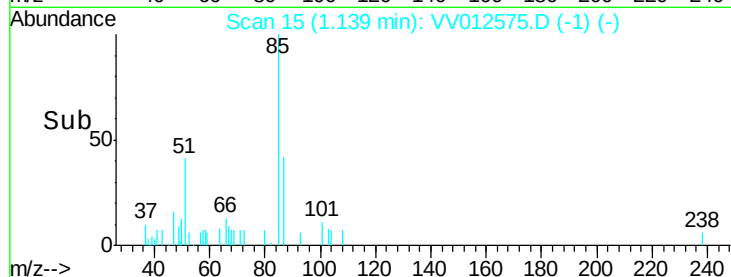
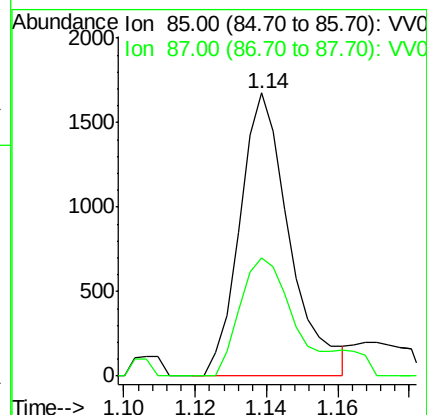
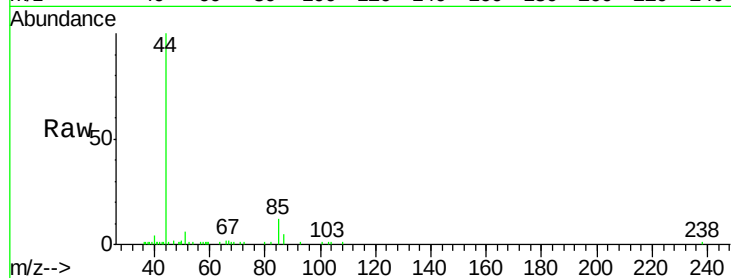
BFD79

Tot Ion: 85 Resp: 1621

Ion Ratio Lower Upper

85 100

87 49.8 26.4 39.6#



#13

Acetone

Concen: 5.183 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV012575.D

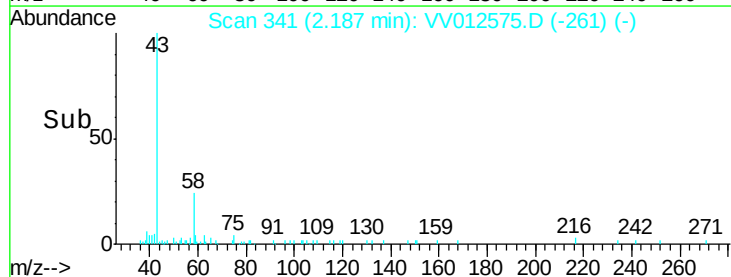
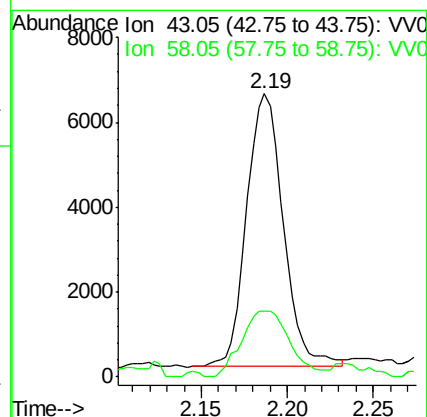
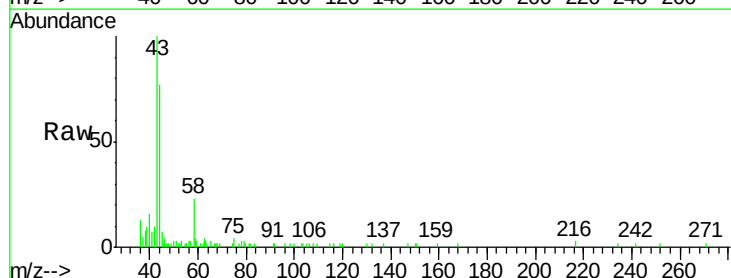
Acq: 04 Sep 2019 18:51

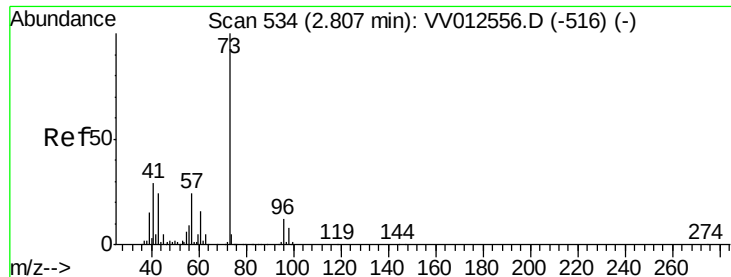
Tgt Ion: 43 Resp: 9505

Ion Ratio Lower Upper

43 100

58 31.6 0.0 58.2

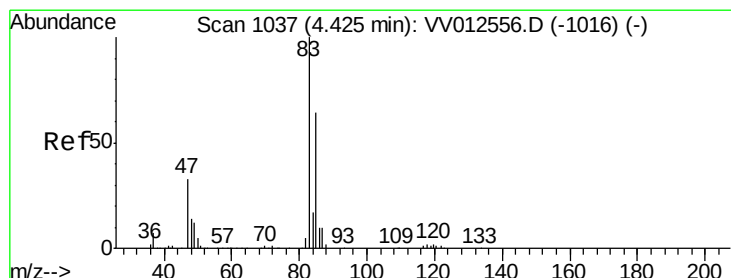
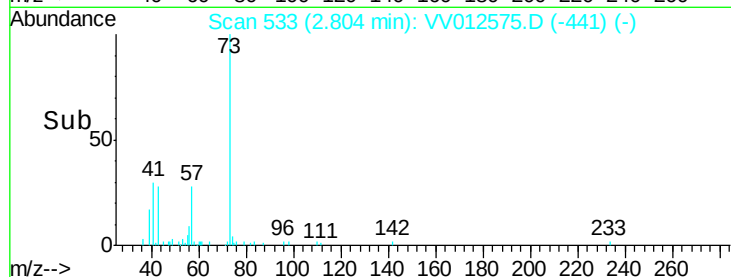
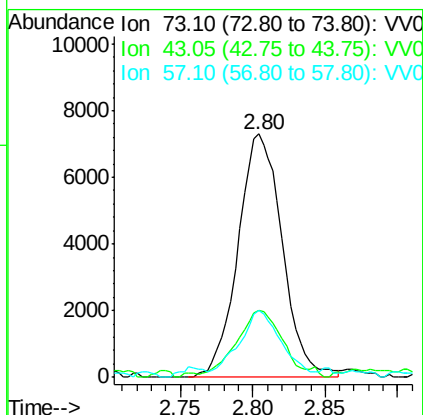
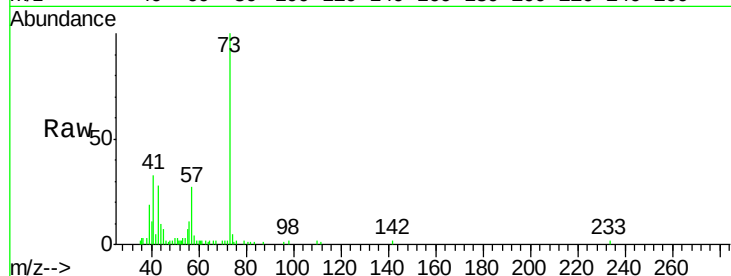




#17
Methvl tert-butvl Ether
Concen: 1.011 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV012575.D
Acq: 04 Sep 2019 18:51

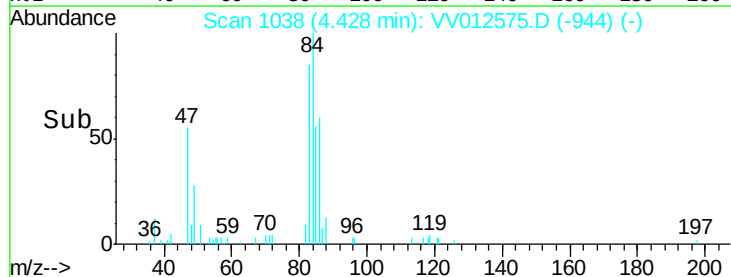
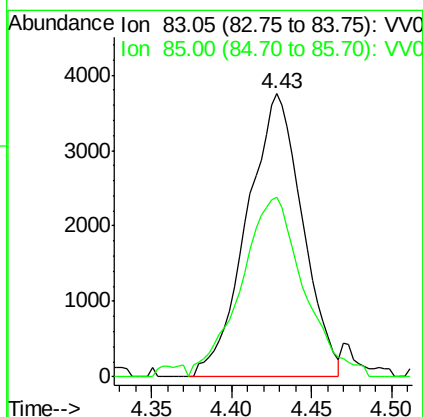
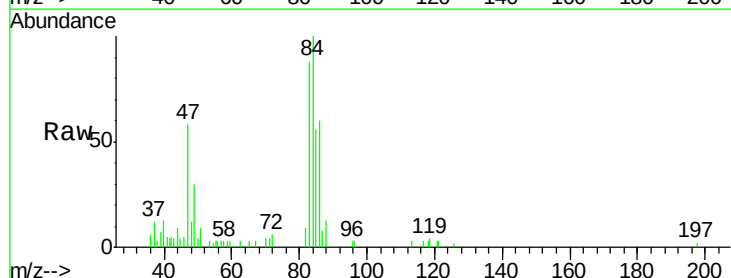
Instrument :
MSVOA_V
ClientSampleId :
BFD79

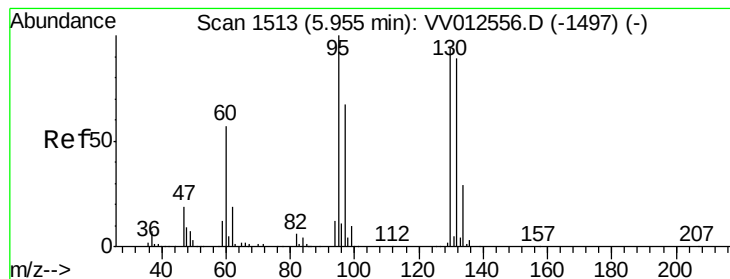
Tot Ion: 73 Resp: 15516
Ion Ratio Lower Upper
73 100
43 28.8 18.9 28.3#
57 26.7 18.3 27.5



#25
Chloroform
Concen: 0.617 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012575.D
Acq: 04 Sep 2019 18:51

Tgt Ion: 83 Resp: 8984
Ion Ratio Lower Upper
83 100
85 63.6 45.1 83.9





#34

Trichloroethene

Concen: 1.900 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012575.D

Acq: 04 Sep 2019 18:51

Instrument :

MSVOA_V

ClientSampleId :

BFD79

Tot Ion: 95 Resp: 15773

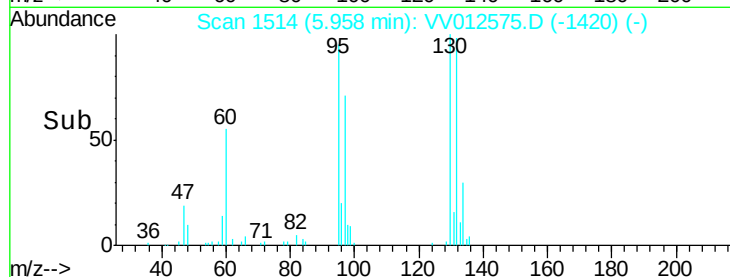
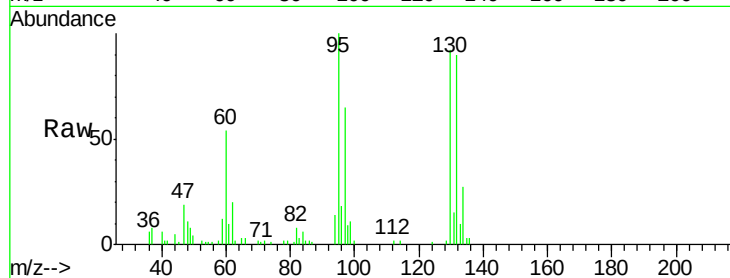
Ion Ratio Lower Upper

95 100

97 65.2 44.7 83.1

132 90.0 63.8 118.4

130 91.6 66.6 123.6



Abundance Ion 95.00 (94.70 to 95.70): VV012575.D (-1420) (-)

Ion 96.95 (96.65 to 97.65): VV012575.D (-1420) (-)

Ion 131.95 (131.65 to 132.65): VV012575.D (-1420) (-)

Ion 129.95 (129.65 to 130.65): VV012575.D (-1420) (-)

Time-->

5.90 5.95 6.00

8000

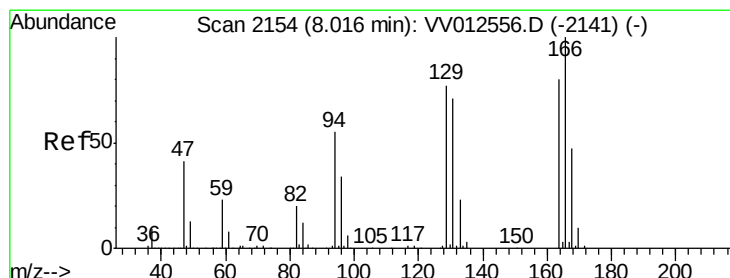
6000

4000

2000

0

5.96



#47

Tetrachloroethene

Concen: 69.425 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV012575.D

Acq: 04 Sep 2019 18:51

Tgt Ion: 164 Resp: 416406

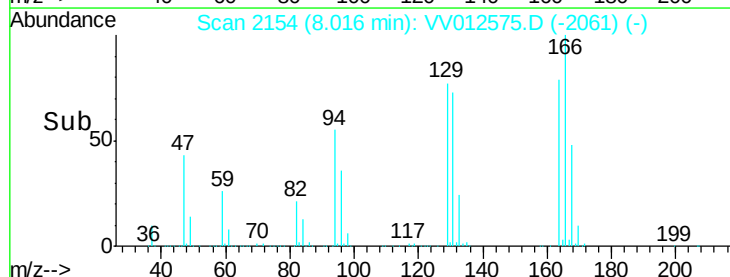
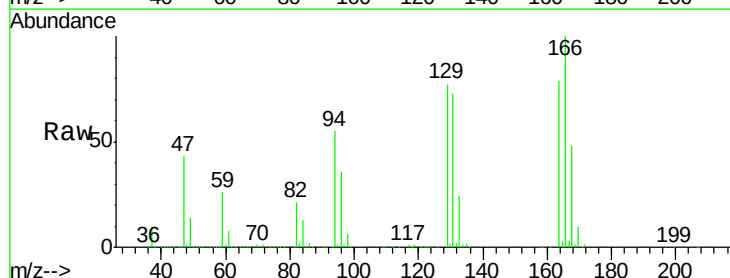
Ion Ratio Lower Upper

164 100

129 97.7 64.5 119.9

131 92.7 62.3 115.7

166 126.4 86.5 160.6



Abundance Ion 163.90 (163.60 to 164.60): VV012575.D (-2061) (-)

Ion 128.95 (128.65 to 129.65): VV012575.D (-2061) (-)

Ion 130.95 (130.65 to 131.65): VV012575.D (-2061) (-)

Ion 165.90 (165.60 to 166.60): VV012575.D (-2061) (-)

Time-->

7.95 8.00 8.05 8.10 8.15

400000

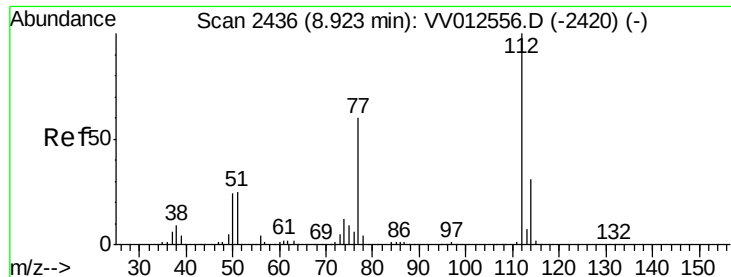
300000

200000

100000

0

8.02



#51
 Chlorobenzene
 Concen: 0.291 ug/L
 RT: 8.93 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: VV012575.D
 Acq: 04 Sep 2019 18:51

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD79

Tot Ion:	112	Resp:	5961
Ion	Ratio	Lower	Upper
112	100		
114	30.7	23.0	42.6
77	65.4	50.4	75.6

