

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101818\
 Data File : VV008343.D
 Acq On : 18 Oct 2018 15:03
 Operator : SY/MD
 Sample : J5407-06
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 05:28:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 05:24:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	130726	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	116140	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48841	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.58	65	407	0.06	ug/L	0.26
Spiked Amount	5.000	Range	40 - 130	Recovery	=	1.20%#
7) Chloroethane-d5	1.59	69	21537	3.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.80%
11) 1,1-Dichloroethene-d2	2.13	63	24372	1.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	34.40%#
20) 2-Butanone-d5	3.97	46	110626	44.65	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.30%
24) Chloroform-d	4.41	84	69998	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.09	65	35808	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
32) Benzene-d6	5.10	84	146411	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.12	67	50070	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.36	98	104743	3.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.80%#
43) trans-1,3-Dichloropropene-	7.77	79	20	0.00	ug/L	0.11
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.00%#
46) 2-Hexanone-d5	8.14	63	72746	44.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	28288	3.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	40328	4.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.00%

Target Compounds

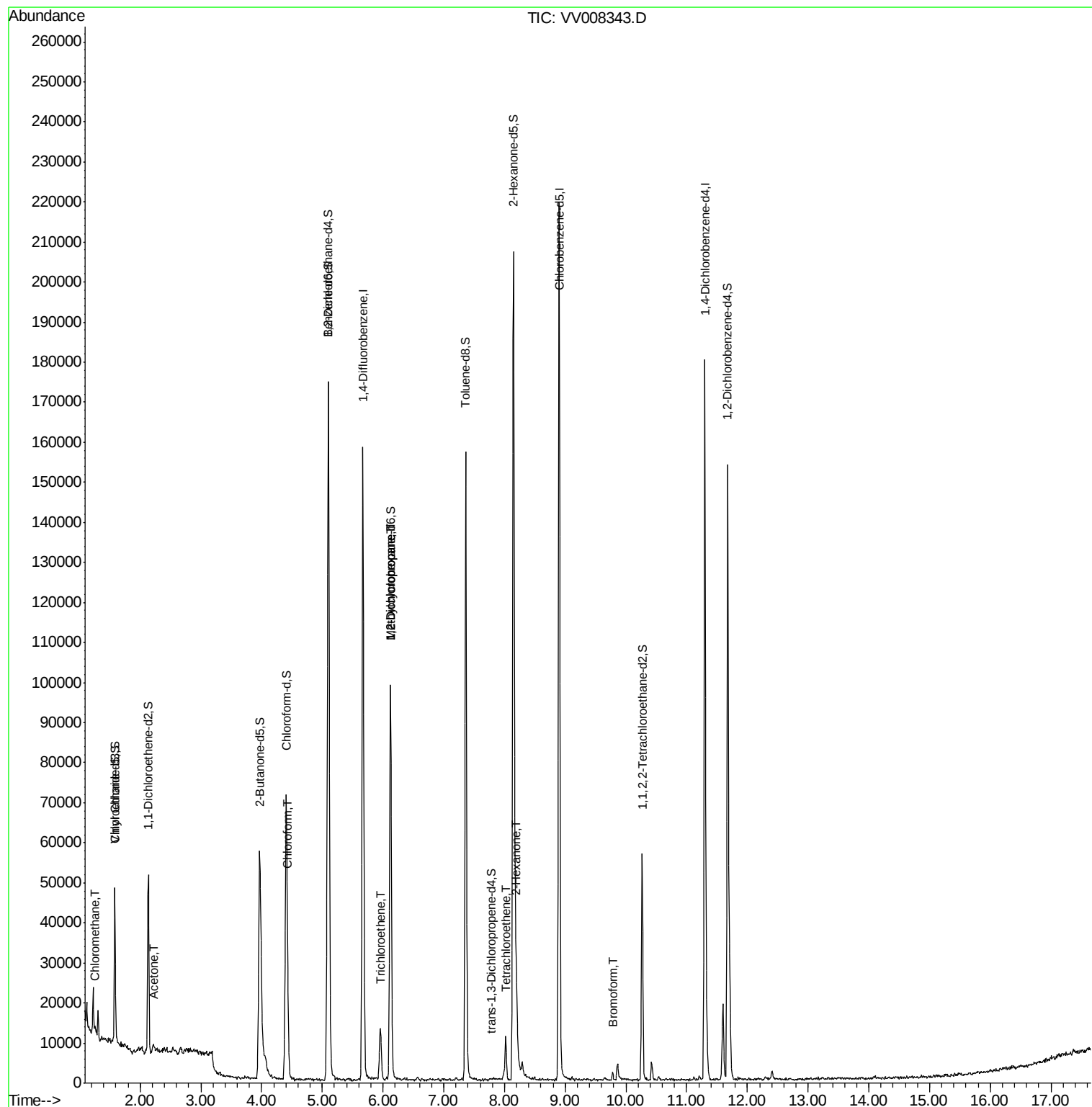
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	1101	0.107	ug/L #	79
13) Acetone	2.22	43	2858	2.132	ug/L	98
25) Chloroform	4.43	83	6843	0.400	ug/L	100
34) Trichloroethene	5.96	95	2937	0.271	ug/L	96
35) Methylcyclohexane	6.12	83	10829	0.592	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	5275	0.499	ug/L #	90
47) Tetrachloroethene	8.02	164	2118	0.312	ug/L	96
48) 2-Hexanone	8.20	43	15350	3.247	ug/L #	84
61) Bromoform	9.78	173	763	0.214	ug/L #	95

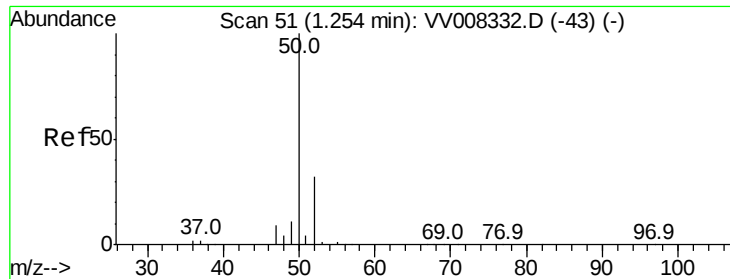
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.107 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV008343.D

Acq: 18 Oct 2018 15:03

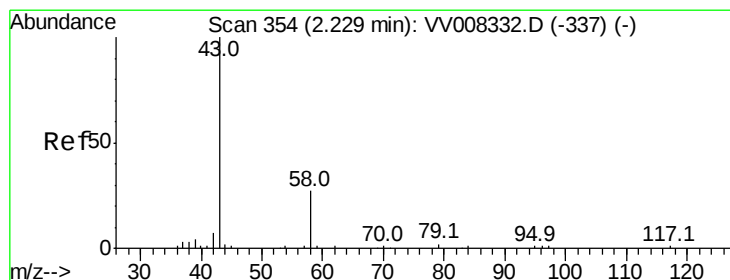
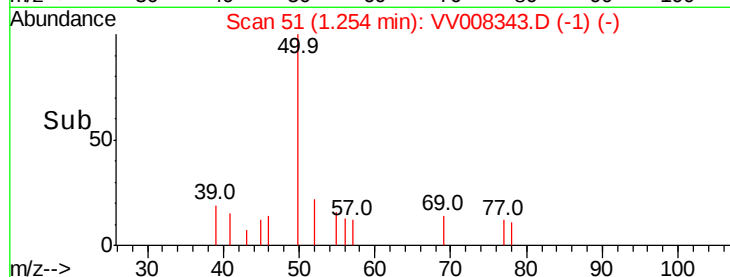
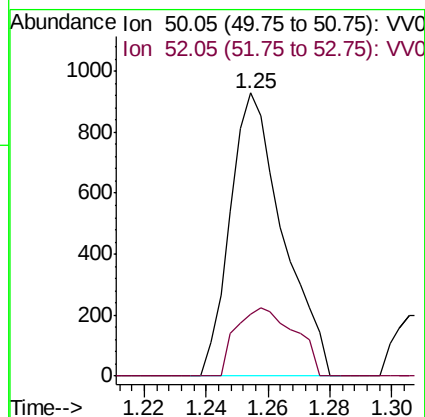
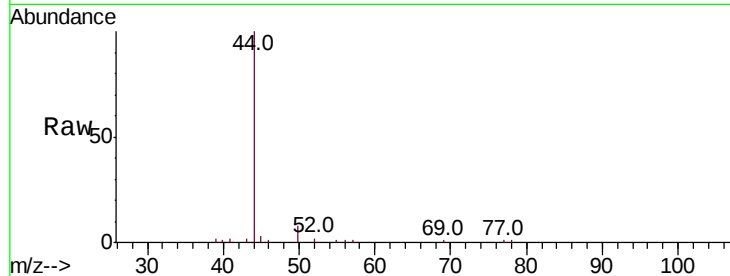
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 50 Resp: 1101

Ion Ratio Lower Upper

50 100

52 21.8 23.7 43.9#



#13

Acetone

Concen: 2.132 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.01 min

Lab File: VV008343.D

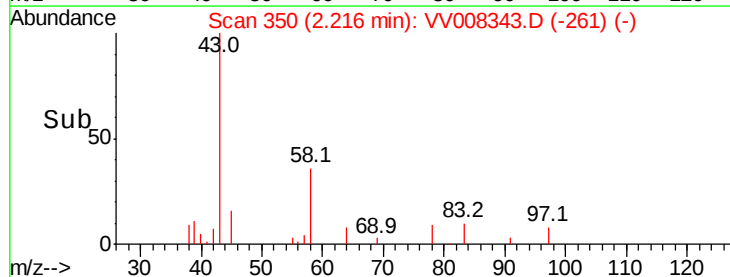
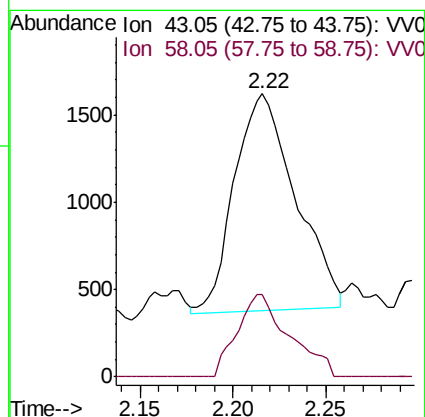
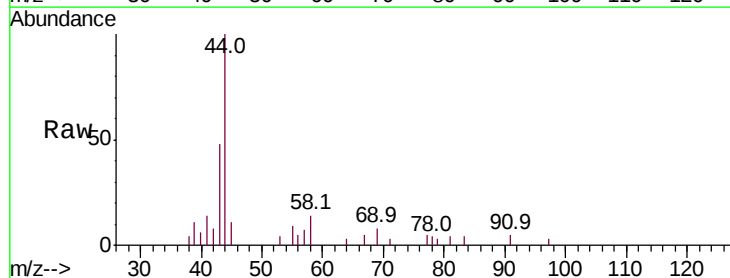
Acq: 18 Oct 2018 15:03

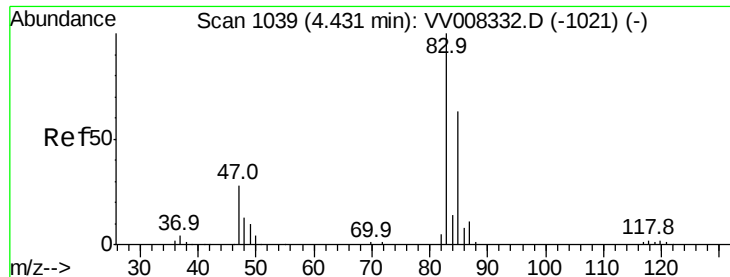
Tgt Ion: 43 Resp: 2858

Ion Ratio Lower Upper

43 100

58 32.2 0.0 62.0

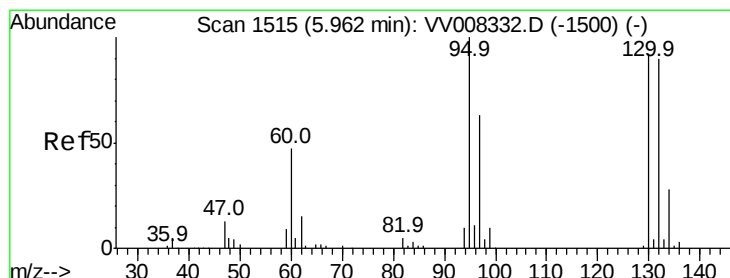
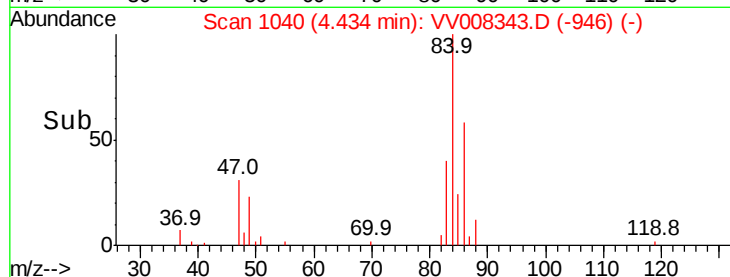
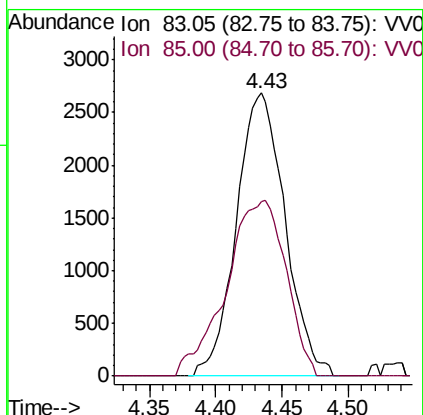
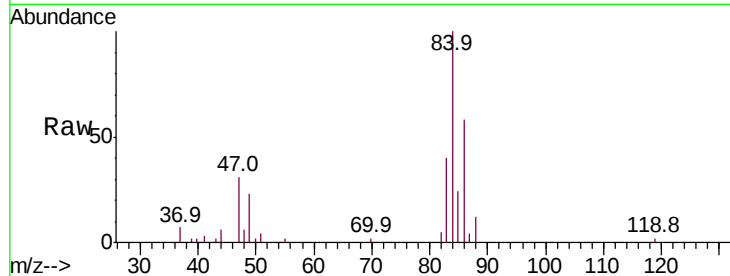




#25
Chloroform
Concen: 0.400 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV008343.D
Acq: 18 Oct 2018 15:03

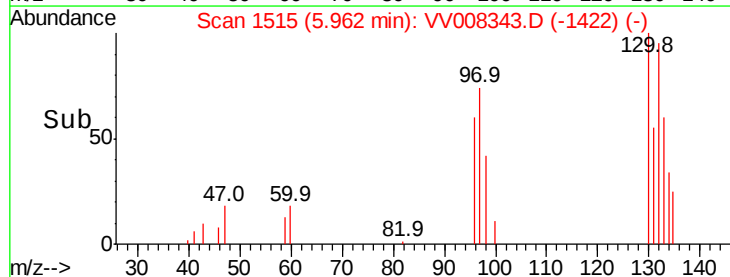
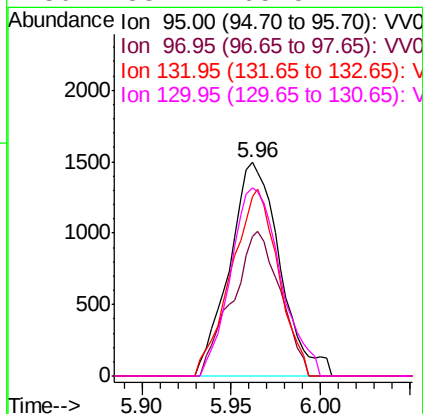
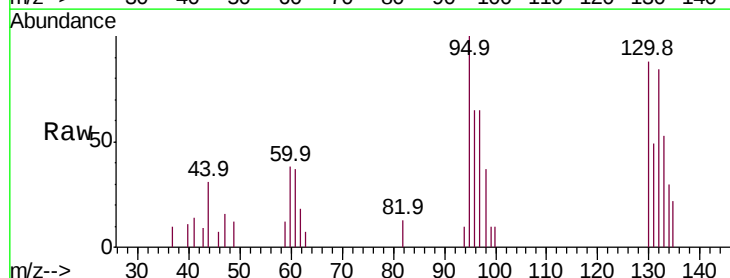
Instrument :
MSVOA_V
ClientSampled :

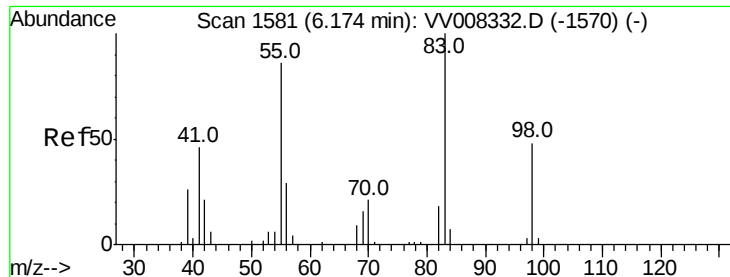
Tot Ion: 83 Resp: 6843
Ion Ratio Lower Upper
83 100
85 61.8 43.4 80.6



#34
Trichloroethene
Concen: 0.271 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV008343.D
Acq: 18 Oct 2018 15:03

Tgt Ion: 95 Resp: 2937
Ion Ratio Lower Upper
95 100
97 65.4 44.4 82.4
132 83.9 60.4 112.2
130 88.4 65.5 121.7





#35

Methvlcvclohexane

Concen: 0.592 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008343.D

Acq: 18 Oct 2018 15:03

Instrument :
MSVOA_V
ClientSampleId :

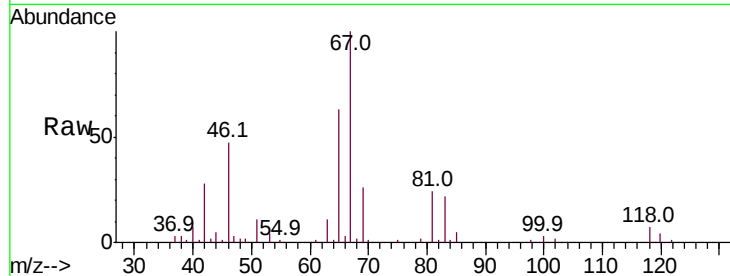
Tot Ion: 83 Resp: 10829

Ion Ratio Lower Upper

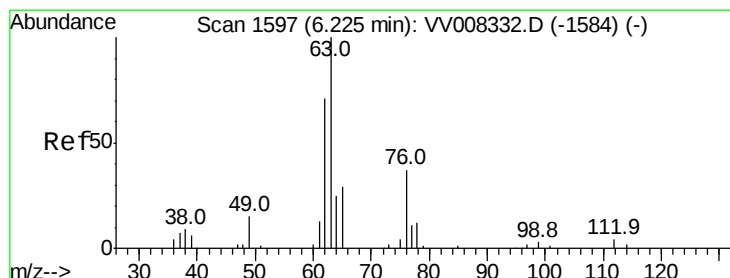
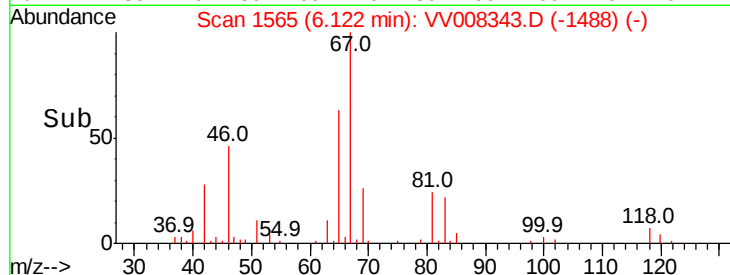
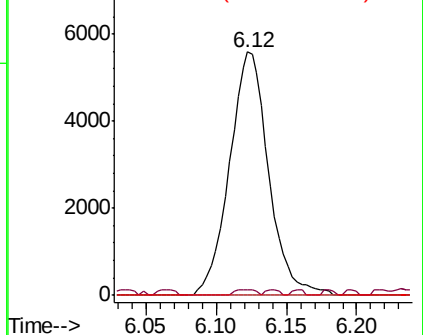
83 100

55 1.3 64.0 96.0#

98 0.0 37.0 55.4#



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: 0.499 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008343.D

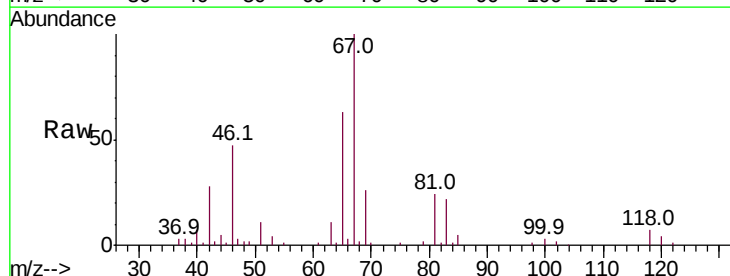
Acq: 18 Oct 2018 15:03

Tgt Ion: 63 Resp: 5275

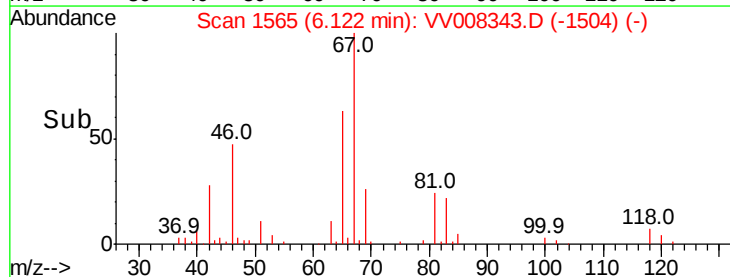
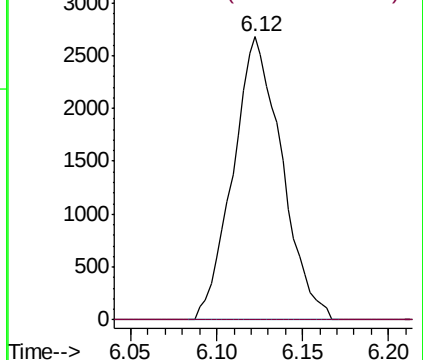
Ion Ratio Lower Upper

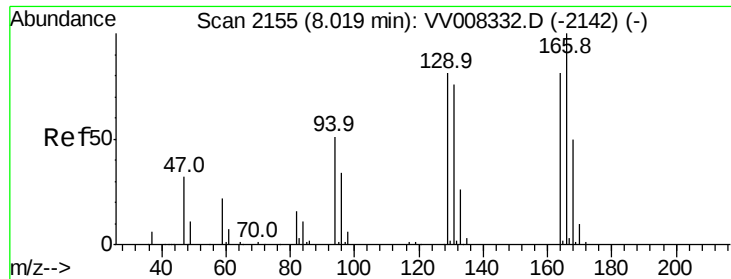
63 100

112 0.0 2.6 3.8#



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

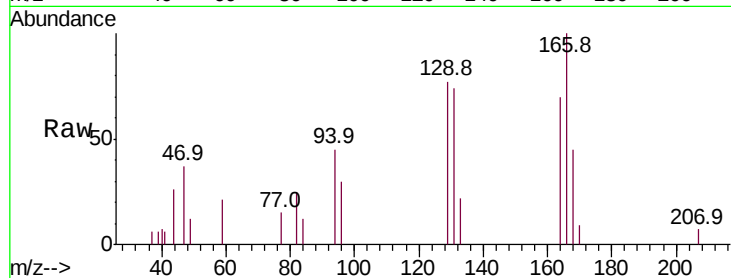




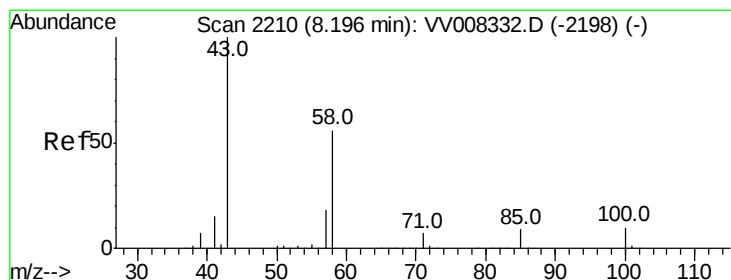
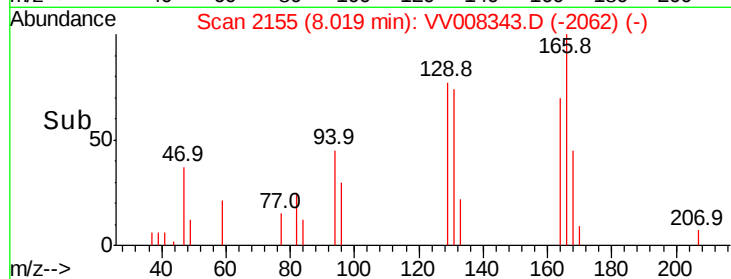
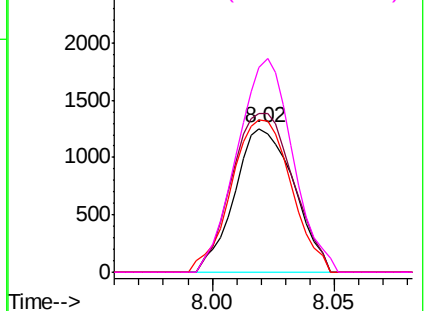
#47
Tetrachloroethene
Concen: 0.312 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV008343.D
Acq: 18 Oct 2018 15:03

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 2118
Ion Ratio Lower Upper
164 100
129 110.5 76.5 142.1
131 106.4 74.7 138.7
166 142.9 91.6 170.0

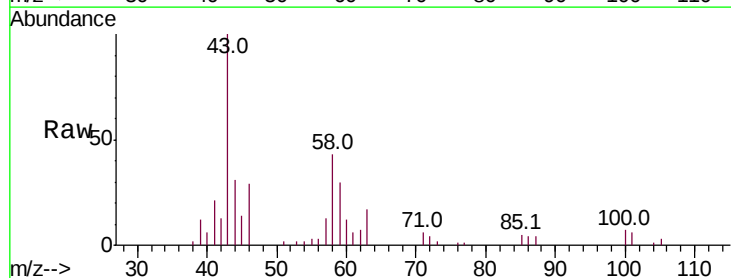


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

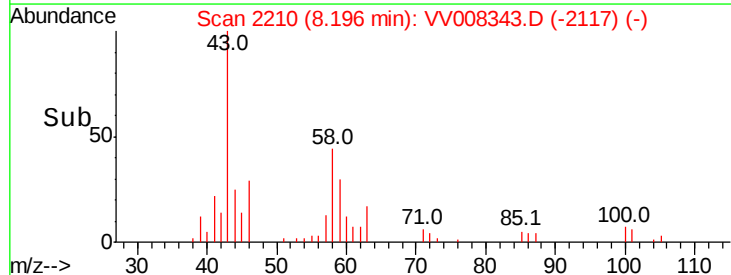
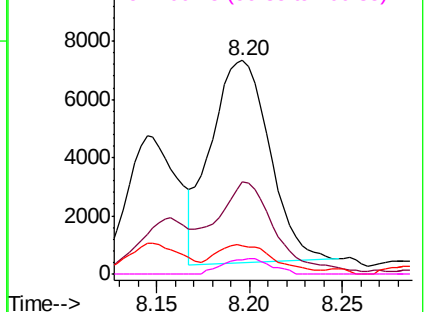


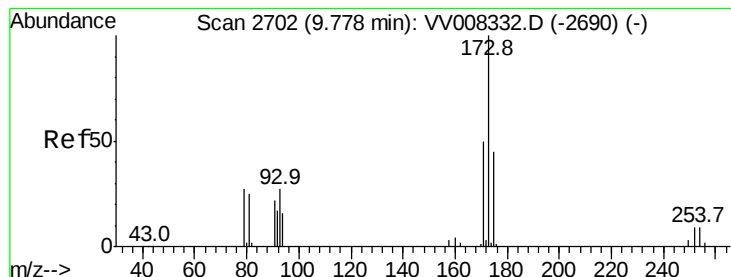
#48
2-Hexanone
Concen: 3.247 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VV008343.D
Acq: 18 Oct 2018 15:03

Tgt Ion: 43 Resp: 15350
Ion Ratio Lower Upper
43 100
58 41.6 45.0 67.4#
57 14.8 14.4 21.6
100 6.2 7.9 11.9#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0





#61

Bromoform

Concen: 0.214 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.00 min

Lab File: VV008343.D

Acq: 18 Oct 2018 15:03

Instrument :
MSVOA_V
ClientSampleId :

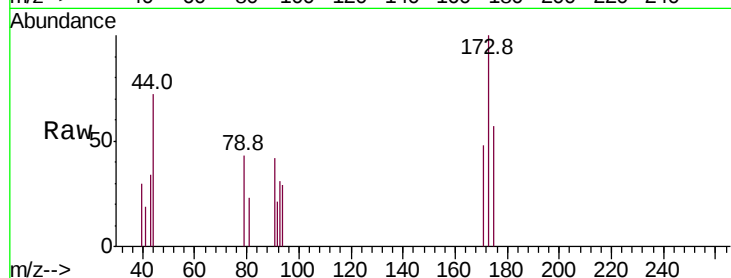
Tot Ion:173 Resp: 763

Ion Ratio Lower Upper

173 100

175 47.1 38.7 58.1

254 0.0 5.9 8.9#



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

