

Data File : VV010608.D
Acq On : 01 May 2019 16:55
Operator : SY/MD
Sample : K2590-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X88

Quant Time: May 02 08:23:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 02 08:18:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	75543	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	76747	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31249	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23599	5.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.40%
7) Chloroethane-d5	1.57	69	17118	5.99	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.80%
11) 1,1-Dichloroethene-d2	2.13	63	32086	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.93	46	54617	52.38	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.76%
24) Chloroform-d	4.40	84	43068	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.08	65	24630	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.10	84	95999	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.12	67	29336	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.36	98	86255	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.67	79	9999	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.13	63	47248	56.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	20386	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	30511	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

					Qvalue	
8) Chloroethane	1.60	64	358	0.138	ug/L #	41
9) Trichlorofluoromethane	1.76	101	1036	0.110	ug/L #	81
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	437	0.088	ug/L #	17
13) Acetone	2.19	43	11604	18.743	ug/L	95
15) Methyl Acetate	2.31	43	1306	0.682	ug/L #	54
21) 2-Butanone	4.04	43	1809	1.719	ug/L #	64
22) cis-1,2-Dichloroethene	3.96	96	1663	0.300	ug/L	99
25) Chloroform	4.43	83	7179	0.710	ug/L	91
34) Trichloroethene	5.96	95	44769	7.518	ug/L	98
35) Methylcyclohexane	6.12	83	6972	0.808	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	3347	0.648	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	796	0.114	ug/L #	64
47) Tetrachloroethene	8.02	164	1735	0.369	ug/L	95
48) 2-Hexanone	8.13	43	5534	2.719	ug/L #	69
49) Dibromochloromethane	8.02	129	1832	0.428	ug/L #	11
59) 1,2,3-Trichloropropane	10.05	75	383	0.130	ug/L #	44

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050119\
Quantitation Report (Not Reviewed)

Data File : VV010608.D
Acq On : 01 May 2019 16:55
Operator : SY/MD
Sample : K2590-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X88

Quant Time: May 02 08:23:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 02 08:18:34 2019
Response via : Initial Calibration

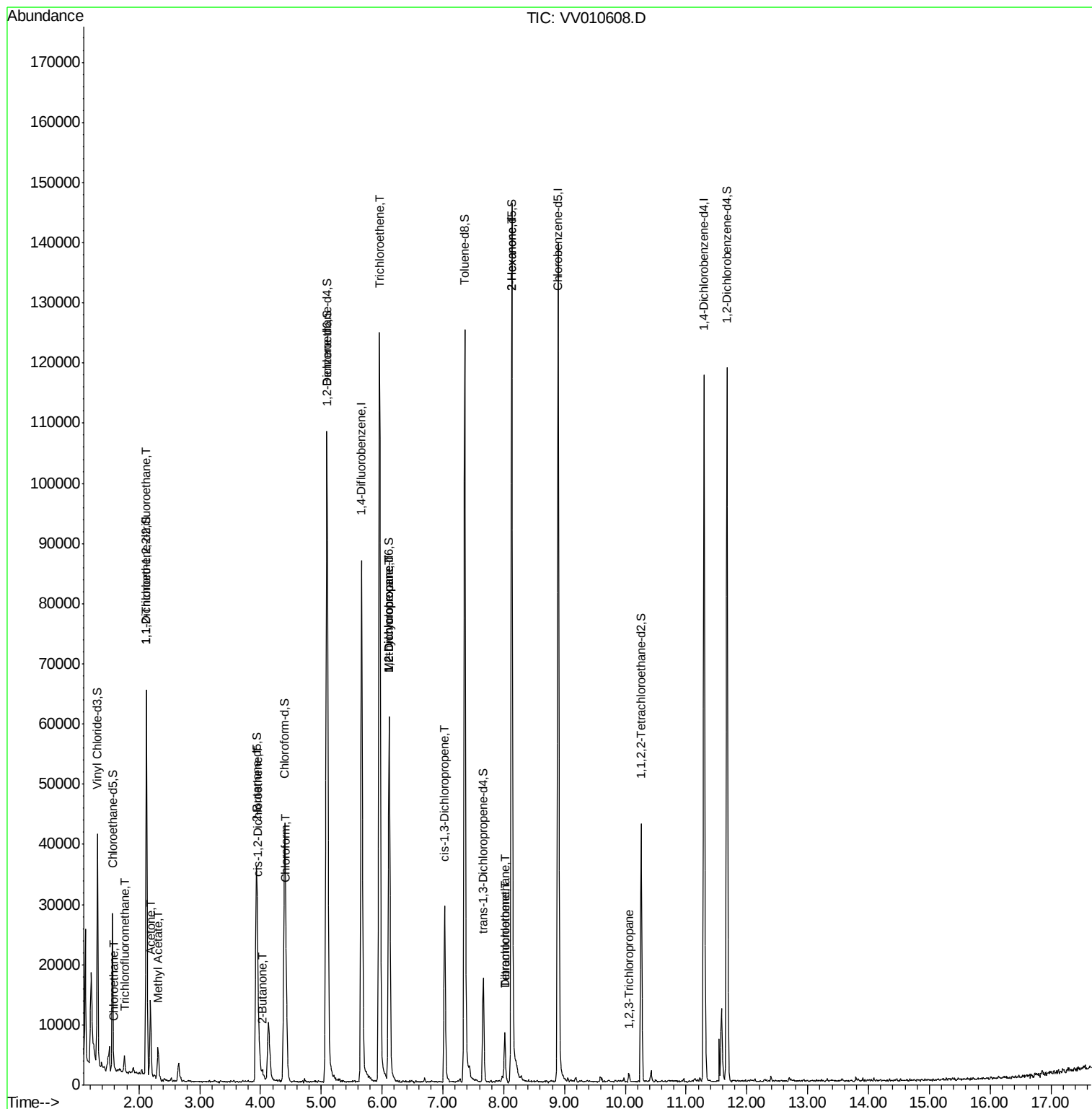
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

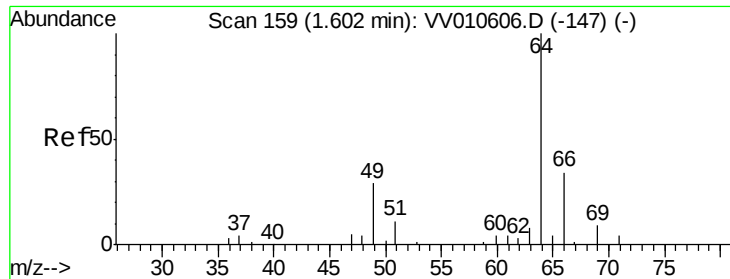
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010608.D
Acq On : 01 May 2019 16:55
Operator : SY/MD
Sample : K2590-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X88

Quant Time: May 02 08:23:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 02 08:18:34 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.138 ug/L

RT: 1.60 min Scan# 159

Delta R.T. -0.00 min

Lab File: VV010608.D

Acq: 01 May 2019 16:55

Instrument :

MSVOA_V

ClientSampled :

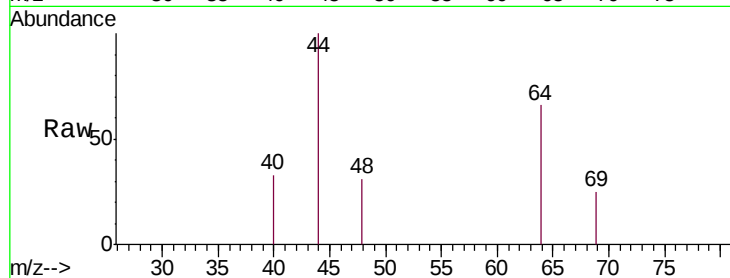
C0X88

Tgt Ion: 64 Resp: 358

Ion Ratio Lower Upper

64 100

66 0.0 23.8 44.2#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

1.60

800

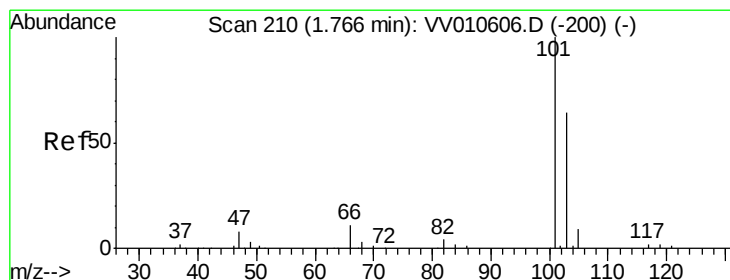
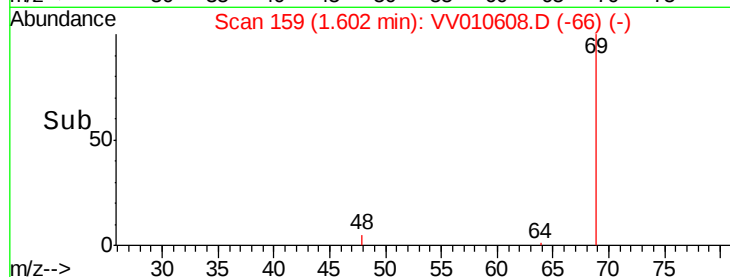
600

400

200

0

Time--> 1.56 1.58 1.60 1.62 1.64



#9

Trichlorofluoromethane

Concen: 0.110 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV010608.D

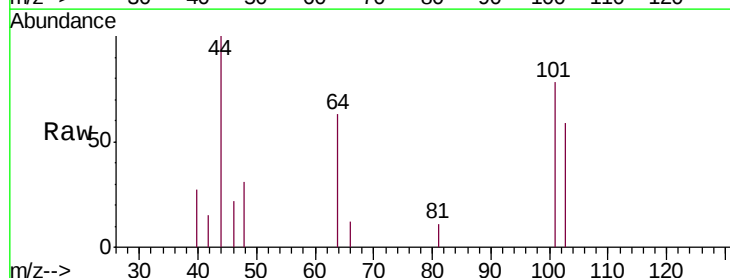
Acq: 01 May 2019 16:55

Tgt Ion: 101 Resp: 1036

Ion Ratio Lower Upper

101 100

103 76.2 49.5 74.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1000

800

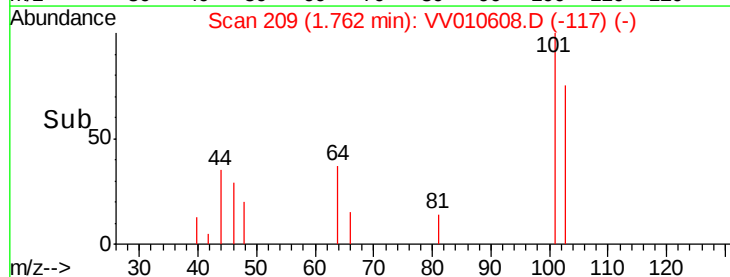
600

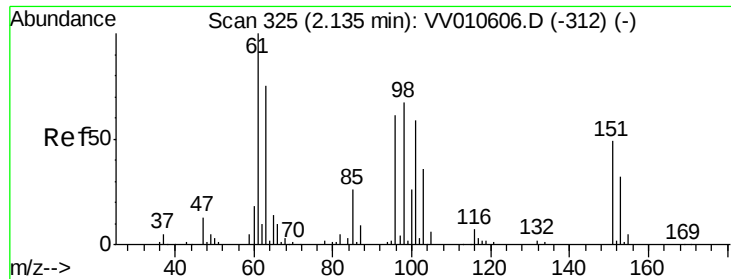
400

200

0

Time--> 1.74 1.76 1.78





#10

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

Concen: 0.088 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV010608.D

Acq: 01 May 2019 16:55

Instrument :

MSVOA_V

ClientSampleId :

C0X88

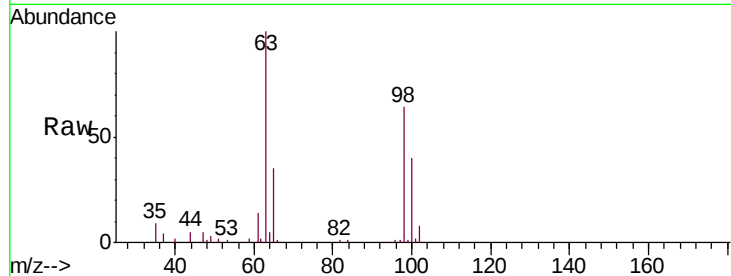
Tgt Ion: 101 Resp: 437

Ion Ratio Lower Upper

101 100

85 0.0 33.7 50.5#

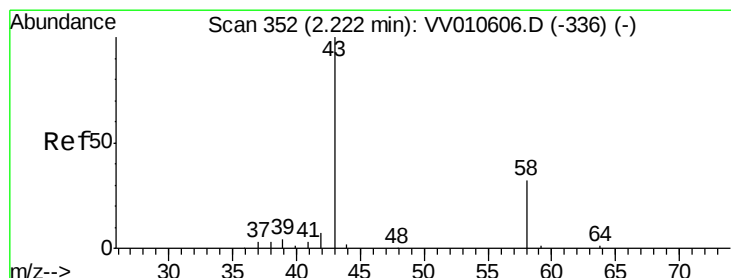
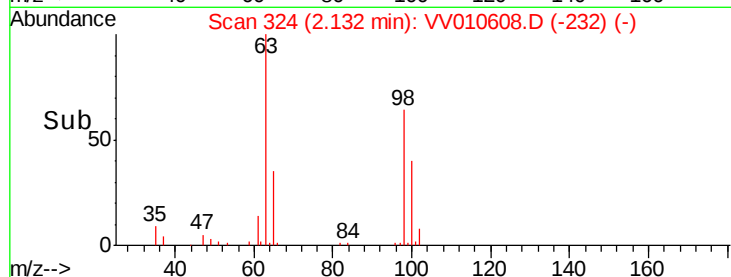
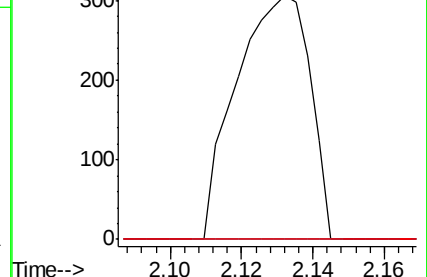
151 0.0 65.2 97.8#



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: 18.743 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.03 min

Lab File: VV010608.D

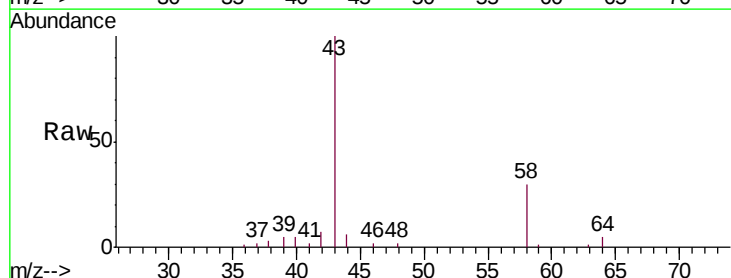
Acq: 01 May 2019 16:55

Tgt Ion: 43 Resp: 11604

Ion Ratio Lower Upper

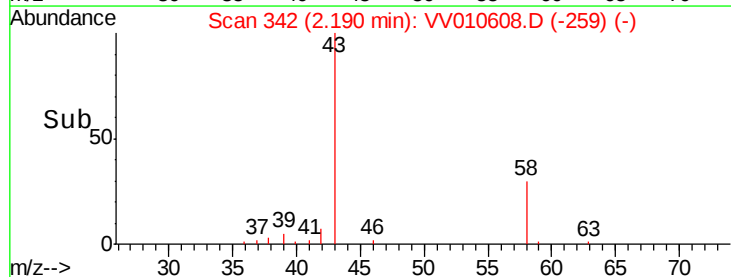
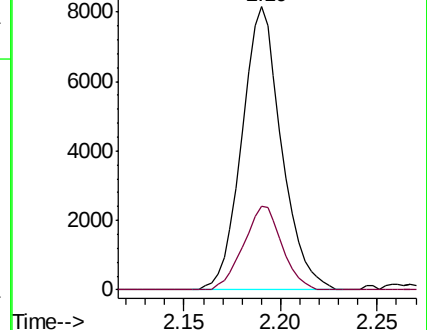
43 100

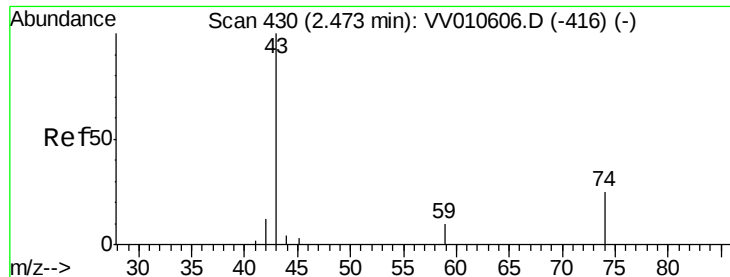
58 28.7 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

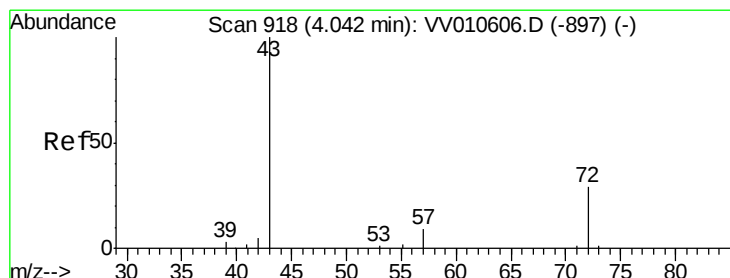
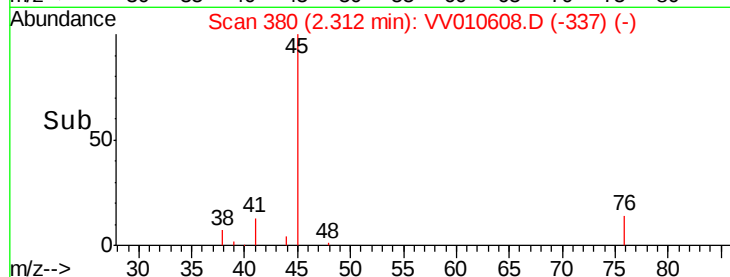
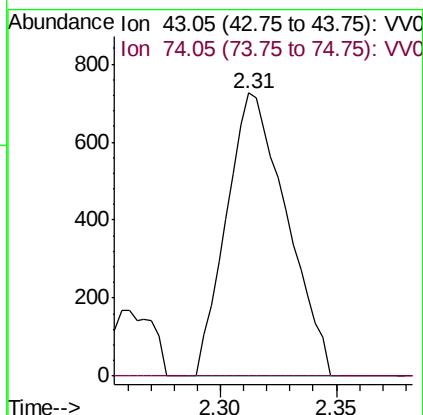
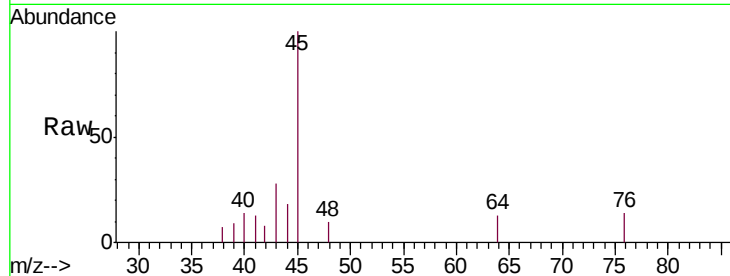




#15
Methyl Acetate
Concen: 0.682 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.16 min
Lab File: VV010608.D
Acq: 01 May 2019 16:55

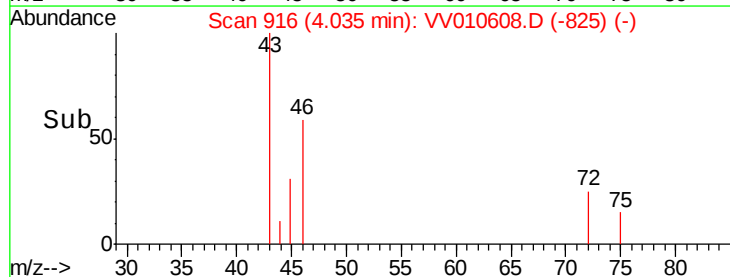
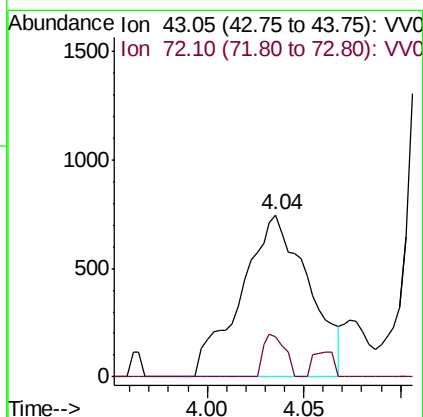
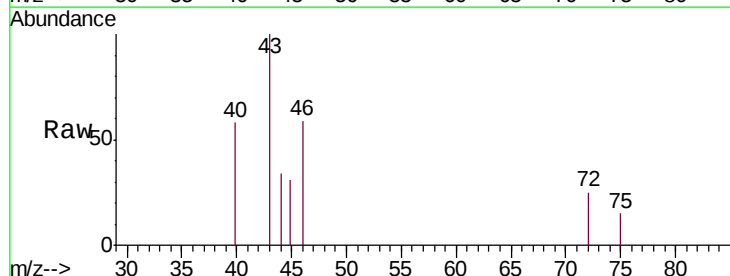
Instrument :
MSVOA_V
ClientSampleId :
C0X88

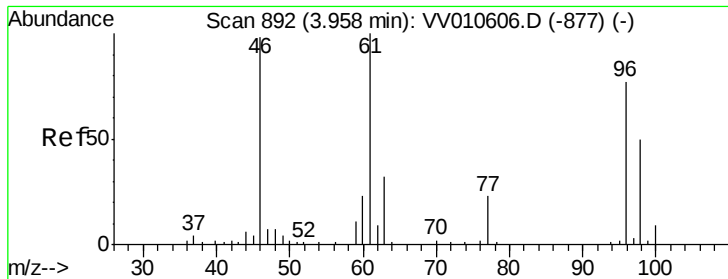
Tgt Ion: 43 Resp: 1306
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#21
2-Butanone
Concen: 1.719 ug/L
RT: 4.04 min Scan# 916
Delta R.T. -0.01 min
Lab File: VV010608.D
Acq: 01 May 2019 16:55

Tgt Ion: 43 Resp: 1809
Ion Ratio Lower Upper
43 100
72 8.5 13.8 41.3#



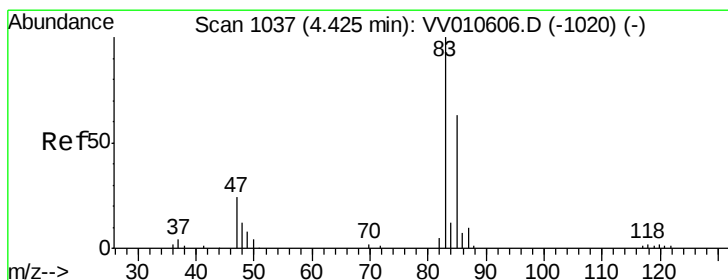
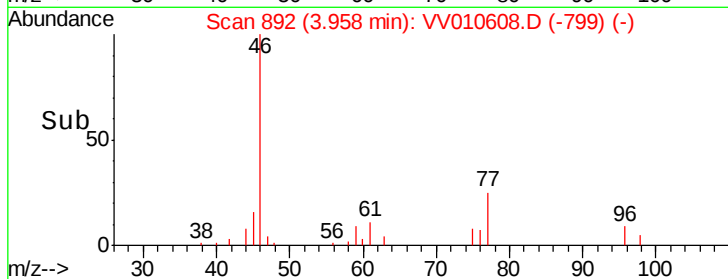
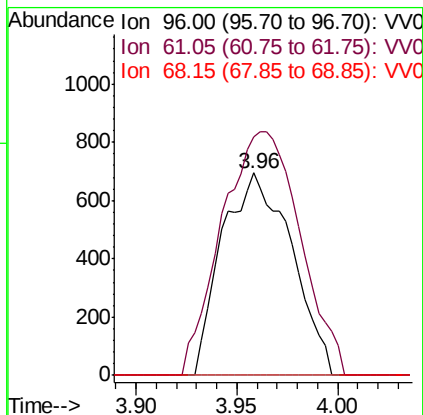
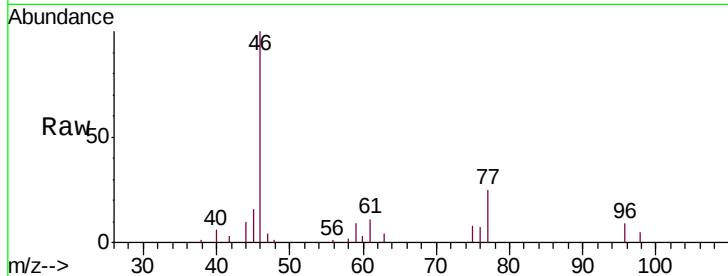


#22

cis-1,2-Dichloroethene
 Concen: 0.300 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: VV010608.D
 Acq: 01 May 2019 16:55

Instrument :
 MSVOA_V
 ClientSampled :
 C0X88

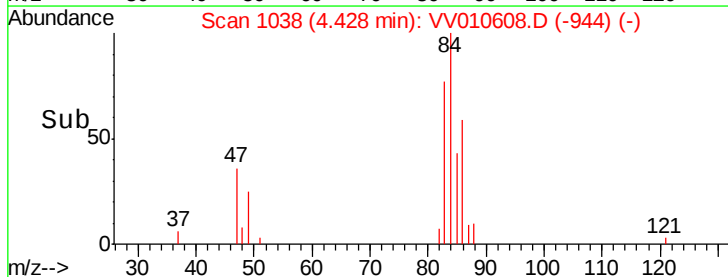
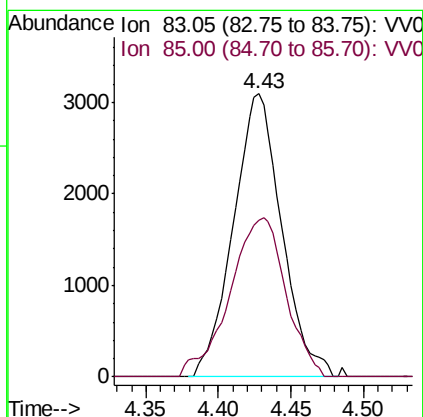
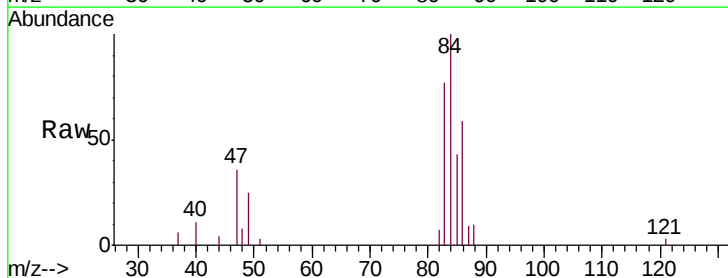
Tgt Ion: 96 Resp: 1663
 Ion Ratio Lower Upper
 96 100
 61 118.2 82.3 152.9
 68 0.0 0.0 0.0

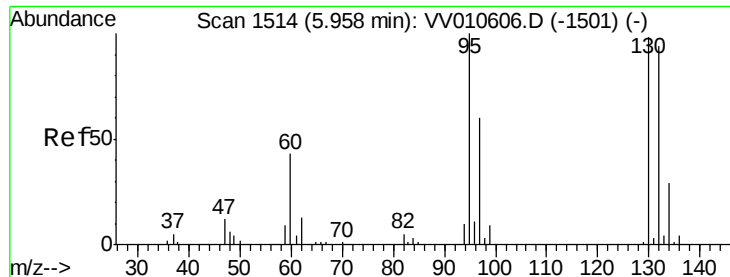


#25

Chloroform
 Concen: 0.710 ug/L
 RT: 4.43 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: VV010608.D
 Acq: 01 May 2019 16:55

Tgt Ion: 83 Resp: 7179
 Ion Ratio Lower Upper
 83 100
 85 55.6 43.7 81.1





#34

Trichloroethene

Concen: 7.518 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV010608.D

Acq: 01 May 2019 16:55

Instrument :

MSVOA_V

ClientSampleId :

C0X88

Tgt Ion: 95 Resp: 44769

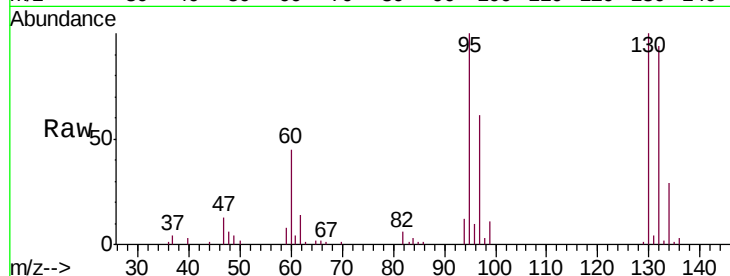
Ion Ratio Lower Upper

95 100

97 61.1 42.4 78.6

132 93.9 69.3 128.7

130 99.7 70.3 130.7

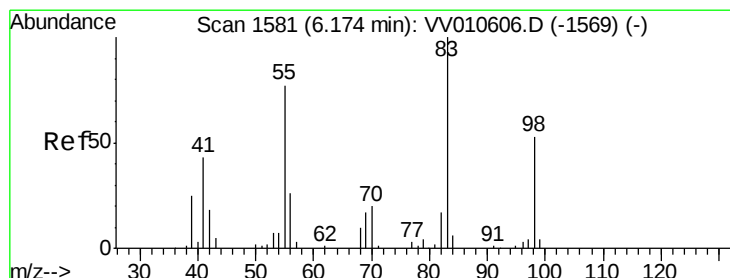
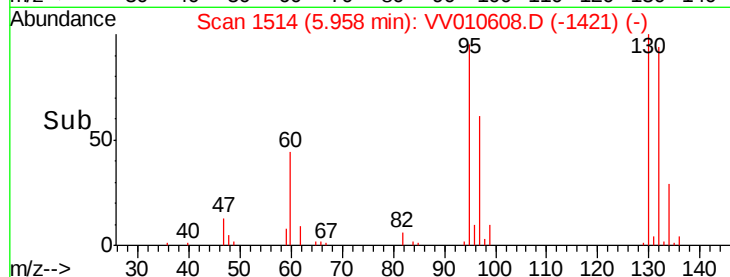
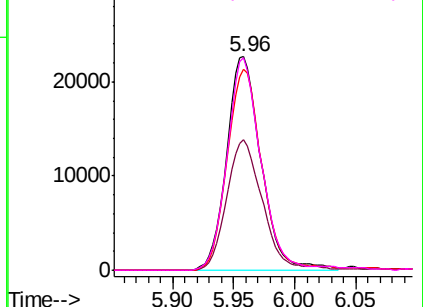


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.808 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV010608.D

Acq: 01 May 2019 16:55

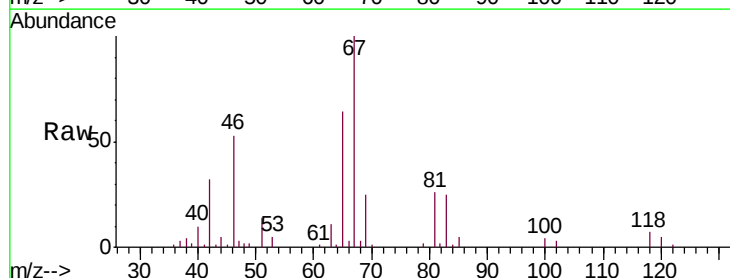
Tgt Ion: 83 Resp: 6972

Ion Ratio Lower Upper

83 100

55 0.0 63.4 95.0#

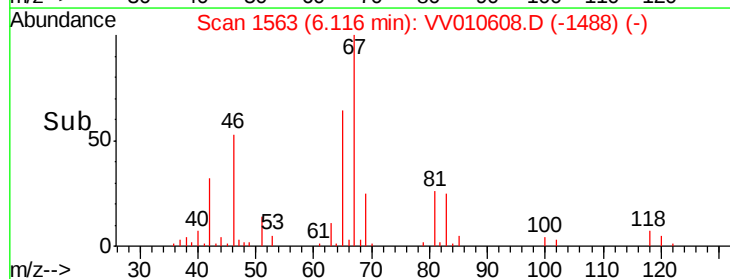
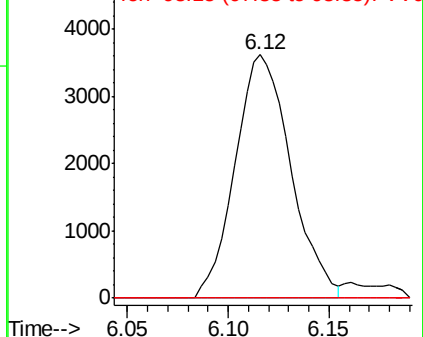
98 0.0 38.7 58.1#

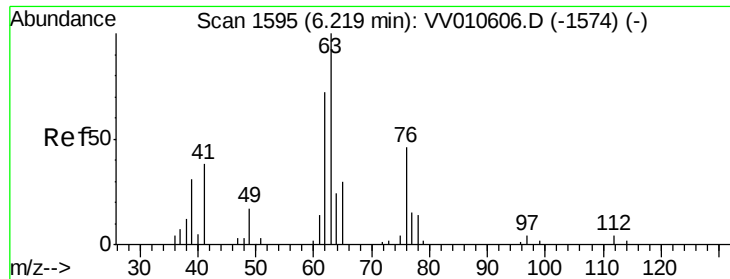


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

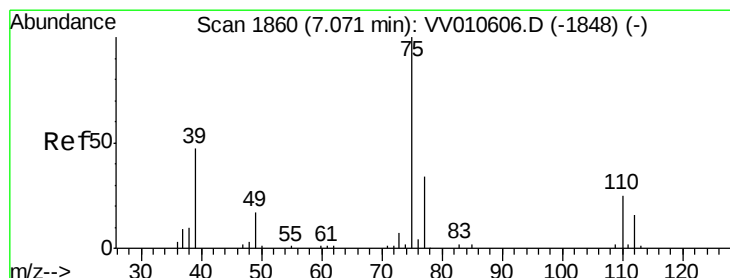
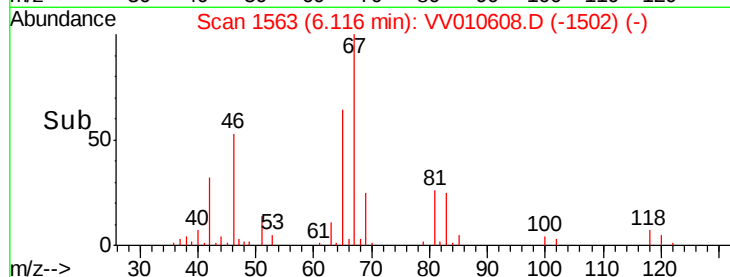
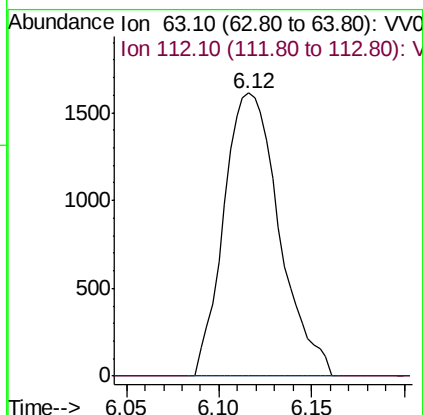
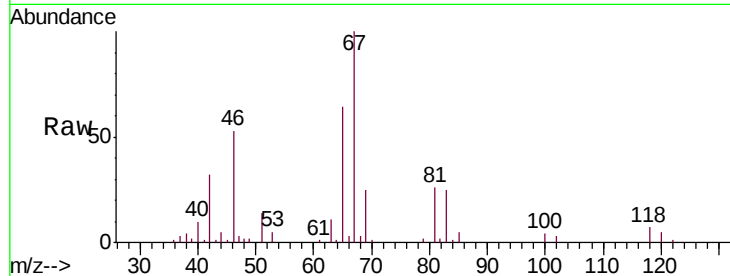




#37
 1,2-Dichloropropane
 Concen: 0.648 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV010608.D
 Acq: 01 May 2019 16:55

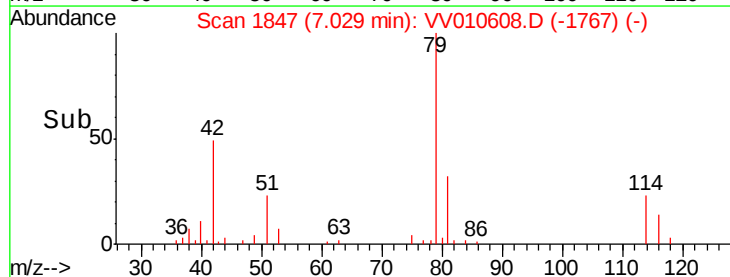
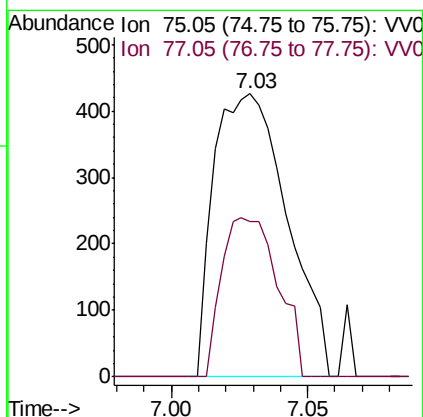
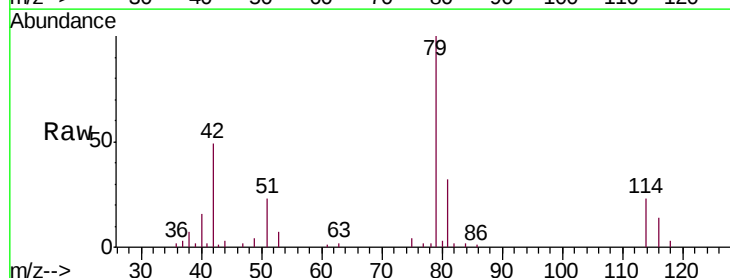
Instrument :
 MSVOA_V
 ClientSampleId :
 C0X88

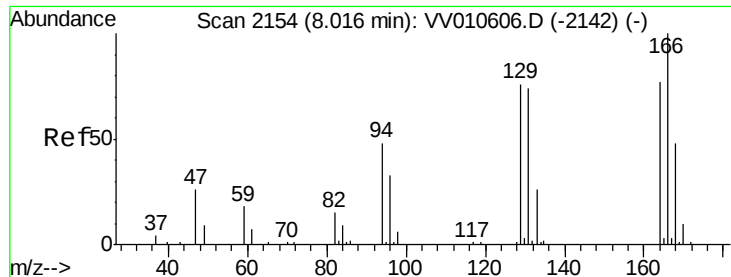
Tgt Ion: 63 Resp: 3347
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010608.D
 Acq: 01 May 2019 16:55

Tgt Ion: 75 Resp: 796
 Ion Ratio Lower Upper
 75 100
 77 54.9 23.9 44.3#

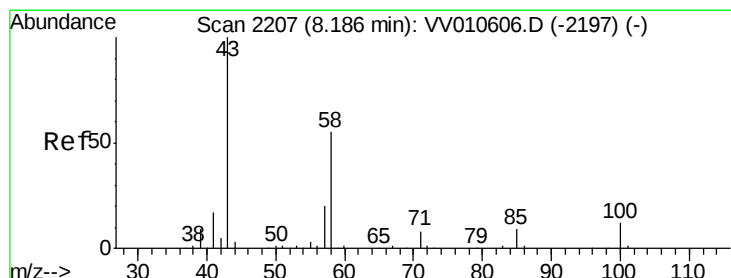
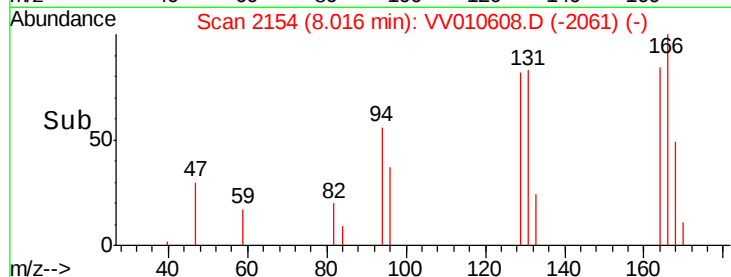
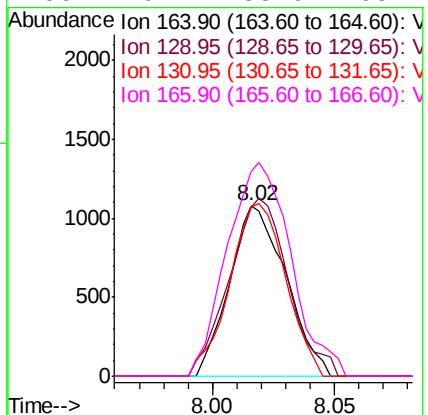
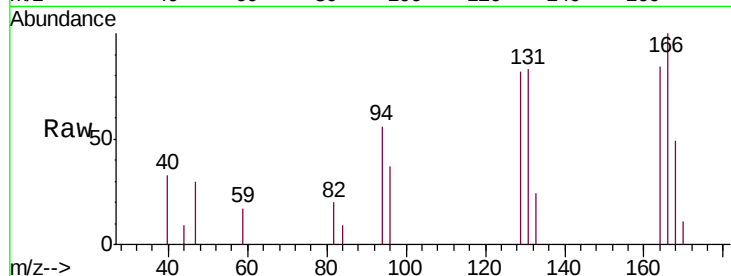




#47
Tetrachloroethene
Concen: 0.369 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV010608.D
Acq: 01 May 2019 16:55

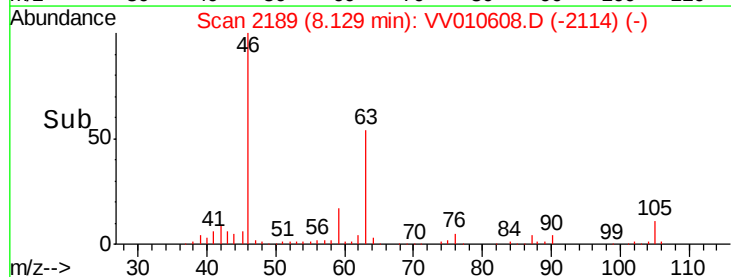
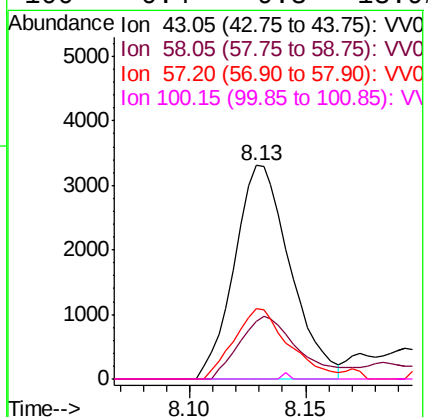
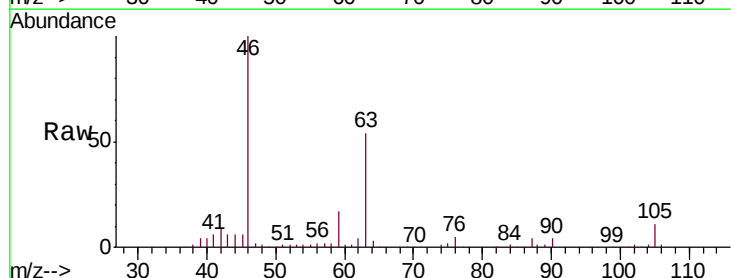
Instrument :
MSVOA_V
ClientSampleId :
C0X88

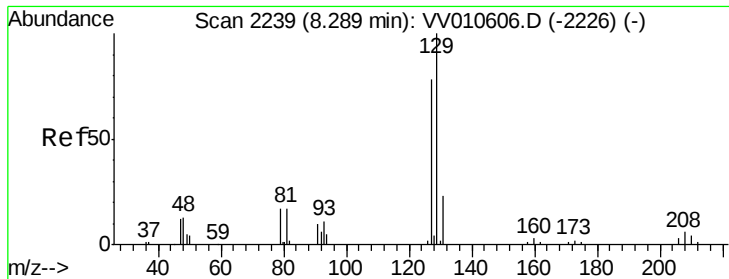
Tgt Ion:164 Resp: 1735
Ion Ratio Lower Upper
164 100
129 98.7 69.9 129.7
131 99.2 65.6 121.8
166 119.7 88.9 165.1



#48
2-Hexanone
Concen: 2.719 ug/L
RT: 8.13 min Scan# 2189
Delta R.T. -0.06 min
Lab File: VV010608.D
Acq: 01 May 2019 16:55

Tgt Ion: 43 Resp: 5534
Ion Ratio Lower Upper
43 100
58 31.4 42.9 64.3#
57 32.4 13.9 20.9#
100 0.4 9.3 13.9#





#49

Dibromochloromethane

Concen: 0.428 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV010608.D

Acq: 01 May 2019 16:55

Instrument :

MSVOA_V

ClientSampleId :

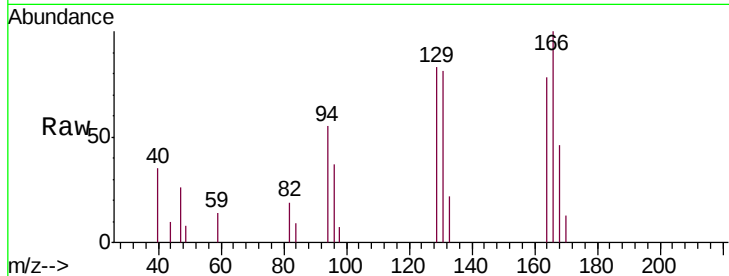
C0X88

Tgt Ion: 129 Resp: 1832

Ion Ratio Lower Upper

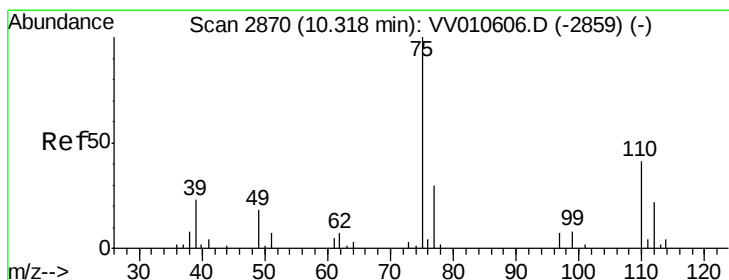
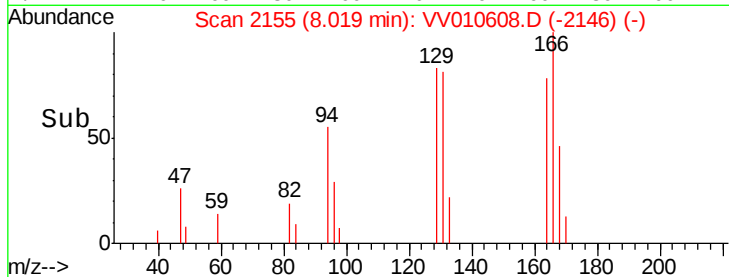
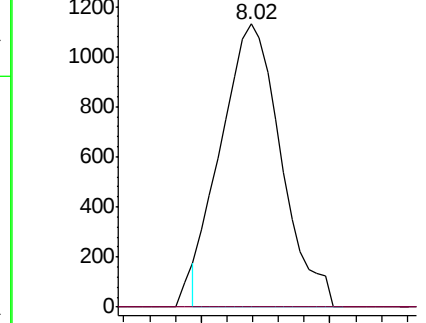
129 100

127 0.0 53.7 99.7#



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: 0.130 ug/L

RT: 10.05 min Scan# 2788

Delta R.T. -0.26 min

Lab File: VV010608.D

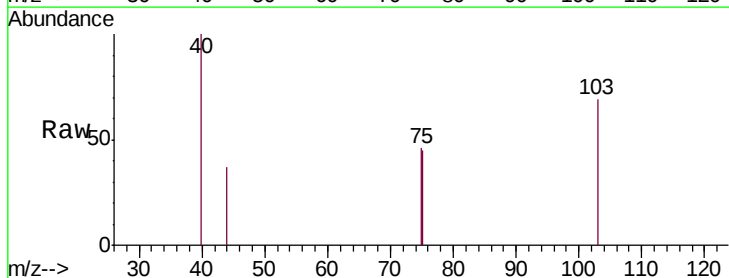
Acq: 01 May 2019 16:55

Tgt Ion: 75 Resp: 383

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

