

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081718\
 Data File : VV007055.D
 Acq On : 17 Aug 2018 15:29
 Operator : SY/MD
 Sample : J4488-02
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 03:38:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 18 03:36:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	213160	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	208995	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79244	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76259	5.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.80%
7) Chloroethane-d5	1.58	69	68326	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.00%
11) 1,1-Dichloroethene-d2	2.14	63	1866284	72.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	1445.40%#
20) 2-Butanone-d5	3.97	46	207955	52.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.10%
24) Chloroform-d	4.41	84	158128	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.40%
26) 1,2-Dichloroethane-d4	5.09	65	81798	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	5.10	84	316287	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.80%
36) 1,2-Dichloropropane-d6	6.12	67	104092	5.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.40%
41) Toluene-d8	7.37	98	226474	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.67	79	31232	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.15	63	89481	34.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	72179	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	80093	5.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.77	101	6051	0.230	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	9171	0.582	ug/L #	31
12) 1,1-Dichloroethene	2.14	96	3517002	229.768	ug/L #	68
13) Acetone	2.21	43	10618	5.211	ug/L	100
15) Methyl Acetate	2.47	43	2759	0.481	ug/L #	77
19) 1,1-Dichloroethane	3.23	63	417345	14.104	ug/L	100
25) Chloroform	4.44	83	7815	0.241	ug/L	88
27) 1,2-Dichloroethane	5.19	62	6551	0.324	ug/L	98
29) 1,1,1-Trichloroethane	4.67	97	12981379	465.827	ug/L	98
31) Carbon tetrachloride	4.66	117	1821198	77.927	ug/L	99
34) Trichloroethene	5.96	95	49588	2.856	ug/L	94
35) Methylcyclohexane	6.12	83	23931	0.859	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	10458	0.528	ug/L #	89
47) Tetrachloroethene	8.02	164	5279	0.375	ug/L	94
48) 2-Hexanone	8.20	43	21798	2.887	ug/L #	76
49) Dibromochloromethane	8.02	129	4628	0.342	ug/L #	11

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 18 03:36:46 2018
Response via : Initial Calibration

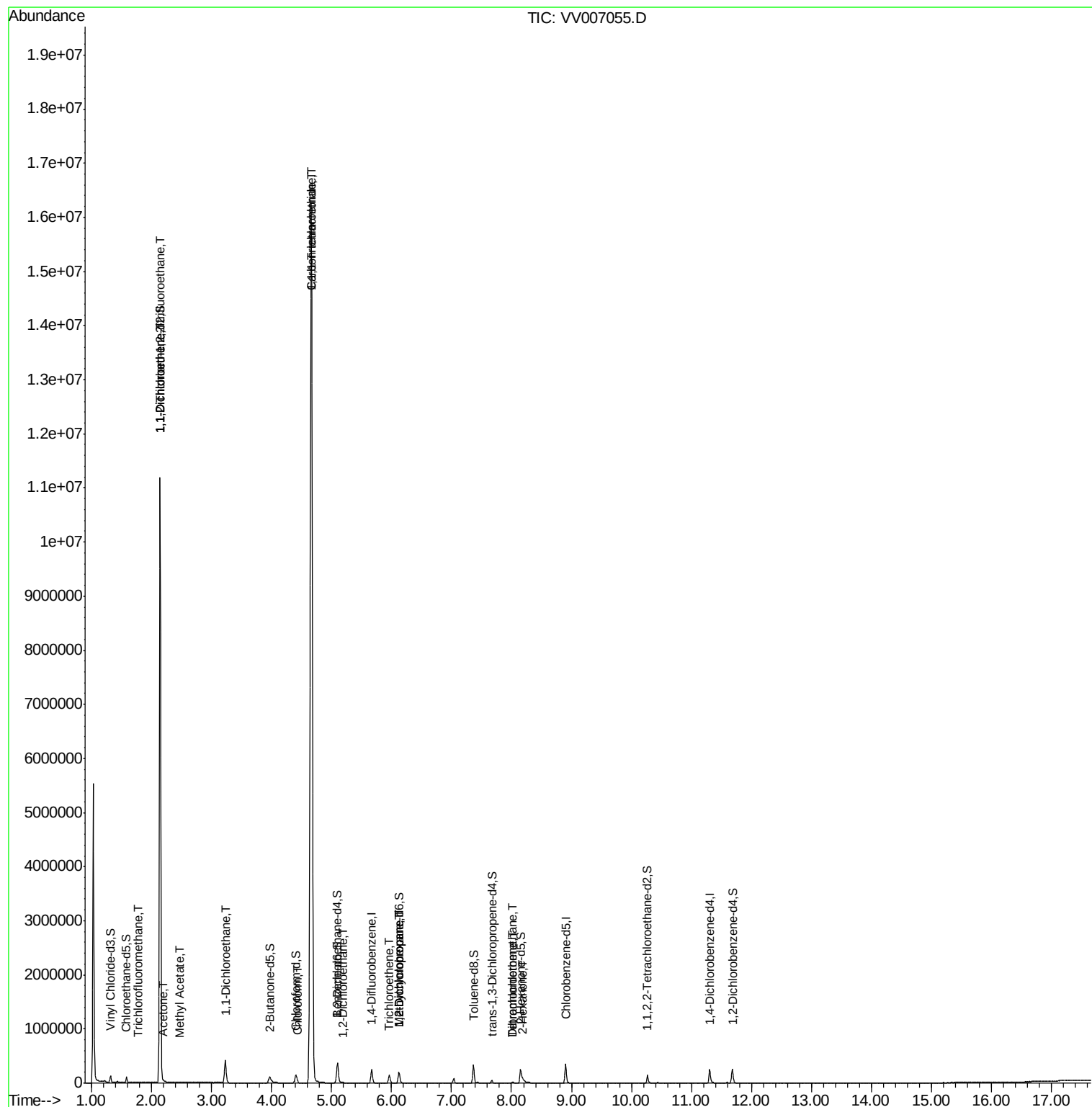
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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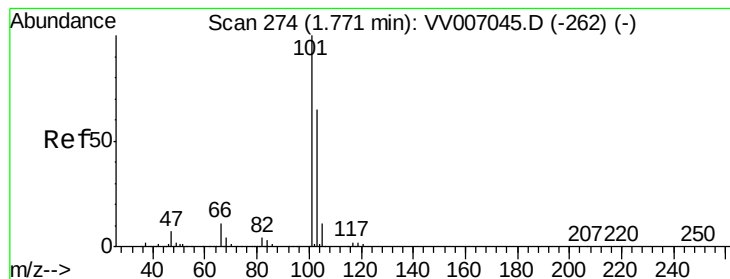
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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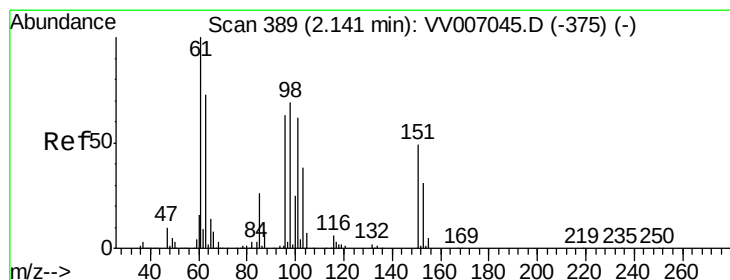
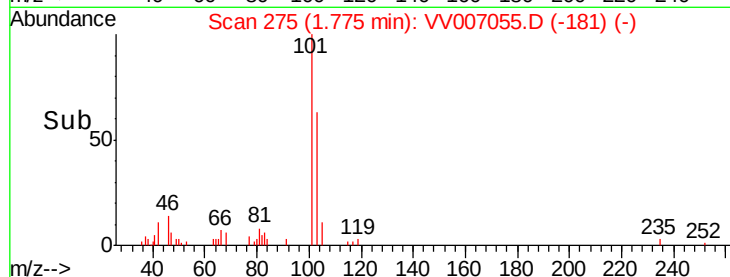
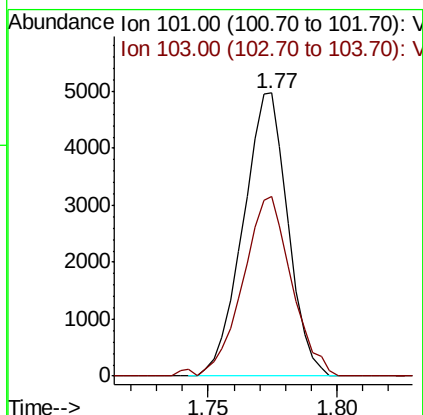
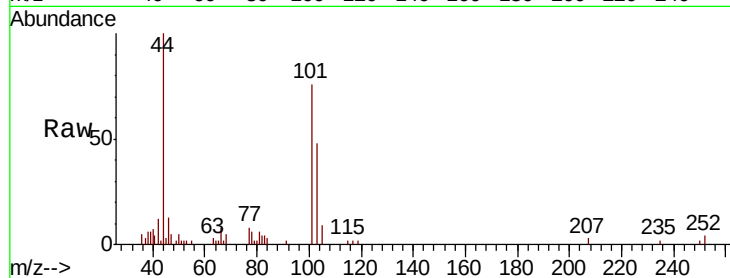


#9

Trichlorofluoromethane
Concen: 0.230 ug/L
RT: 1.77 min Scan# 275
Delta R.T. 0.00 min
Lab File: VV007055.D
Acq: 17 Aug 2018 15:29

Instrument :
MSVOA_V
ClientSampled :

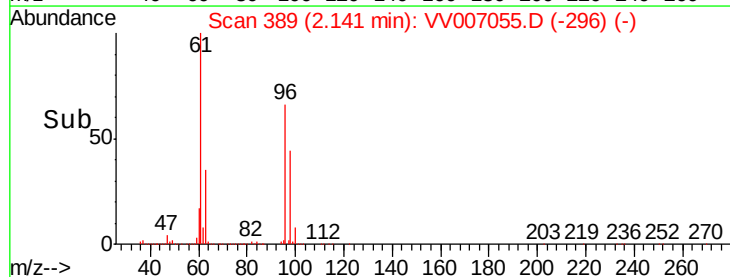
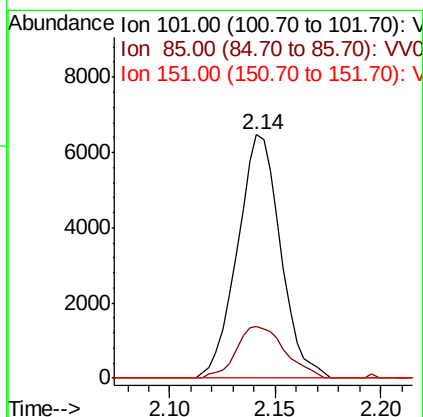
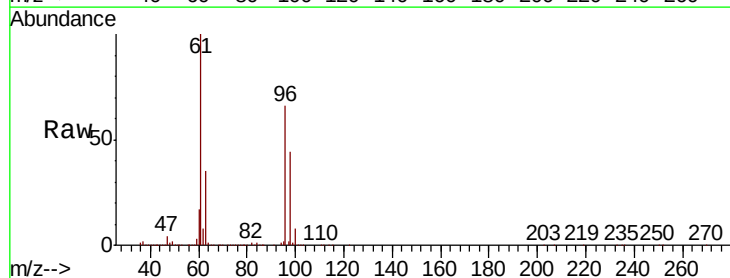
Tot Ion:101 Resp: 6051
Ion Ratio Lower Upper
101 100
103 68.3 52.7 79.1

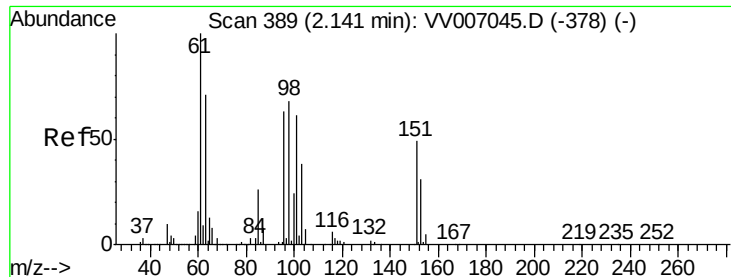


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.582 ug/L
RT: 2.14 min Scan# 389
Delta R.T. -0.00 min
Lab File: VV007055.D
Acq: 17 Aug 2018 15:29

Tgt Ion:101 Resp: 9171
Ion Ratio Lower Upper
101 100
85 23.9 33.9 50.9#
151 0.0 64.1 96.1#





#12

1,1-Dichloroethene

Concen: 229.768 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV007055.D

Acq: 17 Aug 2018 15:29

Instrument :
MSVOA_V
ClientSampled :

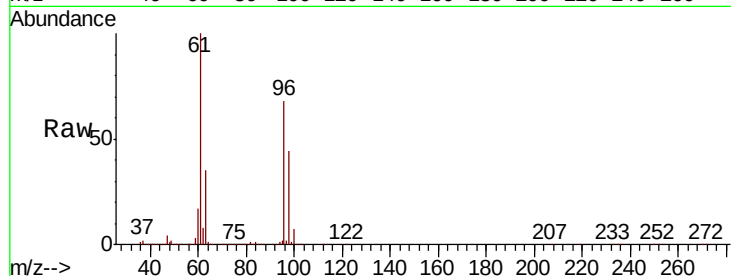
Tot Ion: 96 Resp: 3517002

Ion Ratio Lower Upper

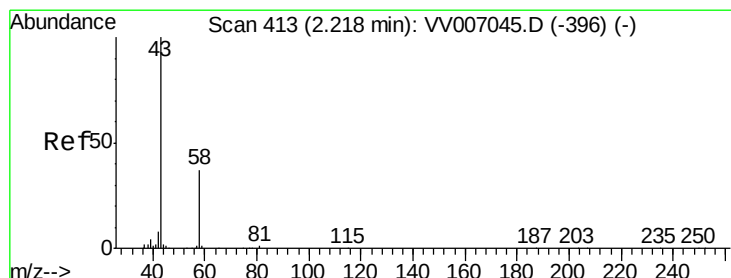
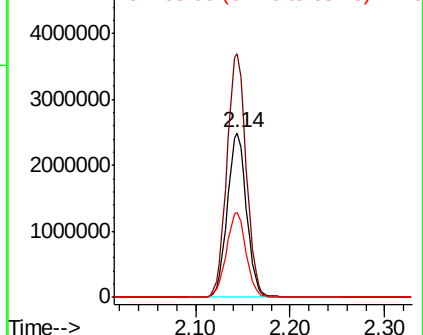
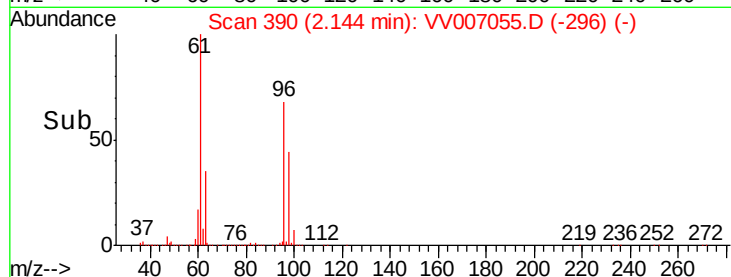
96 100

61 148.1 111.6 207.4

63 51.4 84.9 157.7#



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 5.211 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.01 min

Lab File: VV007055.D

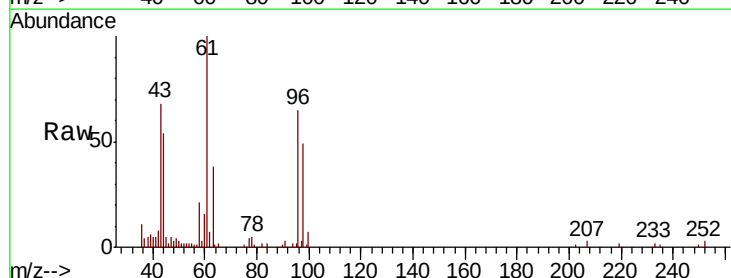
Acq: 17 Aug 2018 15:29

Tgt Ion: 43 Resp: 10618

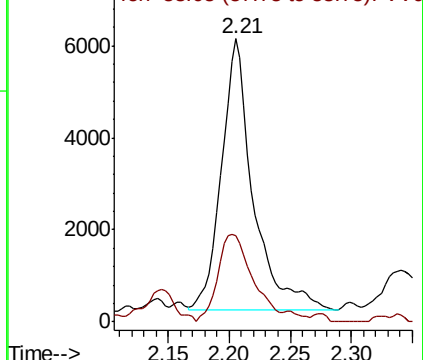
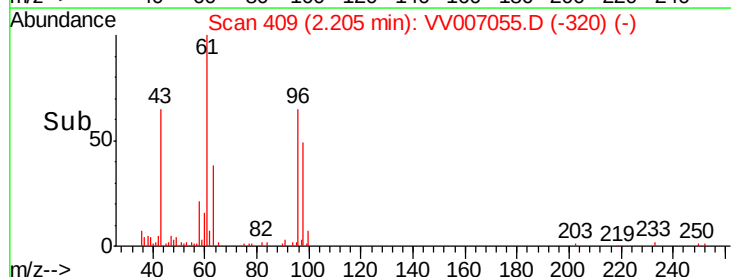
Ion Ratio Lower Upper

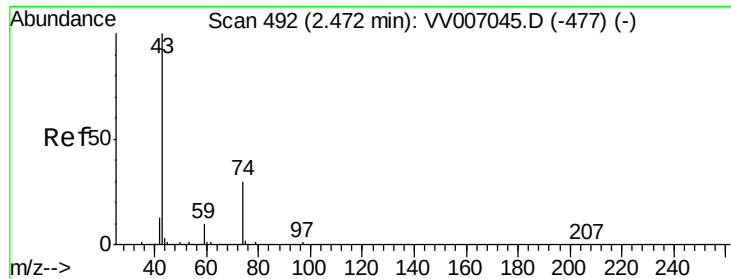
43 100

58 35.9 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0

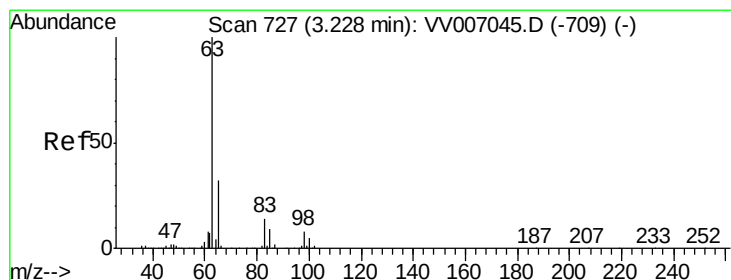
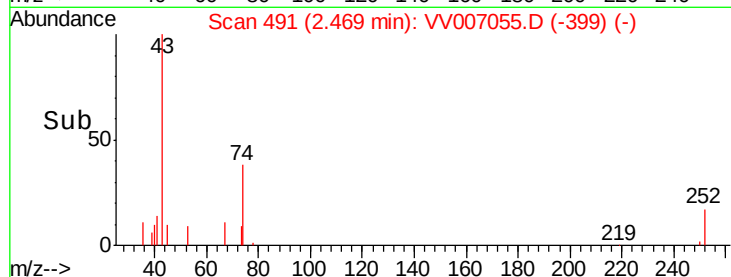
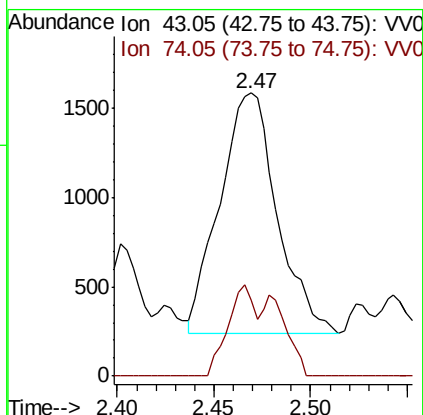
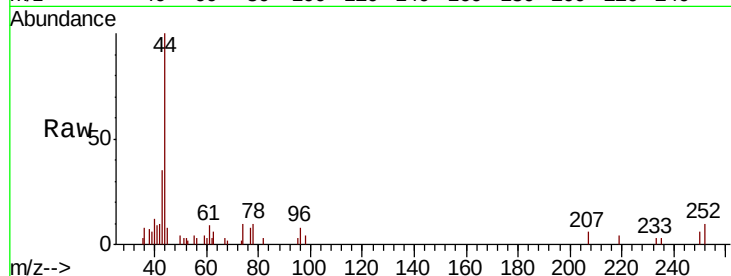




#15
Methyl Acetate
Concen: 0.481 ug/L
RT: 2.47 min Scan# 491
Delta R.T. -0.00 min
Lab File: VV007055.D
Acq: 17 Aug 2018 15:29

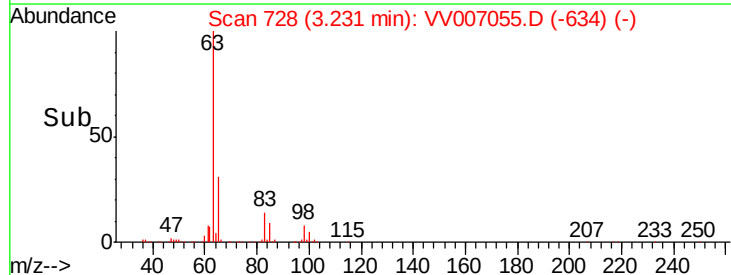
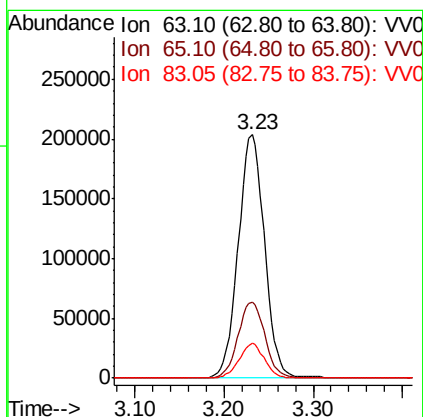
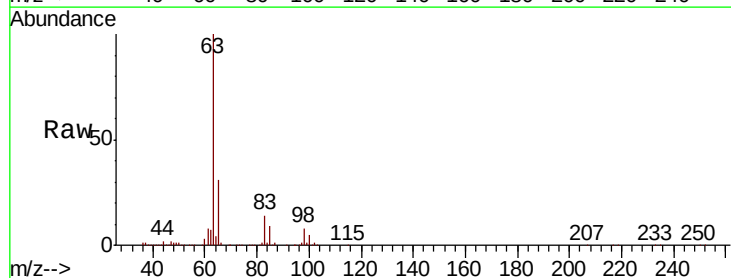
Instrument :
MSVOA_V
ClientSampleId :

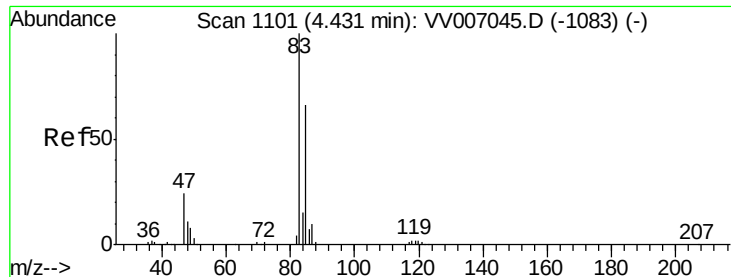
Tot Ion: 43 Resp: 2759
Ion Ratio Lower Upper
43 100
74 18.1 24.6 37.0#



#19
1,1-Dichloroethane
Concen: 14.104 ug/L
RT: 3.23 min Scan# 728
Delta R.T. 0.00 min
Lab File: VV007055.D
Acq: 17 Aug 2018 15:29

Tgt Ion: 63 Resp: 417345
Ion Ratio Lower Upper
63 100
65 31.1 21.7 40.3
83 14.1 10.0 18.6

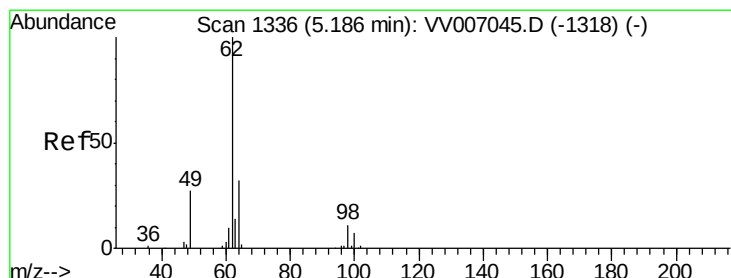
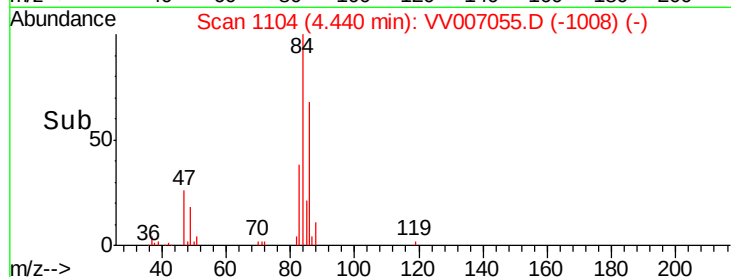
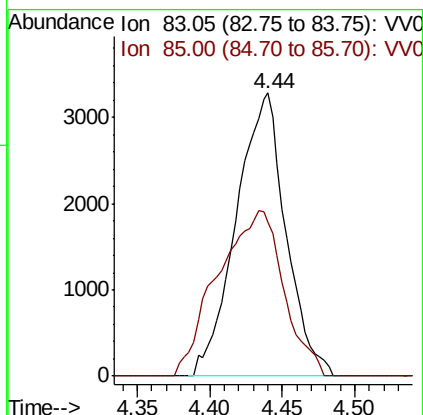
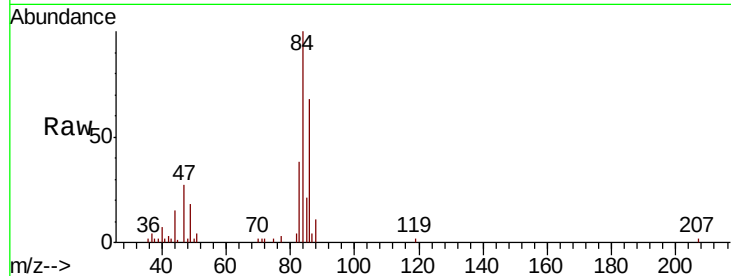




#25
Chloroform
Concen: 0.241 ug/L
RT: 4.44 min Scan# 1104
Delta R.T. 0.01 min
Lab File: VV007055.D
Acq: 17 Aug 2018 15:29

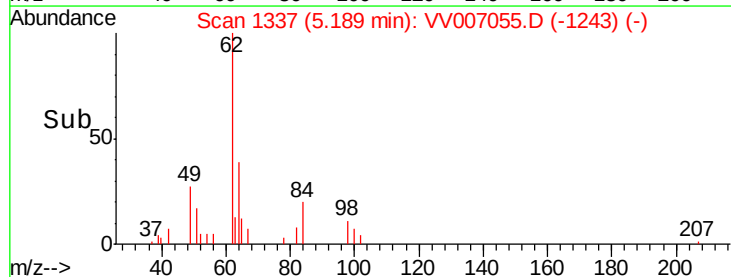
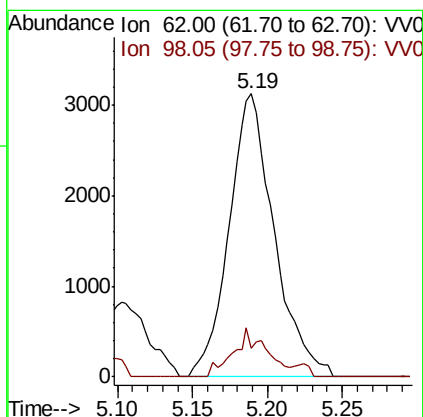
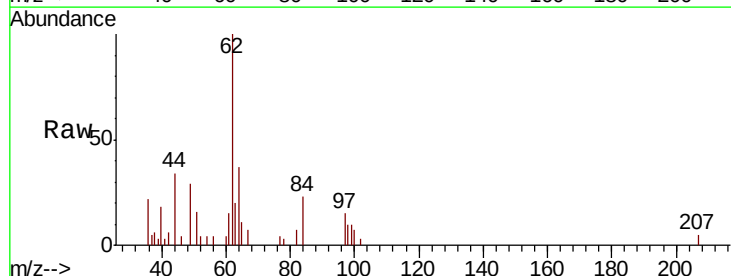
Instrument :
MSVOA_V
ClientSampleId :

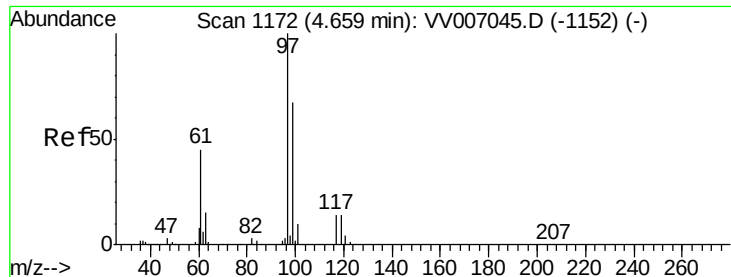
Tot Ion: 83 Resp: 7815
Ion Ratio Lower Upper
83 100
85 54.6 44.7 82.9



#27
1,2-Dichloroethane
Concen: 0.324 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VV007055.D
Acq: 17 Aug 2018 15:29

Tgt Ion: 62 Resp: 6551
Ion Ratio Lower Upper
62 100
98 10.3 7.6 11.4



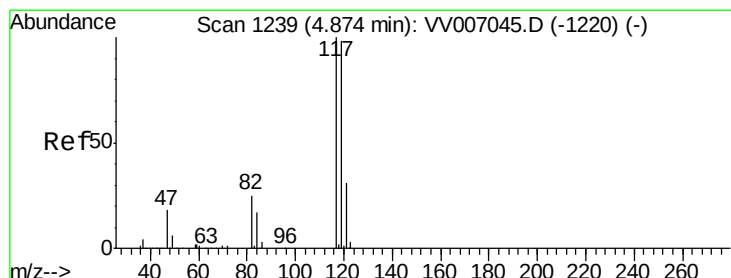
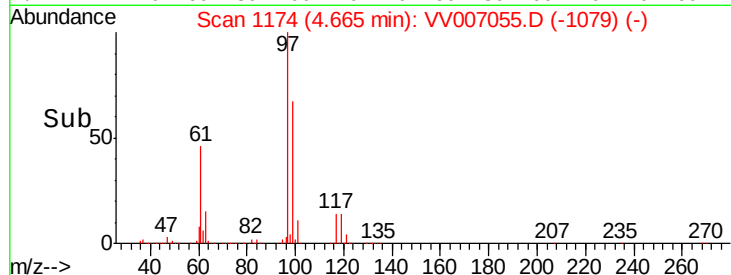
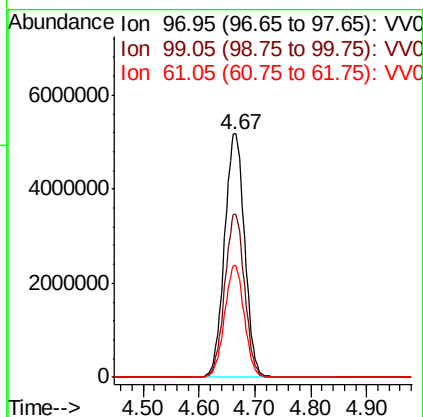
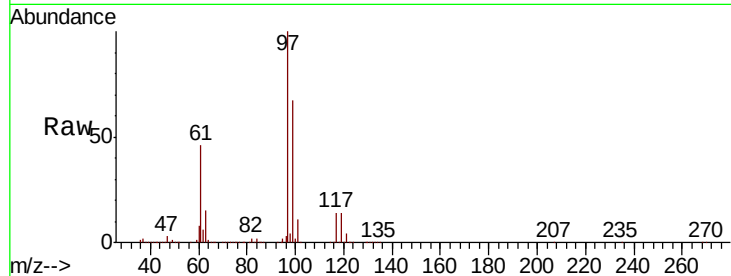


#29
 1,1,1-Trichloroethane
 Concen: 465.827 ug/L
 RT: 4.67 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: VV007055.D
 Acq: 17 Aug 2018 15:29

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 97 Resp:12981379

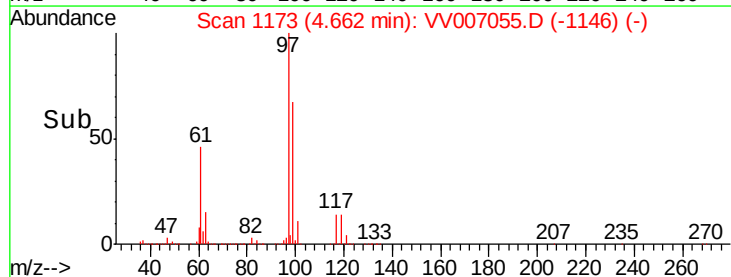
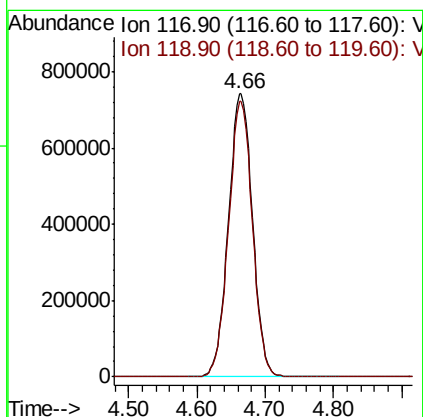
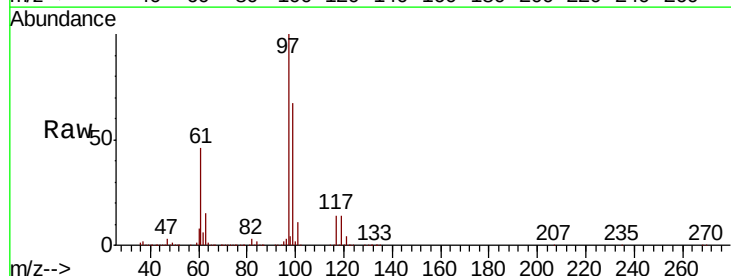
Ion	Ratio	Lower	Upper
97	100		
99	66.1	51.0	76.6
61	45.0	36.6	54.8

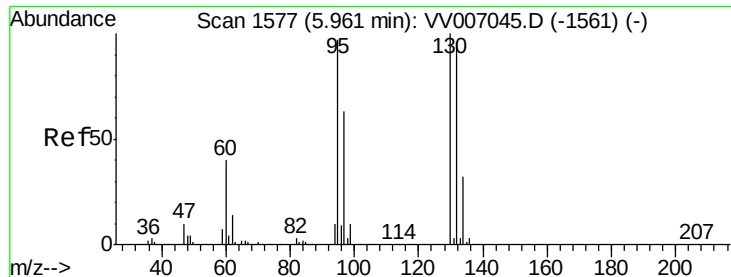


#31
 Carbon tetrachloride
 Concen: 77.927 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.21 min
 Lab File: VV007055.D
 Acq: 17 Aug 2018 15:29

Tgt Ion:117 Resp: 1821198

Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.2	114.4





#34

Trichloroethene

Concen: 2.856 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV007055.D

Acq: 17 Aug 2018 15:29

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 49588

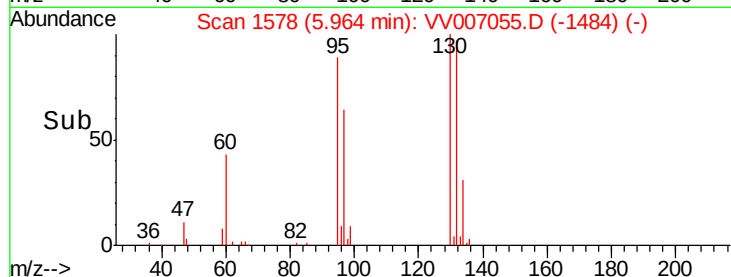
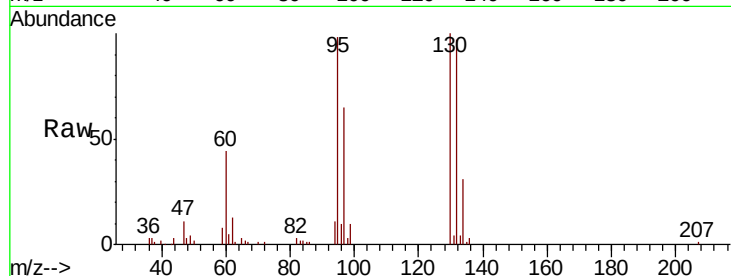
Ion Ratio Lower Upper

95 100

97 66.2 44.8 83.2

132 99.8 65.5 121.6

130 102.5 66.4 123.4

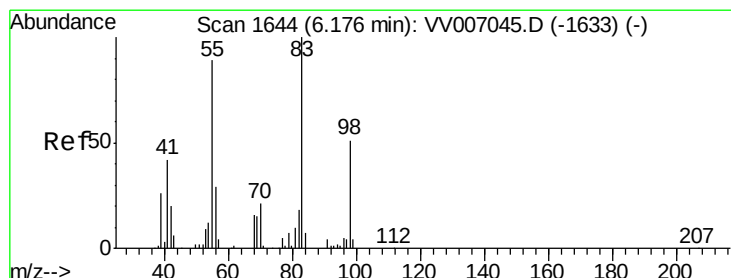
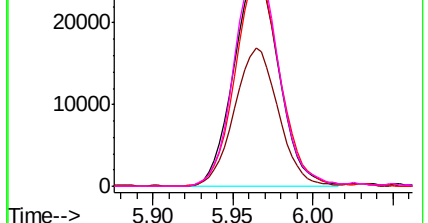


Abundance Ion 95.00 (94.70 to 95.70): VV007045.D (-1561) (-)

Ion 96.95 (96.65 to 97.65): VV007045.D (-1561) (-)

Ion 131.95 (131.65 to 132.65): VV007045.D (-1561) (-)

Ion 129.95 (129.65 to 130.65): VV007045.D (-1561) (-)



#35

Methylcyclohexane

Concen: 0.859 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV007055.D

Acq: 17 Aug 2018 15:29

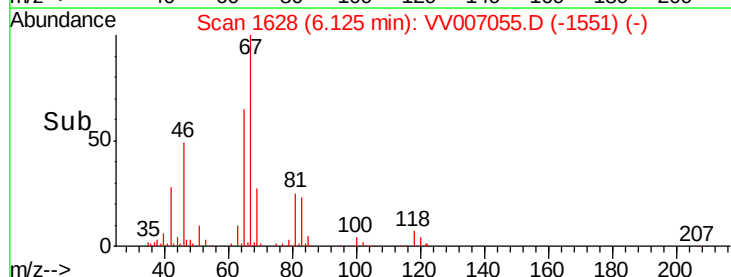
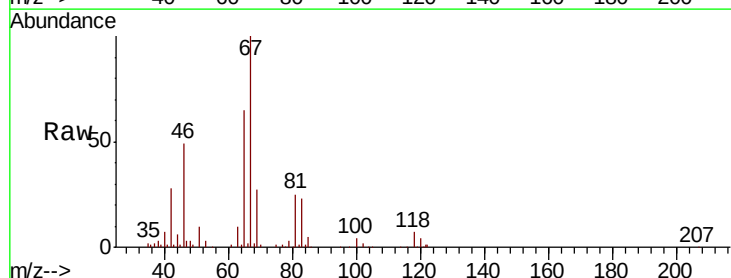
Tgt Ion: 83 Resp: 23931

Ion Ratio Lower Upper

83 100

55 0.6 68.1 102.1#

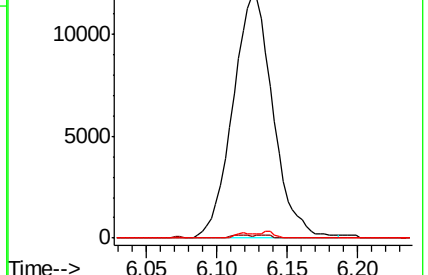
98 0.9 37.9 56.9#

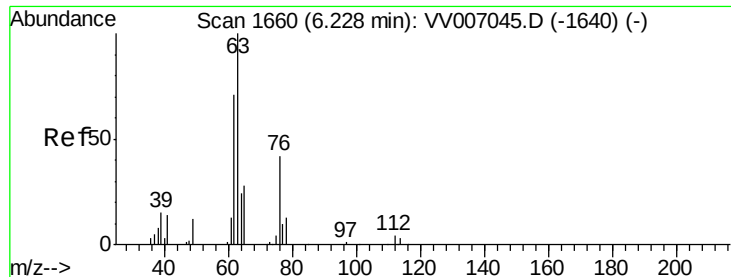


Abundance Ion 83.15 (82.85 to 83.85): VV007045.D (-1633) (-)

Ion 55.10 (54.80 to 55.80): VV007045.D (-1633) (-)

Ion 98.15 (97.85 to 98.85): VV007045.D (-1633) (-)





#37

1,2-Dichloropropane

Concen: 0.528 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV007055.D

Acq: 17 Aug 2018 15:29

Instrument :

MSVOA_V

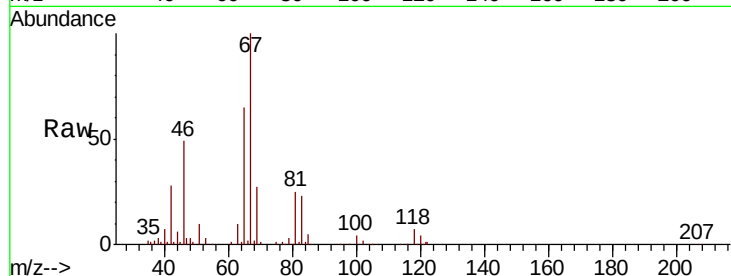
ClientSampled :

Tot Ion: 63 Resp: 10458

Ion Ratio Lower Upper

63 100

112 0.9 3.5 5.3#

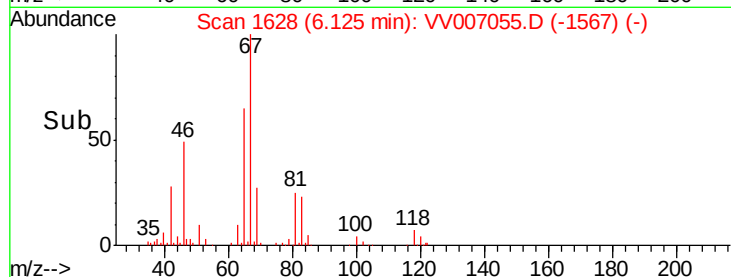


Abundance Ion 63.10 (62.80 to 63.80): VV007045.D (-1640) (-)

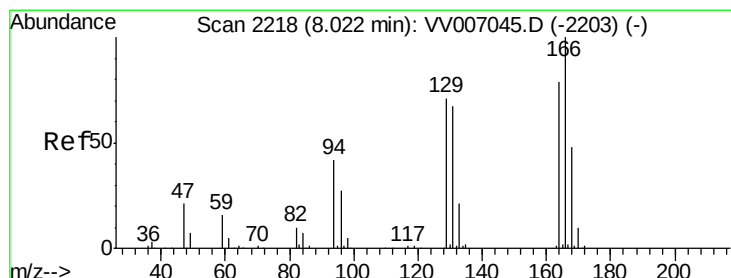
Ion 112.10 (111.80 to 112.80): VV007045.D (-1640) (-)

6.12

Time-->



Time-->



#47

Tetrachloroethene

Concen: 0.375 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV007055.D

Acq: 17 Aug 2018 15:29

Tgt Ion: 164 Resp: 5279

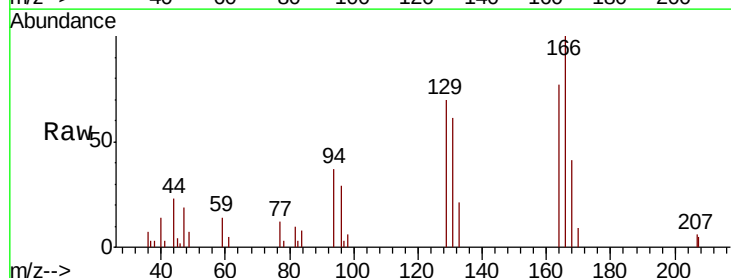
Ion Ratio Lower Upper

164 100

129 90.3 65.9 122.3

131 79.4 64.2 119.2

166 129.2 89.4 166.0



Abundance Ion 163.90 (163.60 to 164.60): VV007045.D (-2203) (-)

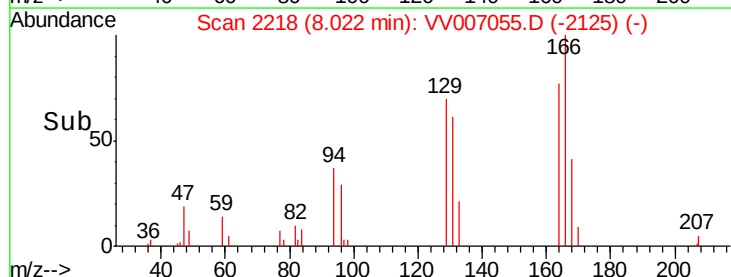
Ion 128.95 (128.65 to 129.65): VV007045.D (-2203) (-)

Ion 130.95 (130.65 to 131.65): VV007045.D (-2203) (-)

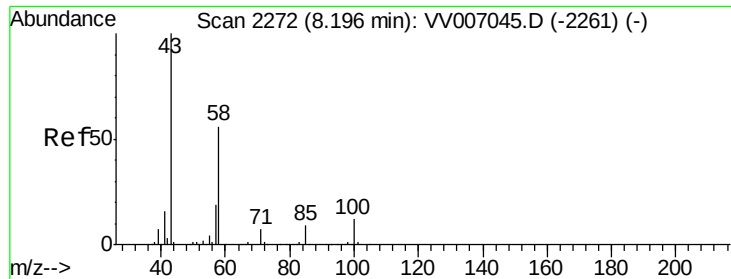
Ion 165.90 (165.60 to 166.60): VV007045.D (-2203) (-)

8.02

Time-->



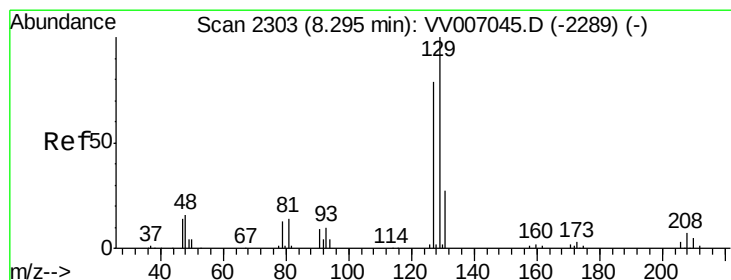
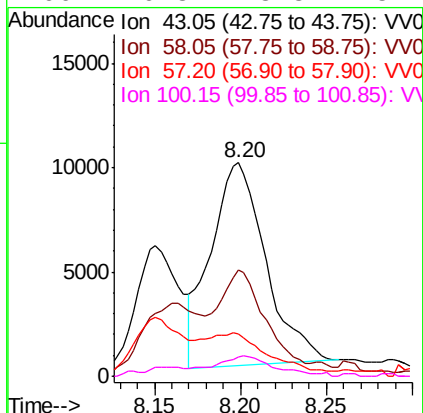
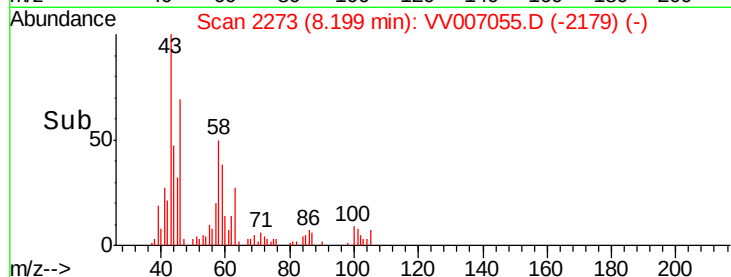
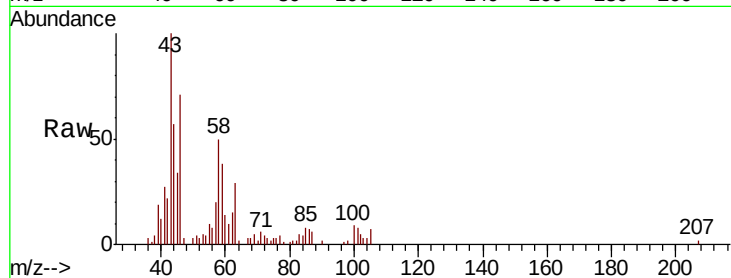
Time-->



#48
2-Hexanone
Concen: 2.887 ug/L
RT: 8.20 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV007055.D
Acq: 17 Aug 2018 15:29

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 21798
Ion Ratio Lower Upper
43 100
58 38.9 44.2 66.2#
57 0.0 14.8 22.2#
100 10.8 8.8 13.2



#49
Dibromochloromethane
Concen: 0.342 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.27 min
Lab File: VV007055.D
Acq: 17 Aug 2018 15:29

Tgt Ion: 129 Resp: 4628
Ion Ratio Lower Upper
129 100
127 0.0 53.3 98.9#

