

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042719\
 Data File : VV010521.D
 Acq On : 27 Apr 2019 01:48
 Operator : SY/MD
 Sample : K2592-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XG6

Quant Time: Apr 27 03:40:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 27 03:37:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	224791	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	224809	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	100269	5.00	ug/L	0.00

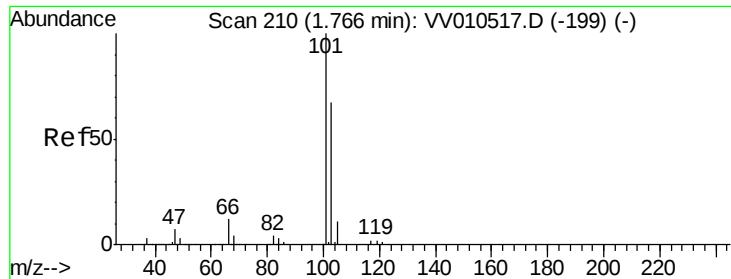
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54823	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.57	69	31970	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.13	63	81230	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	3.94	46	139952	49.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.26%
24) Chloroform-d	4.40	84	147329	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.08	65	72291	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.10	84	288015	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.12	67	79395	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.36	98	256829	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.67	79	26672	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.14	63	122086	47.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	61635	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	113113	5.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.00%

Target Compounds

					Qvalue
9) Trichlorofluoromethane	1.77	101	51996	2.120 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1241	0.102 ug/L #	15
13) Acetone	2.20	43	20864	14.852 ug/L	99
15) Methyl Acetate	2.34	43	3558	0.763 ug/L #	46
21) 2-Butanone	4.14	43	64118	22.083 ug/L #	47
34) Trichloroethene	5.96	95	7317	0.432 ug/L	93
35) Methylcyclohexane	6.12	83	20846	0.949 ug/L #	19
37) 1,2-Dichloropropane	6.13	63	8986	0.670 ug/L #	89
44) trans-1,3-Dichloropropene	7.67	75	1662	0.109 ug/L #	55
47) Tetrachloroethene	8.02	164	76415	4.832 ug/L	97
49) Dibromochloromethane	8.02	129	65896	4.714 ug/L #	12
59) 1,2,3-Trichloropropane	10.05	75	1543	0.180 ug/L #	43

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



#9

Trichlorofluoromethane

Concen: 2.120 ug/L

RT: 1.77 min Scan# 210

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

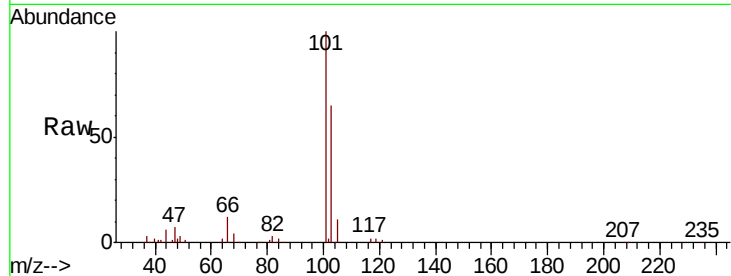
C0XG6

Tgt Ion:101 Resp: 51996

Ion Ratio Lower Upper

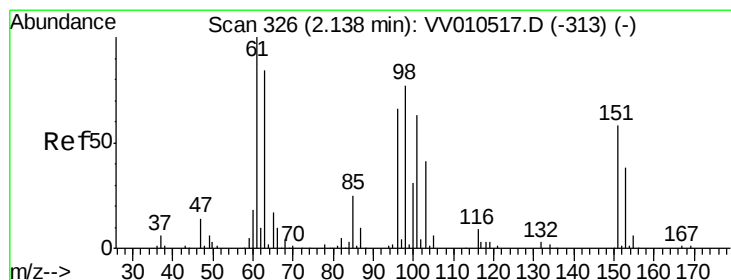
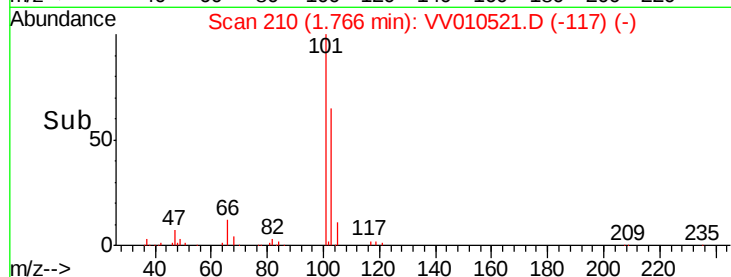
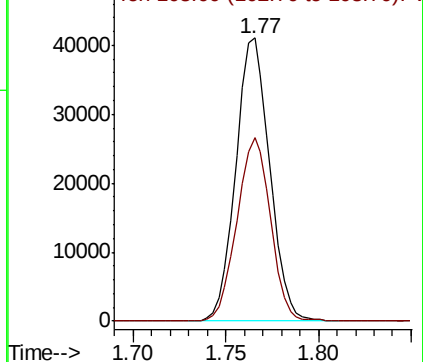
101 100

103 64.2 50.5 75.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.102 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.02 min

Lab File: VV010521.D

Acq: 27 Apr 2019 01:48

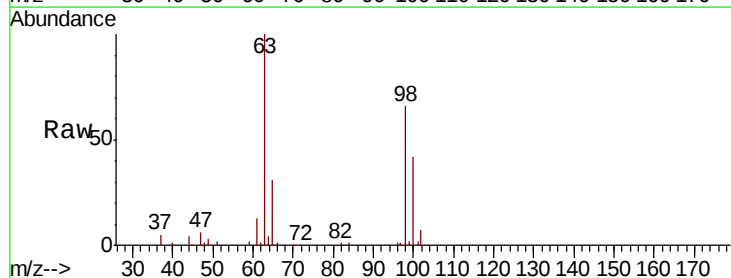
Tgt Ion:101 Resp: 1241

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.4#

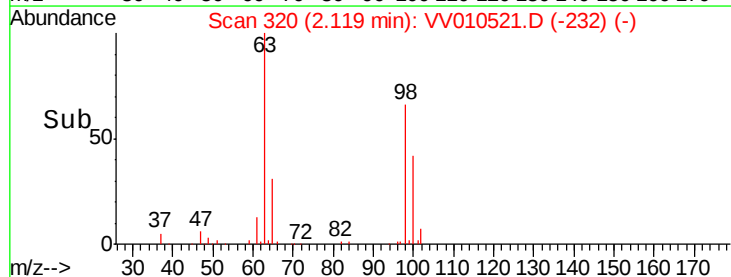
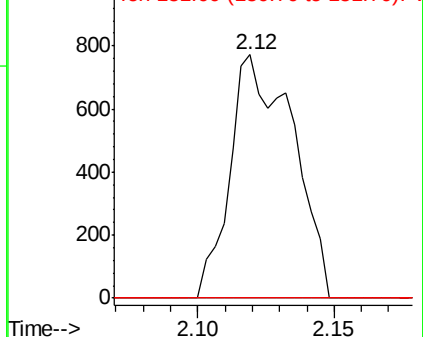
151 3.9 75.2 112.8#

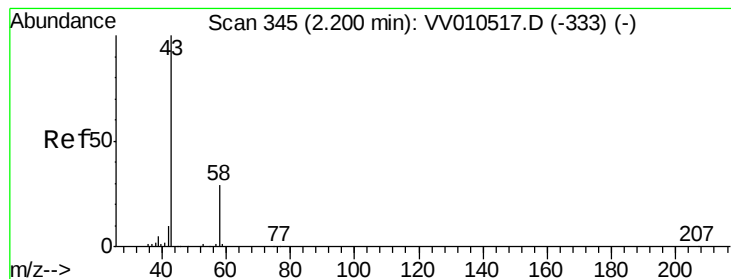


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#13

Acetone

Concen: 14.852 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.01 min

Lab File: VV010521.D

Acq: 27 Apr 2019 01:48

Instrument :

MSVOA_V

ClientSampled :

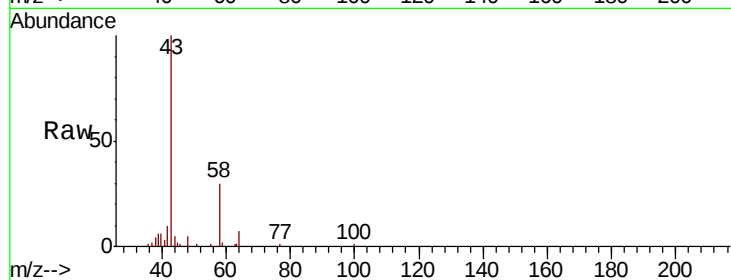
C0XG6

Tgt Ion: 43 Resp: 20864

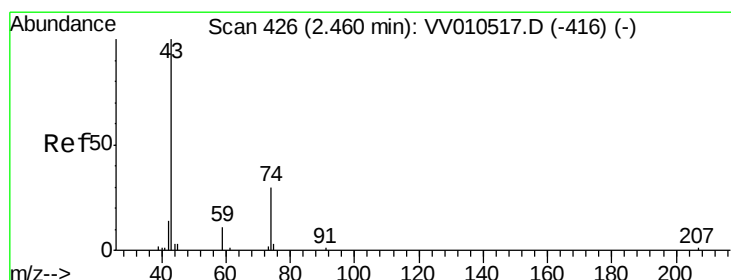
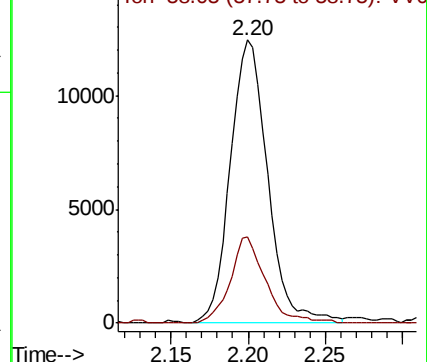
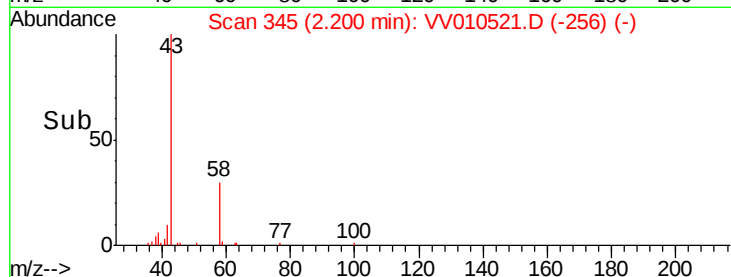
Ion Ratio Lower Upper

43 100

58 28.4 0.0 57.4



Abundance Ion 43.05 (42.75 to 43.75): VV010521.D (-256) (-)



#15

Methyl Acetate

Concen: 0.763 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.13 min

Lab File: VV010521.D

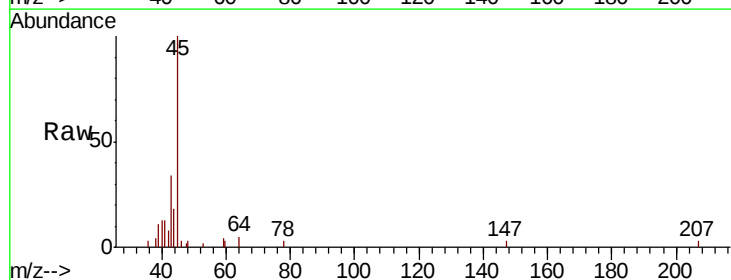
Acq: 27 Apr 2019 01:48

Tgt Ion: 43 Resp: 3558

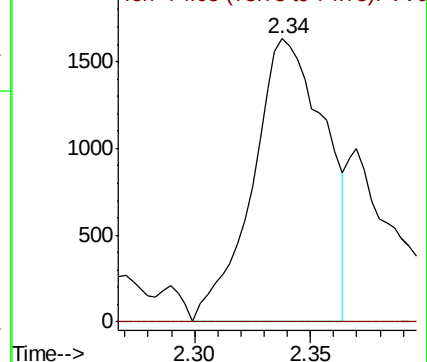
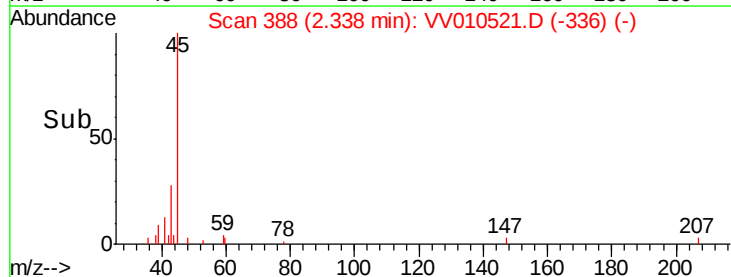
Ion Ratio Lower Upper

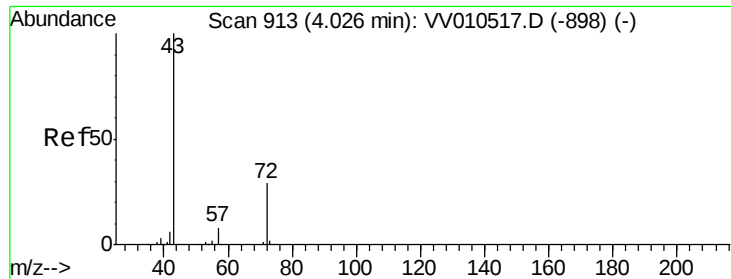
43 100

74 0.6 24.2 36.2#



Abundance Ion 43.05 (42.75 to 43.75): VV010521.D (-336) (-)





#21

2-Butanone

Concen: 22.083 ug/L

RT: 4.14 min Scan# 947

Delta R.T. 0.10 min

Lab File: VV010521.D

Acq: 27 Apr 2019 01:48

Instrument :

MSVOA_V

ClientSampled :

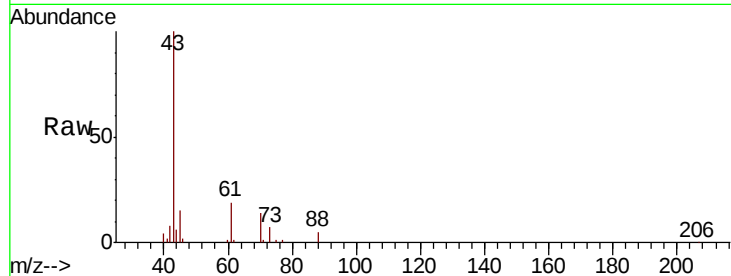
C0XG6

Tgt Ion: 43 Resp: 64118

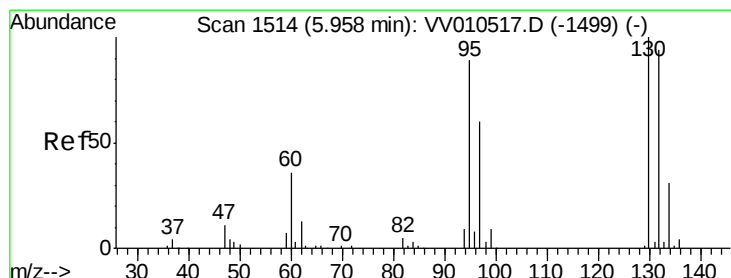
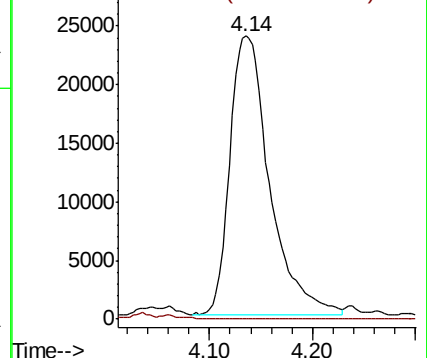
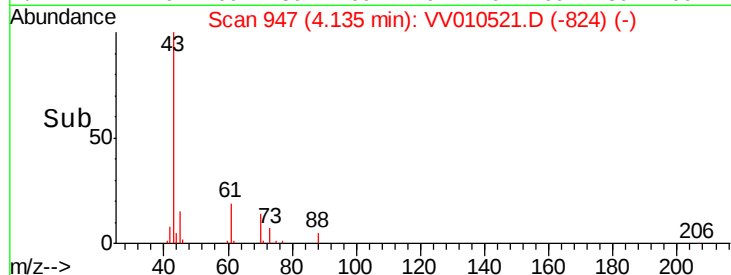
Ion Ratio Lower Upper

43 100

72 0.7 14.6 43.8#



Abundance Ion 43.05 (42.75 to 43.75): VV010521.D (-824) (-)



#34

Trichloroethene

Concen: 0.432 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV010521.D

Acq: 27 Apr 2019 01:48

Tgt Ion: 95 Resp: 7317

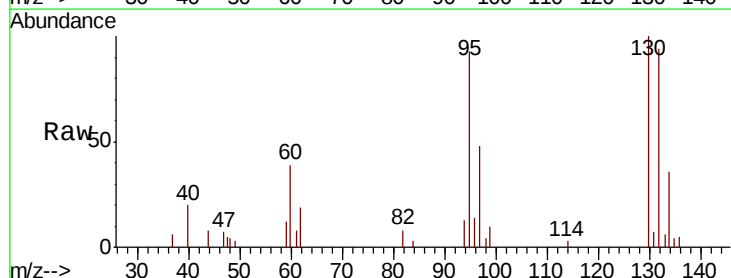
Ion Ratio Lower Upper

95 100

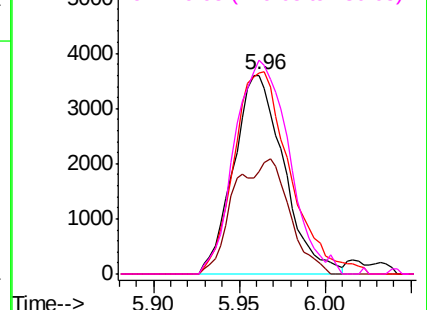
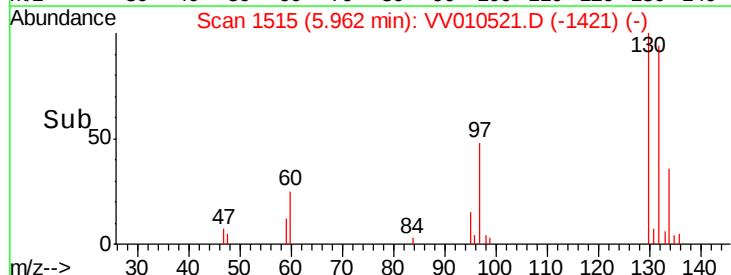
97 51.5 43.3 80.5

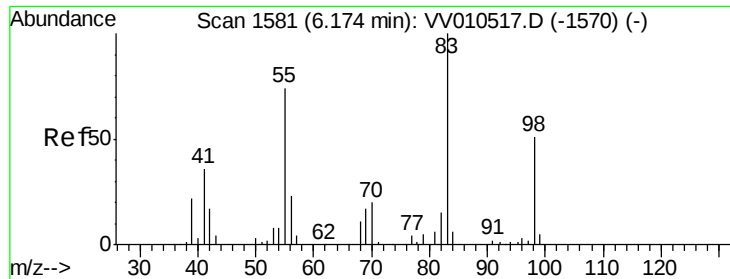
132 101.4 74.1 137.5

130 107.5 79.5 147.6



Abundance Ion 95.00 (94.70 to 95.70): VV010521.D (-1421) (-)

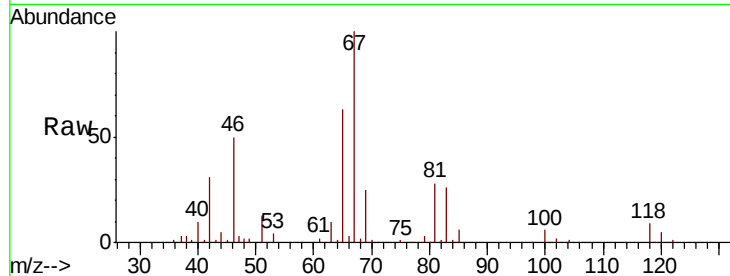




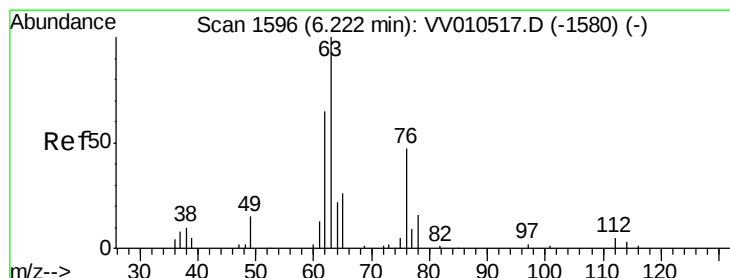
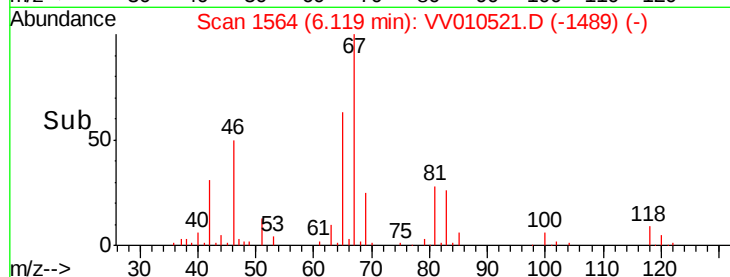
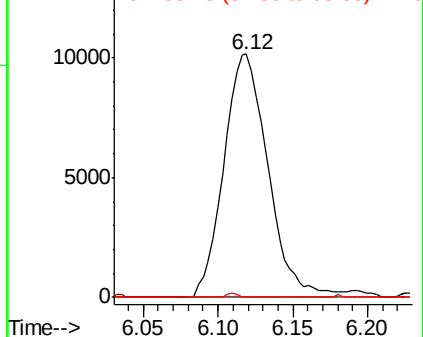
#35
Methylcyclohexane
Concen: 0.949 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV010521.D
Acq: 27 Apr 2019 01:48

Instrument :
MSVOA_V
ClientSampleId :
C0XG6

Tgt Ion: 83 Resp: 20846
Ion Ratio Lower Upper
83 100
55 0.2 58.0 87.0#
98 0.4 40.4 60.6#

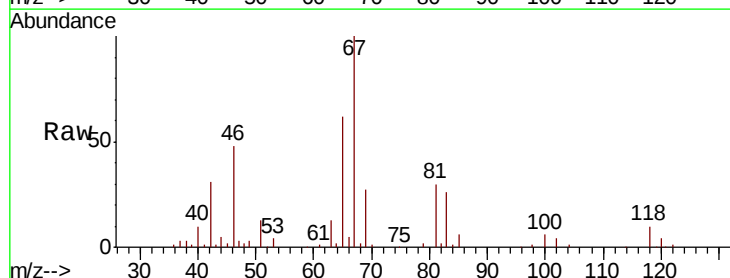


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

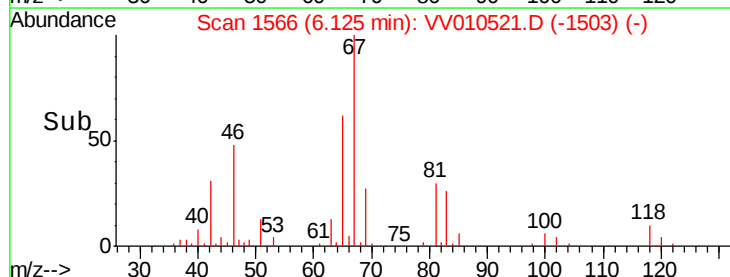
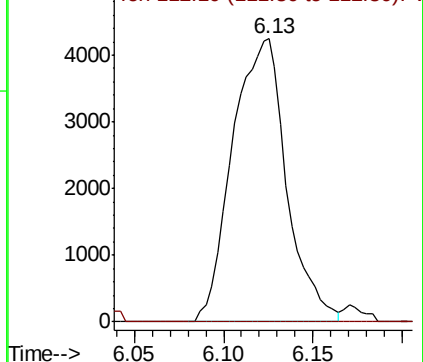


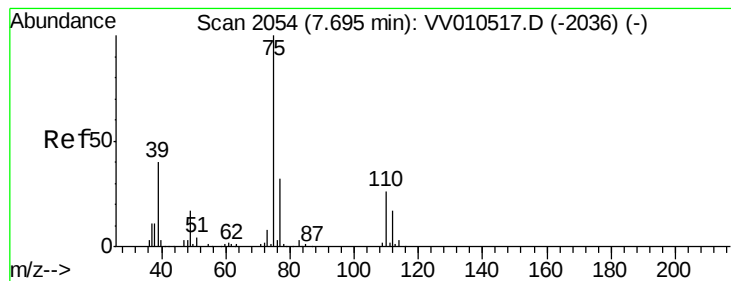
#37
1,2-Dichloropropane
Concen: 0.670 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV010521.D
Acq: 27 Apr 2019 01:48

Tgt Ion: 63 Resp: 8986
Ion Ratio Lower Upper
63 100
112 0.9 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV010521.D

Acq: 27 Apr 2019 01:48

Instrument :

MSVOA_V

ClientSampled :

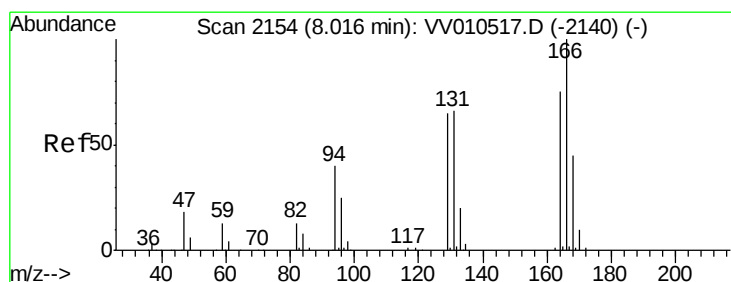
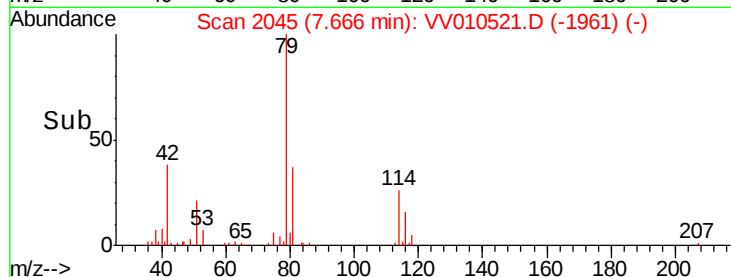
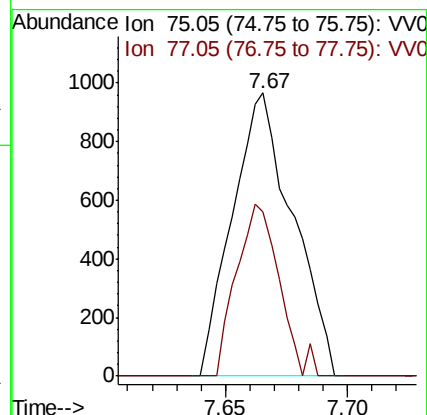
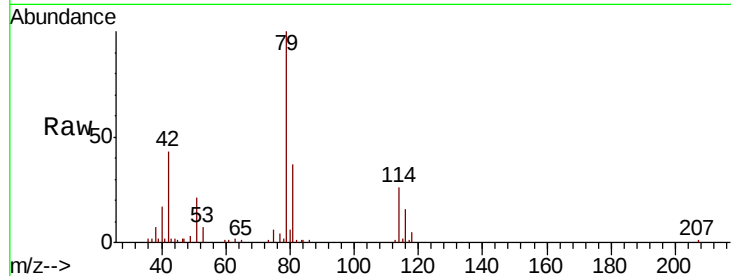
C0XG6

Tgt Ion: 75 Resp: 1662

Ion Ratio Lower Upper

75 100

77 58.2 23.0 42.6#



#47

Tetrachloroethene

Concen: 4.832 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010521.D

Acq: 27 Apr 2019 01:48

Tgt Ion: 164 Resp: 76415

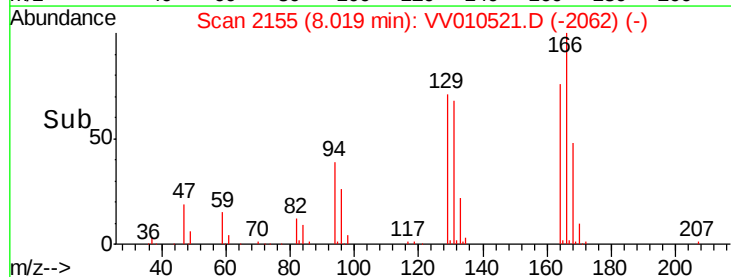
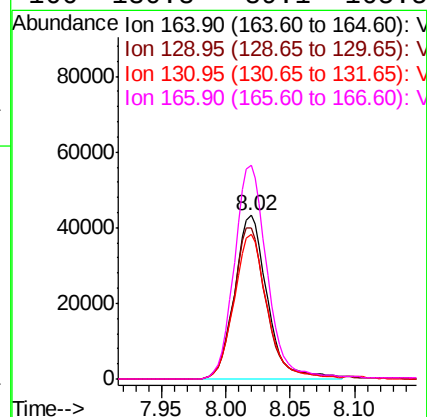
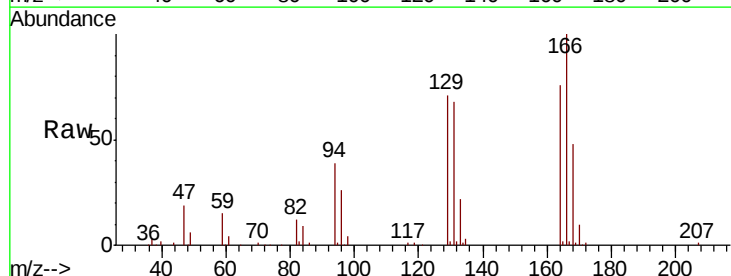
Ion Ratio Lower Upper

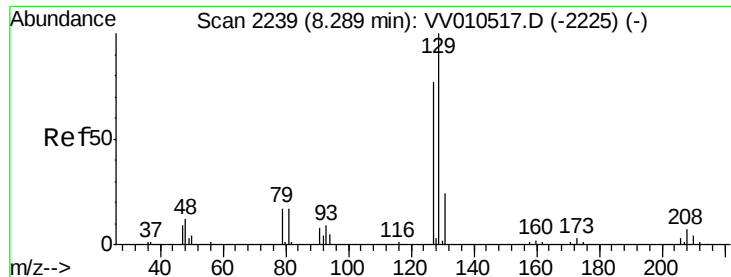
164 100

129 92.6 62.2 115.4

131 88.7 61.5 114.1

166 130.8 89.1 165.5





#49

Dibromochloromethane

Concen: 4.714 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV010521.D

Acq: 27 Apr 2019 01:48

Instrument :

MSVOA_V

ClientSampleId :

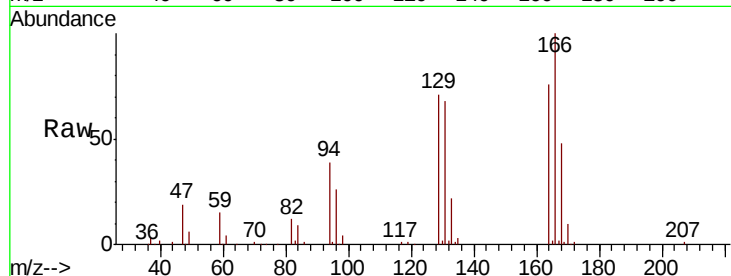
C0XG6

Tgt Ion:129 Resp: 65896

Ion Ratio Lower Upper

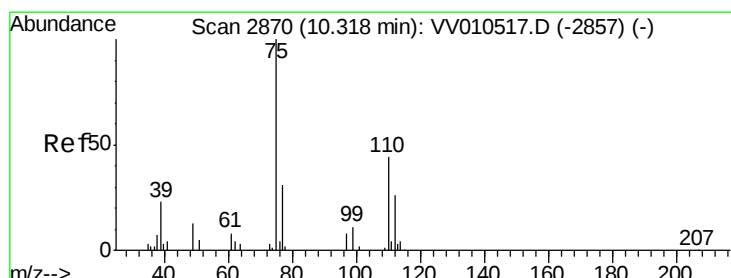
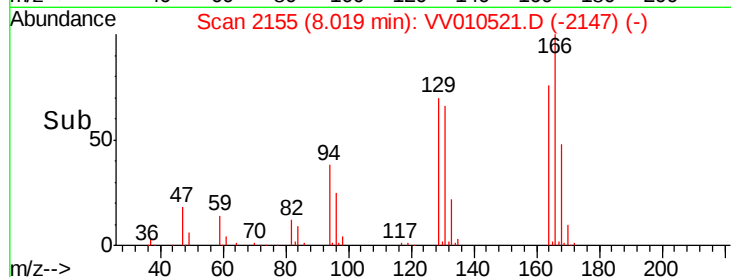
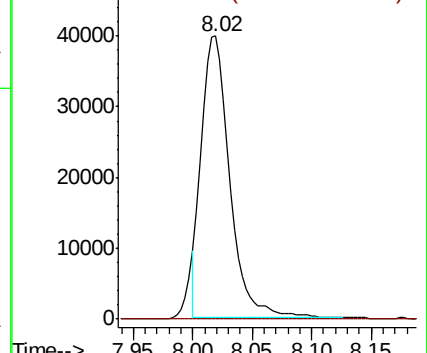
129 100

127 0.0 51.9 96.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 0.180 ug/L

RT: 10.05 min Scan# 2788

Delta R.T. -0.26 min

Lab File: VV010521.D

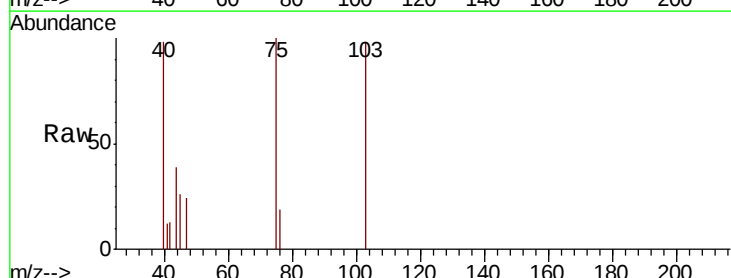
Acq: 27 Apr 2019 01:48

Tgt Ion: 75 Resp: 1543

Ion Ratio Lower Upper

75 100

77 1.2 26.9 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

