

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV033019\
 Data File : VV010029.D
 Acq On : 30 Mar 2019 19:22
 Operator : SY/MD
 Sample : K2166-15
 Misc : 5.10G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0M5

Quant Time: Mar 30 23:36:18 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	129553	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	135481	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56575	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58338	22.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.76%
7) Chloroethane-d5	1.57	69	66180	23.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.24%
10) 1,1-Dichloroethene-d2	2.13	63	126522	17.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.36%
20) 2-Butanone-d5	3.94	46	32272	65.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.74%
24) Chloroform-d	4.40	84	72165	21.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.44%
26) 1,2-Dichloroethane-d4	5.08	65	56558	28.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.88%
29) Benzene-d6	5.10	84	168033	23.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.48%
33) 1,2-Dichloropropane-d6	6.12	67	53918	25.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.60%
37) Toluene-d8	7.36	98	143032	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.96%
38) trans-1,3-Dichloropropene-	7.66	79	16766	19.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.76%
39) 2-Hexanone-d5	8.13	63	26198	67.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.86%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56635	27.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.92%
61) 1,2-Dichlorobenzene-d4	11.68	152	54071	25.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.40%

Target Compounds

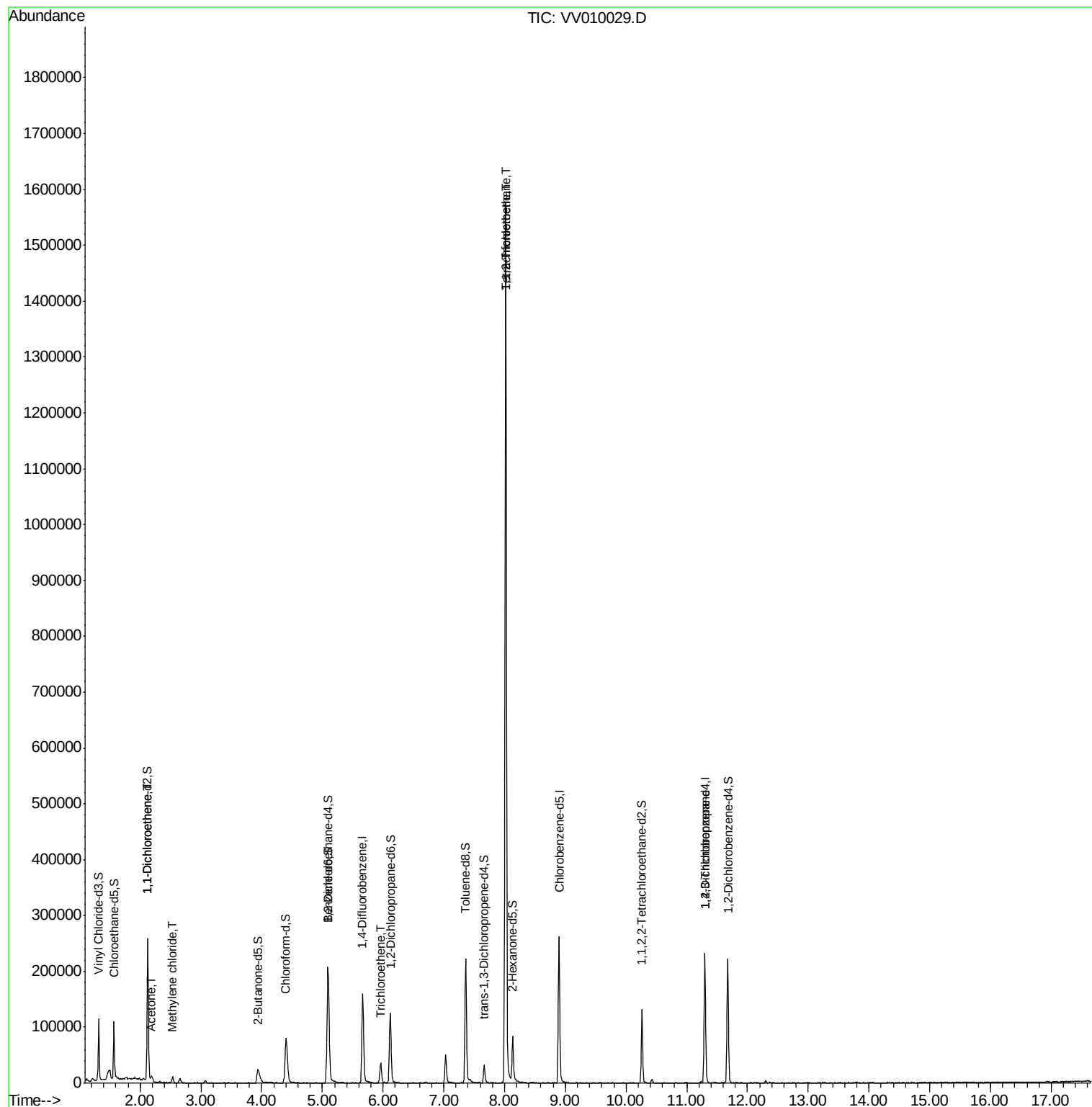
					Qvalue
12) 1,1-Dichloroethene	2.13	96	1517	0.479 ug/L #	1
13) Acetone	2.19	43	3806	5.131 ug/L	97
16) Methylene chloride	2.53	84	4371	2.049 ug/L	82
35) Trichloroethene	5.96	95	12053	6.142 ug/L	94
46) 1,1,2-Trichloroethane	8.02	97	3192	2.076 ug/L #	13
47) Tetrachloroethene	8.02	164	306081	197.656 ug/L	98
59) 1,2,3-Trichloropropane	11.30	75	9141	6.111 ug/L	89

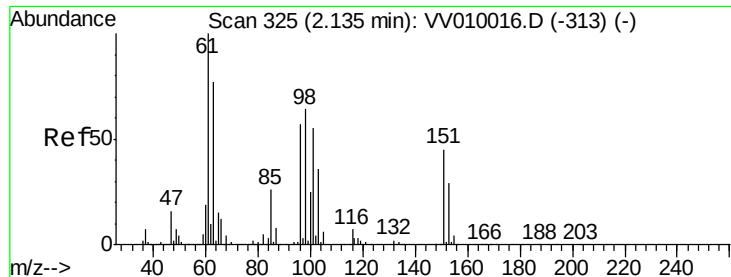
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.479 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV010029.D

Acq: 30 Mar 2019 19:22

Instrument :

MSVOA_V

ClientSampleId :

BF0M5

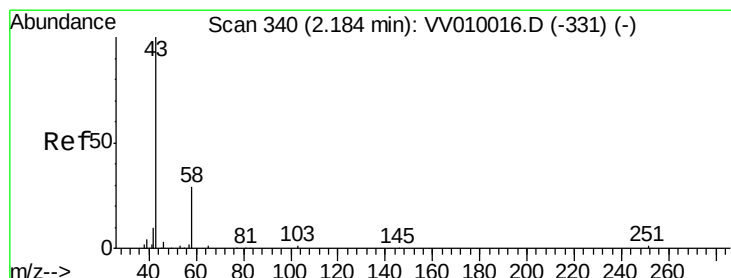
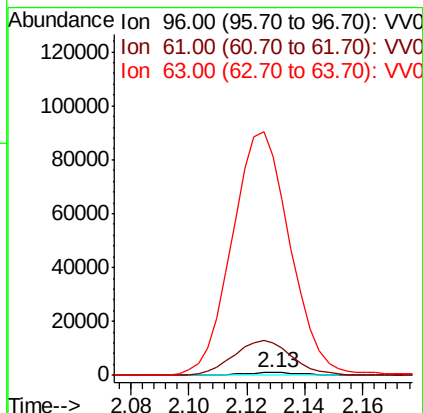
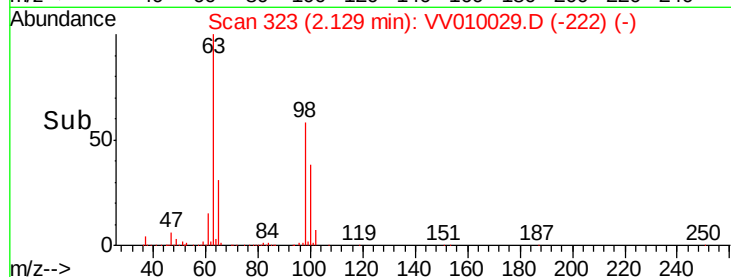
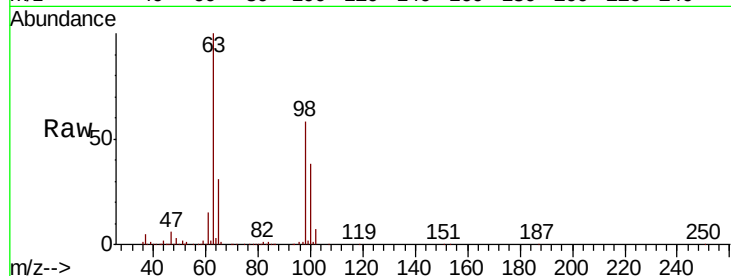
Tgt Ion: 96 Resp: 1517

Ion Ratio Lower Upper

96 100

61 1200.4 124.3 230.8#

63 7971.8 88.2 163.8#



#13

Acetone

Concen: 5.131 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV010029.D

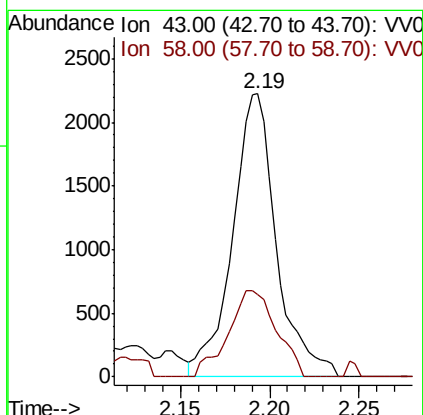
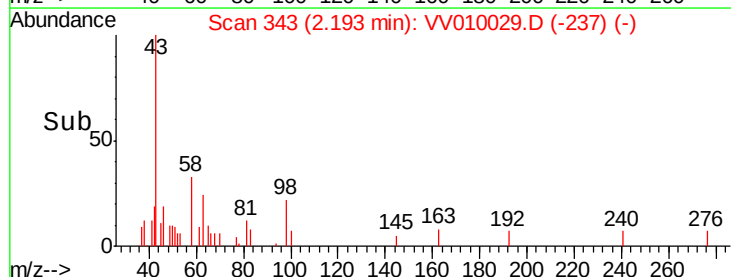
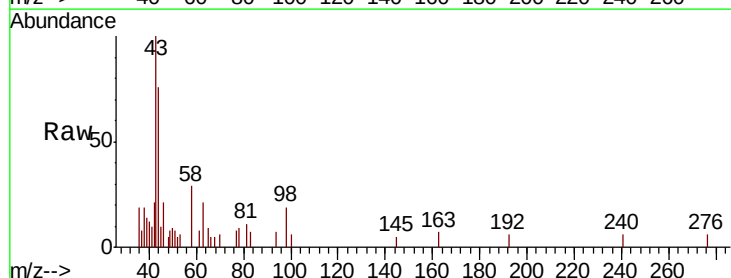
Acq: 30 Mar 2019 19:22

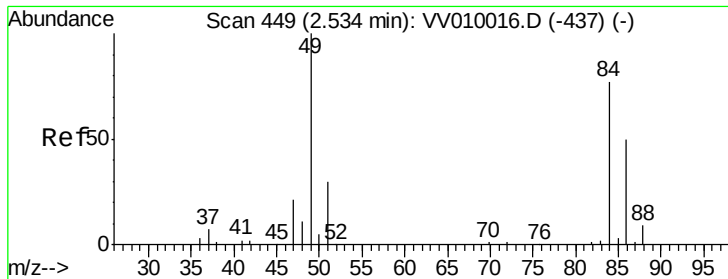
Tgt Ion: 43 Resp: 3806

Ion Ratio Lower Upper

43 100

58 31.4 0.0 59.4

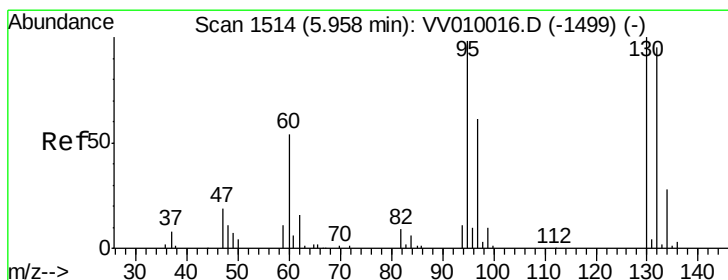
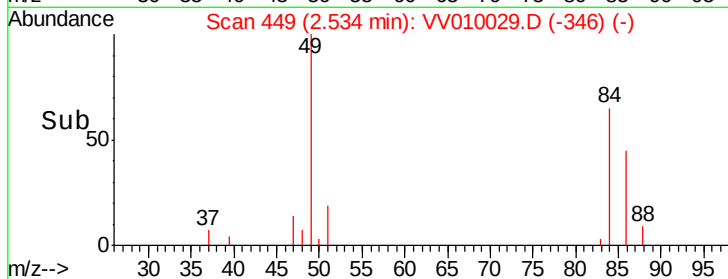
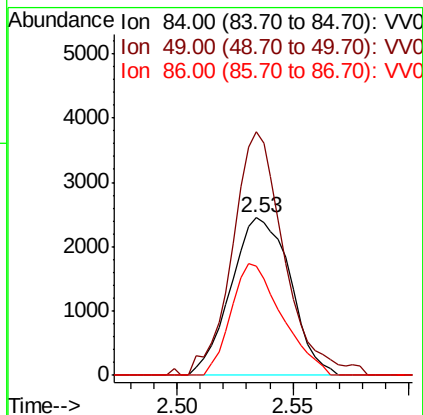
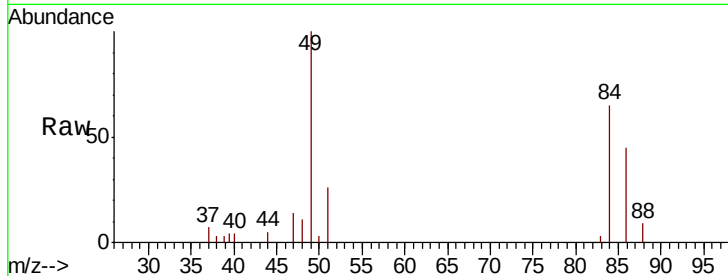




#16
Methylene chloride
Concen: 2.049 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV010029.D
Acq: 30 Mar 2019 19:22

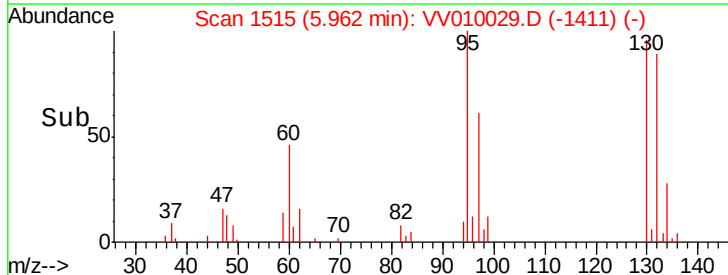
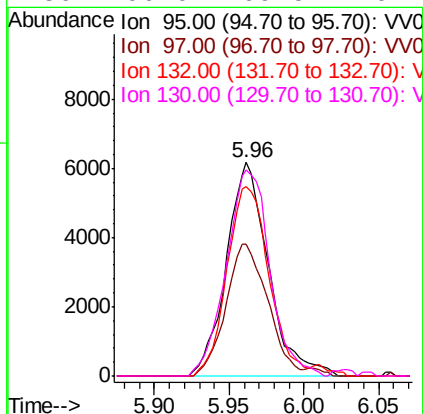
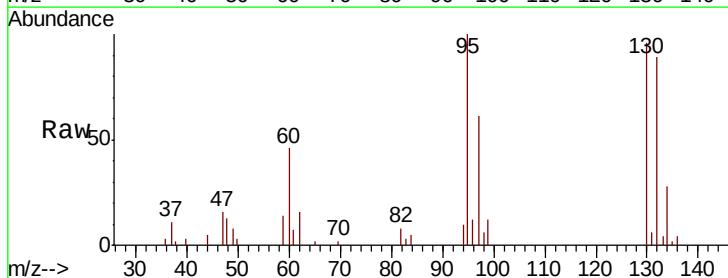
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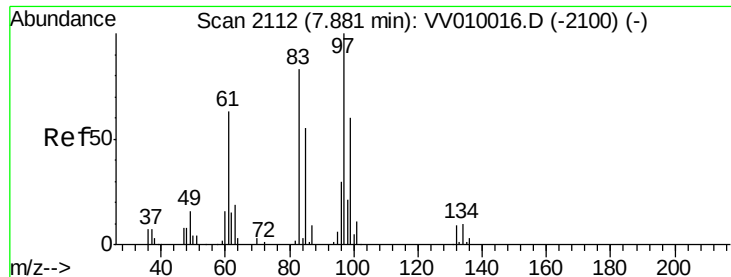
Tgt Ion: 84 Resp: 4371
Ion Ratio Lower Upper
84 100
49 154.8 90.4 167.8
86 69.8 44.0 81.6



#35
Trichloroethene
Concen: 6.142 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV010029.D
Acq: 30 Mar 2019 19:22

Tgt Ion: 95 Resp: 12053
Ion Ratio Lower Upper
95 100
97 61.5 46.3 85.9
132 88.6 69.3 128.7
130 100.0 69.5 129.1

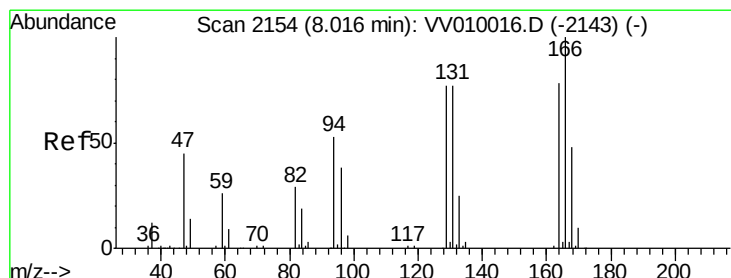
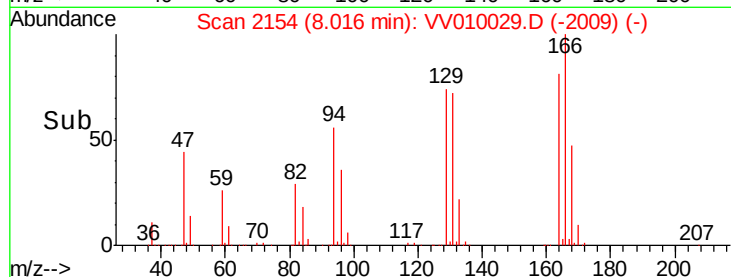
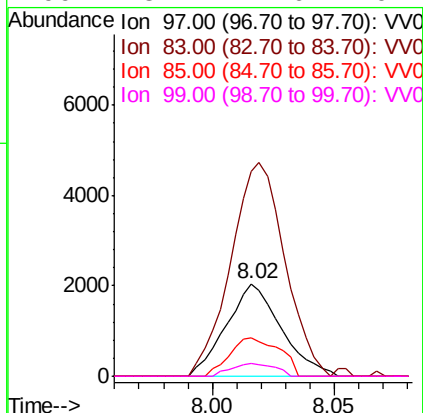
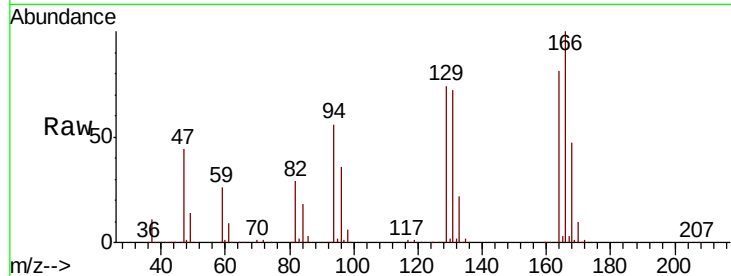




#46
 1,1,2-Trichloroethane
 Concen: 2.076 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.14 min
 Lab File: VV010029.D
 Acq: 30 Mar 2019 19:22

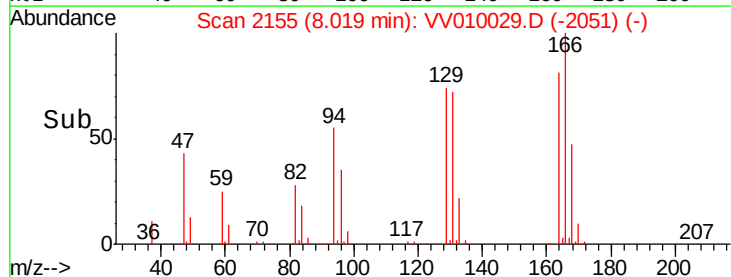
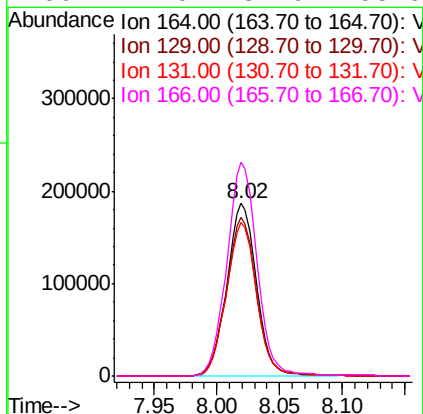
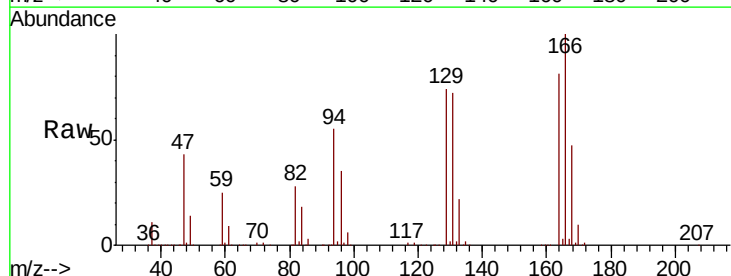
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0M5

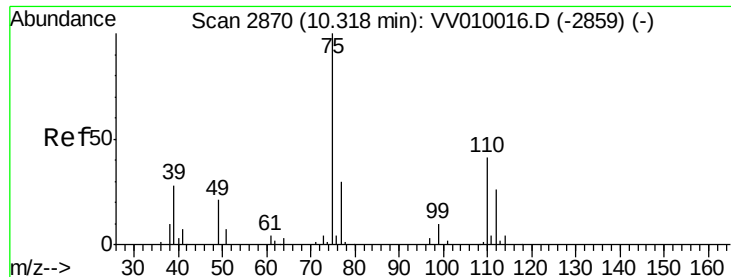
Tgt Ion: 97 Resp: 3192
 Ion Ratio Lower Upper
 97 100
 83 221.3 59.6 110.8#
 85 41.2 39.2 72.8
 99 13.7 42.6 79.2#



#47
 Tetrachloroethene
 Concen: 197.656 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV010029.D
 Acq: 30 Mar 2019 19:22

Tgt Ion: 164 Resp: 306081
 Ion Ratio Lower Upper
 164 100
 129 92.1 64.9 120.5
 131 89.0 62.0 115.2
 166 124.0 82.9 153.9





#59

1,2,3-Trichloropropane

Concen: 6.111 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010029.D

Acq: 30 Mar 2019 19:22

Instrument :

MSVOA_V

ClientSampleId :

BF0M5

Tgt Ion: 75 Resp: 9141

Ion Ratio Lower Upper

75 100

77 38.7 26.2 39.2

