

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101818\
 Data File : VV008346.D
 Acq On : 18 Oct 2018 16:29
 Operator : SY/MD
 Sample : J5407-06RE
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 05:28:45 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	113518	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	101630	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42285	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123	0.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.40%#
7) Chloroethane-d5	1.58	69	19846	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.13	63	16219	1.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	26.40%#
20) 2-Butanone-d5	3.97	46	96459	44.83	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.66%
24) Chloroform-d	4.41	84	59141	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.09	65	30705	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
32) Benzene-d6	5.10	84	125347	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.12	67	42844	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.36	98	85238	3.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.00%#
43) trans-1,3-Dichloropropene-	0.00	79	0	0.00	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.00%#
46) 2-Hexanone-d5	8.14	63	62234	43.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.12%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	26082	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	34814	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

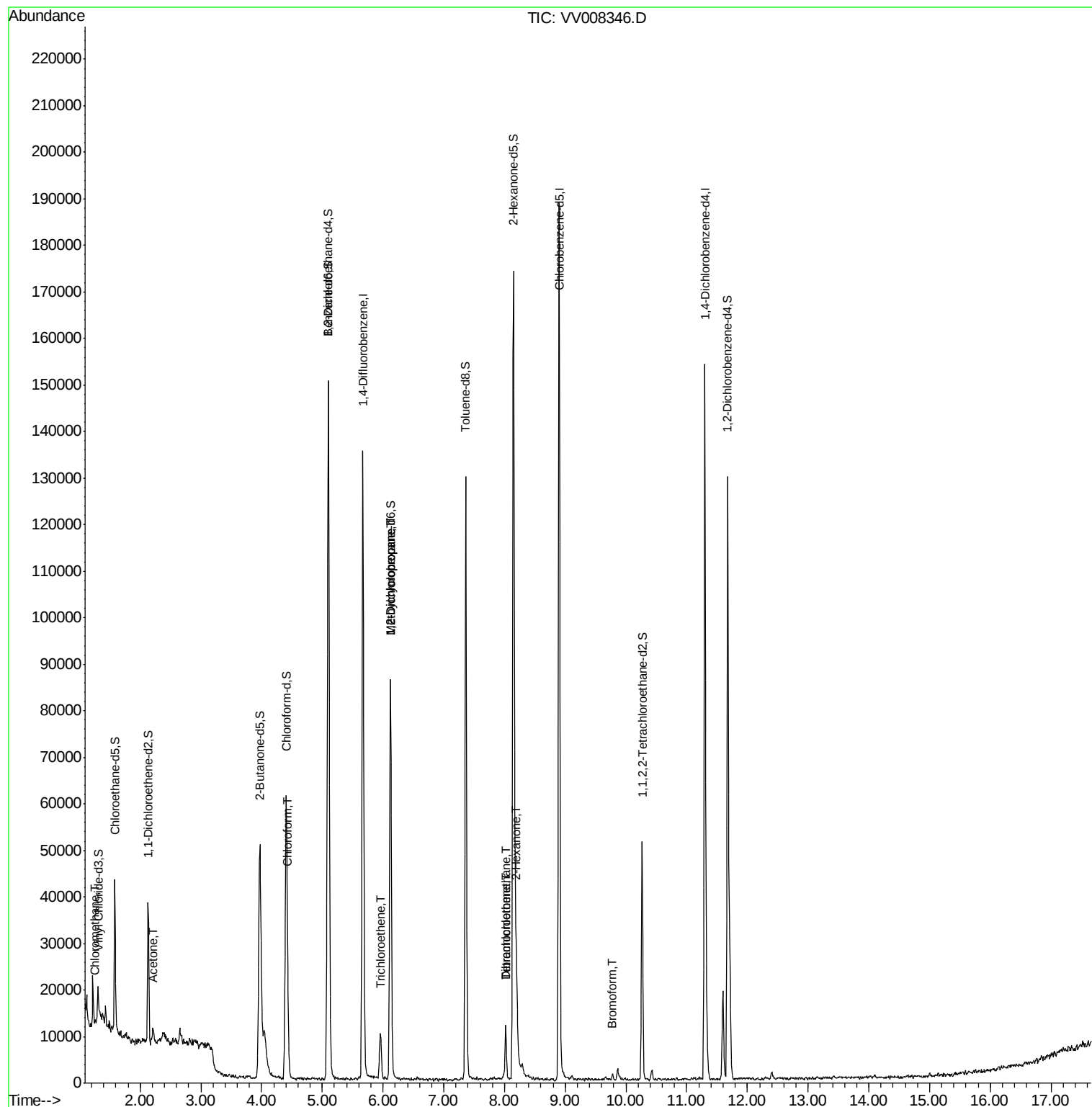
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	766	0.086	ug/L	99
13) Acetone	2.21	43	4192	3.601	ug/L	98
25) Chloroform	4.43	83	6426	0.433	ug/L	85
34) Trichloroethene	5.96	95	2317	0.244	ug/L	92
35) Methylcyclohexane	6.13	83	9671	0.604	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	4116	0.445	ug/L #	90
47) Tetrachloroethene	8.02	164	2369	0.398	ug/L	93
48) 2-Hexanone	8.20	43	16769	4.054	ug/L #	86
49) Dibromochloromethane	8.02	129	2454	0.375	ug/L #	10
61) Bromoform	9.78	173	624	0.202	ug/L #	75

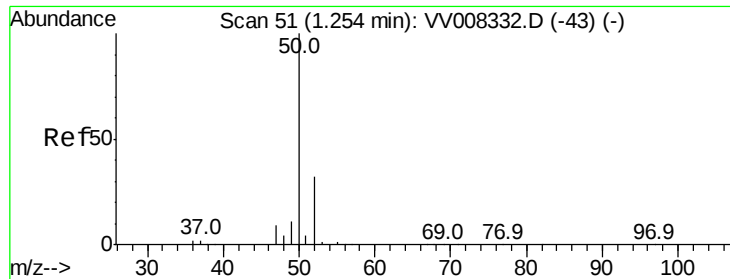
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.086 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV008346.D

Acq: 18 Oct 2018 16:29

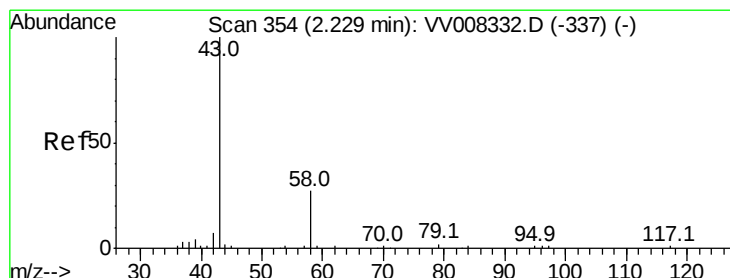
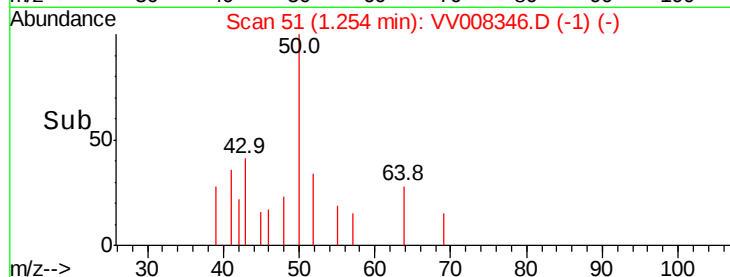
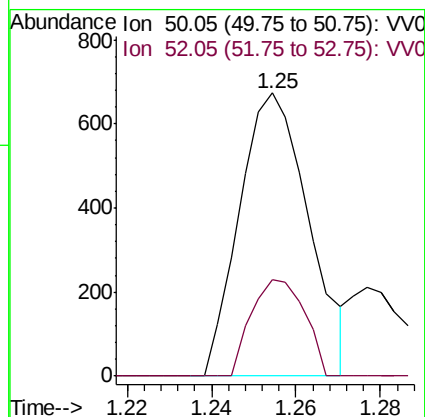
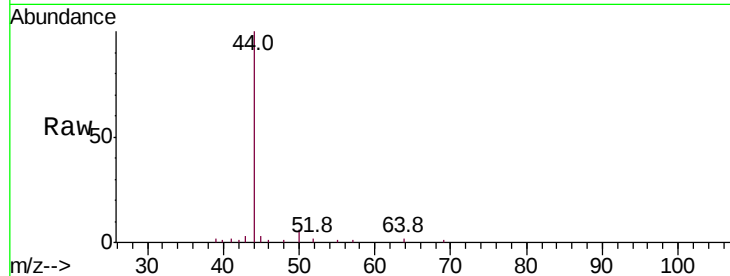
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 766

Ion Ratio Lower Upper

50 100

52 34.2 23.7 43.9



#13

Acetone

Concen: 3.601 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.02 min

Lab File: VV008346.D

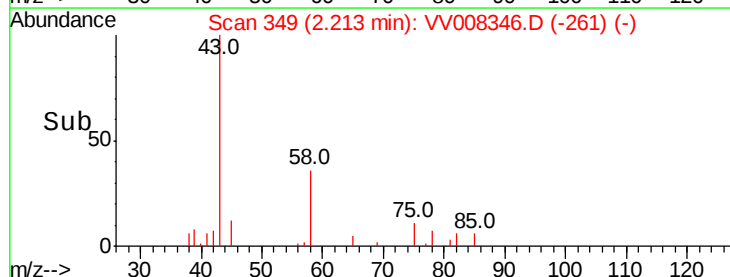
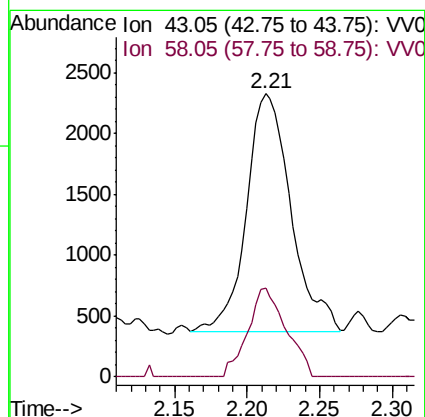
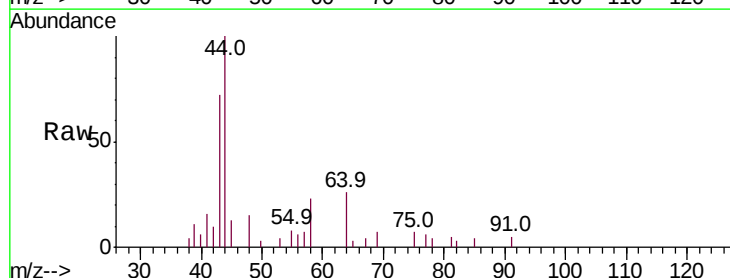
Acq: 18 Oct 2018 16:29

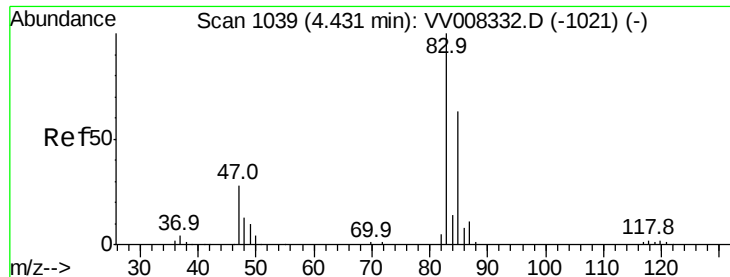
Tgt Ion: 43 Resp: 4192

Ion Ratio Lower Upper

43 100

58 32.0 0.0 62.0

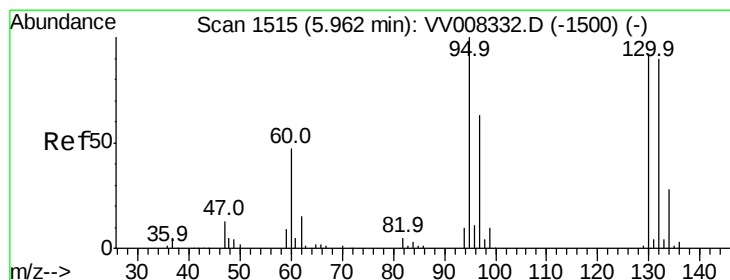
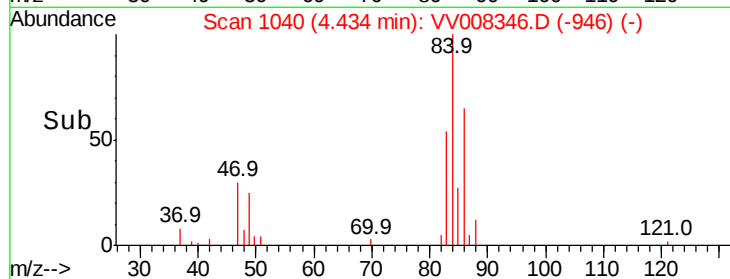
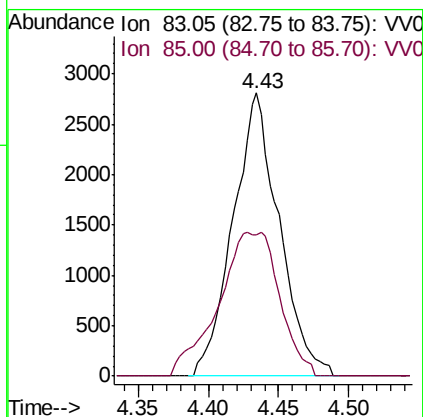
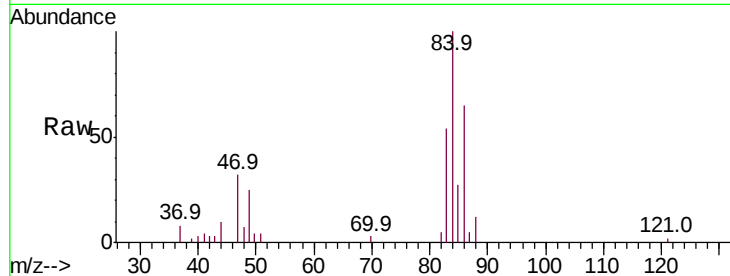




#25
Chloroform
Concen: 0.433 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV008346.D
Acq: 18 Oct 2018 16:29

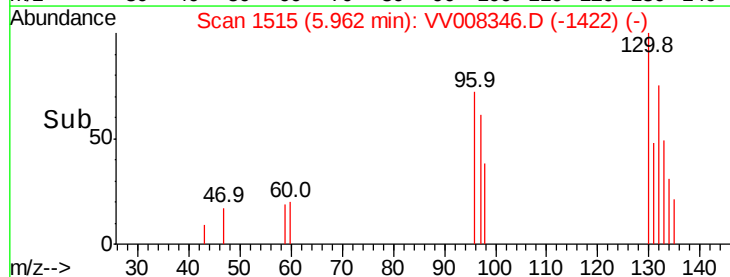
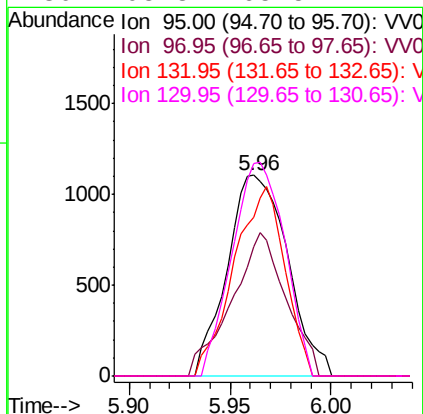
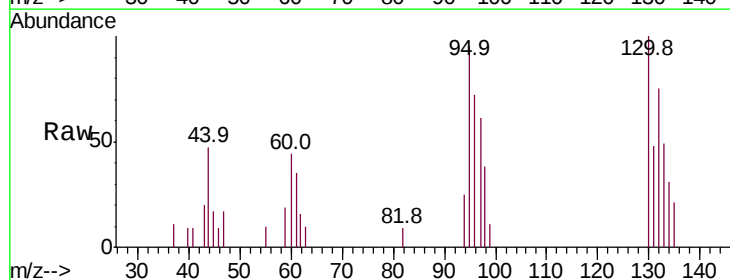
Instrument :
MSVOA_V
ClientSampled :

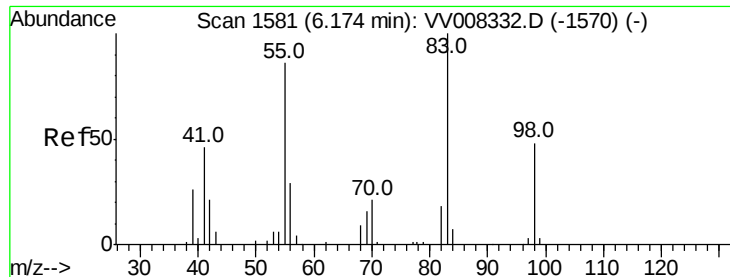
Tot Ion: 83 Resp: 6426
Ion Ratio Lower Upper
83 100
85 50.1 43.4 80.6



#34
Trichloroethene
Concen: 0.244 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV008346.D
Acq: 18 Oct 2018 16:29

Tgt Ion: 95 Resp: 2317
Ion Ratio Lower Upper
95 100
97 64.3 44.4 82.4
132 79.0 60.4 112.2
130 105.8 65.5 121.7

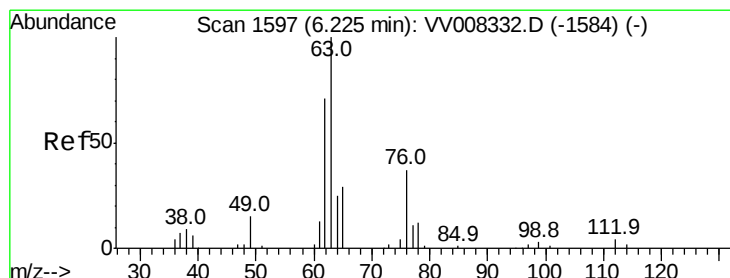
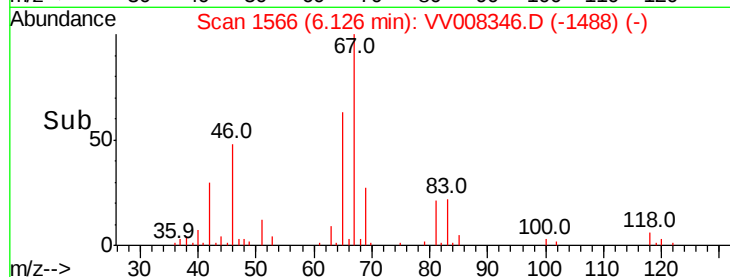
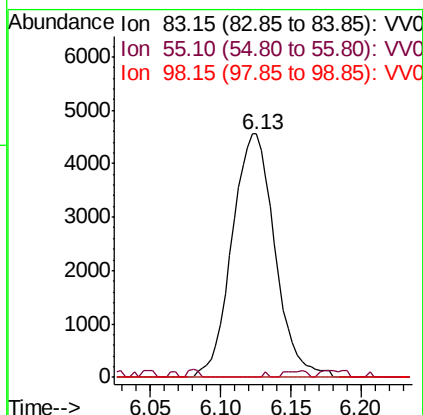
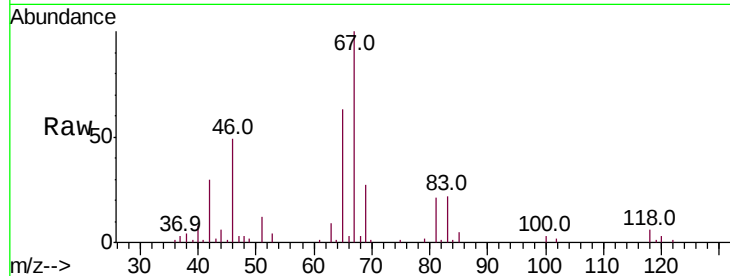




#35
Methvlcvclohexane
Concen: 0.604 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008346.D
Acq: 18 Oct 2018 16:29

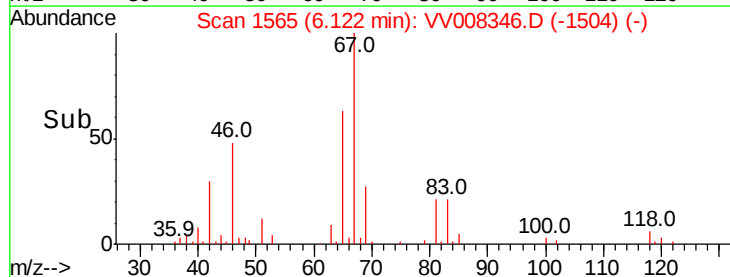
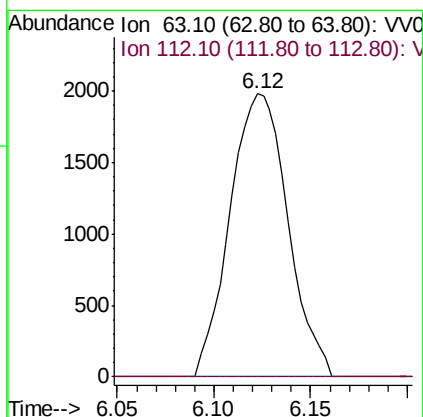
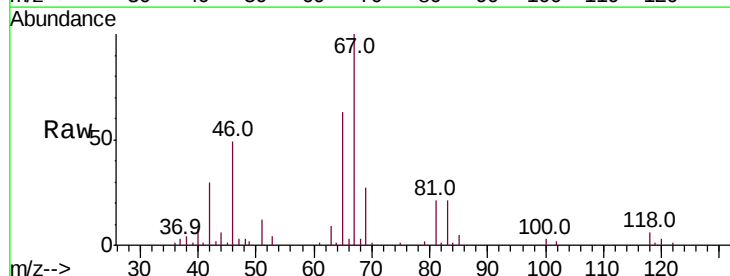
Instrument :
MSVOA_V
ClientSampled :

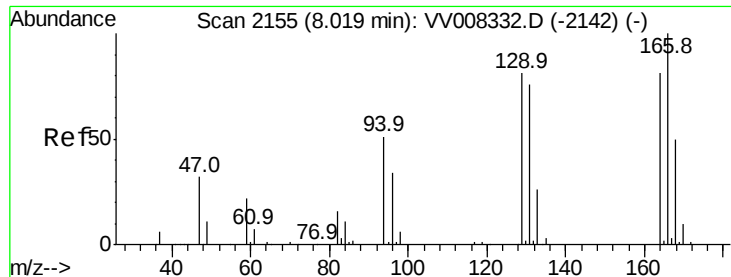
Tot Ion: 83 Resp: 9671
Ion Ratio Lower Upper
83 100
55 0.2 64.0 96.0#
98 0.0 37.0 55.4#



#37
1,2-Dichloropropane
Concen: 0.445 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008346.D
Acq: 18 Oct 2018 16:29

Tgt Ion: 63 Resp: 4116
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#





#47

Tetrachloroethene

Concen: 0.398 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008346.D

Acq: 18 Oct 2018 16:29

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 2369

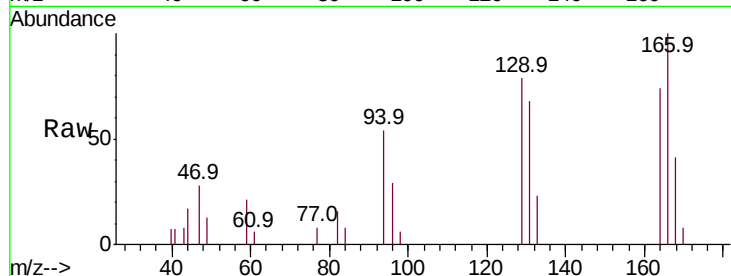
Ion Ratio Lower Upper

164 100

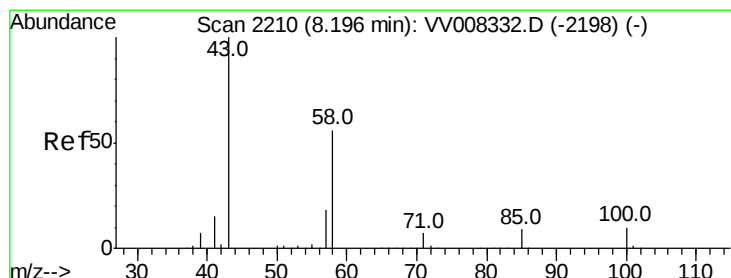
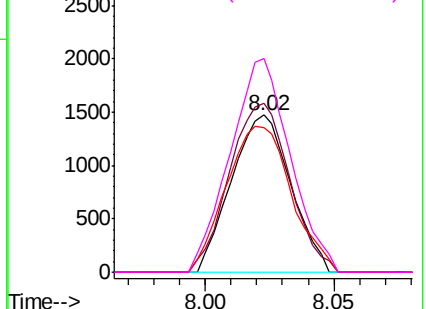
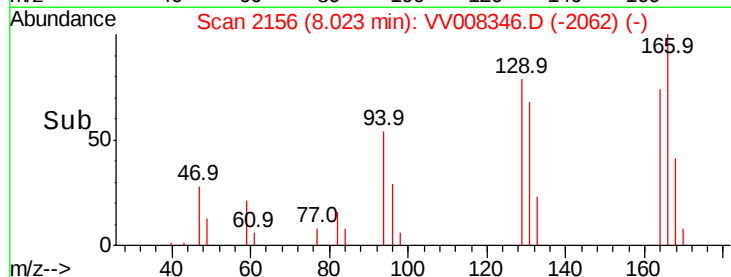
129 107.0 76.5 142.1

131 91.7 74.7 138.7

166 135.8 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: 4.054 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VV008346.D

Acq: 18 Oct 2018 16:29

Tgt Ion: 43 Resp: 16769

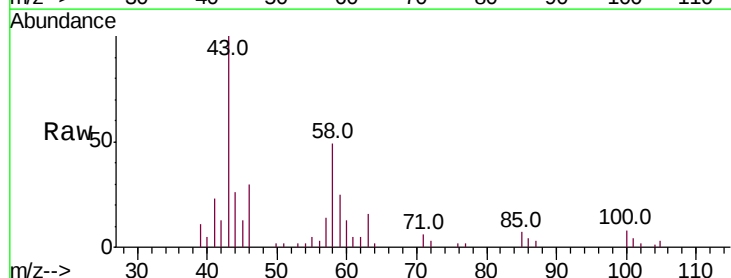
Ion Ratio Lower Upper

43 100

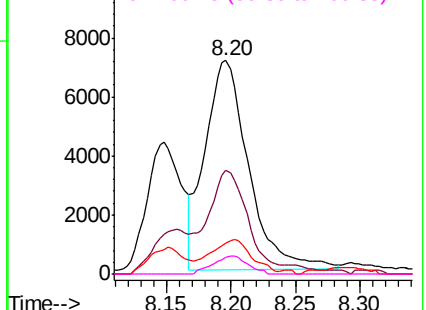
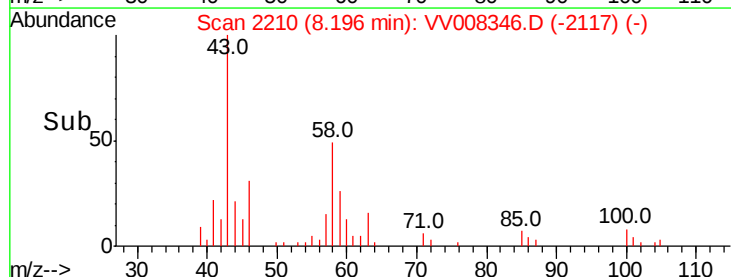
58 44.3 45.0 67.4#

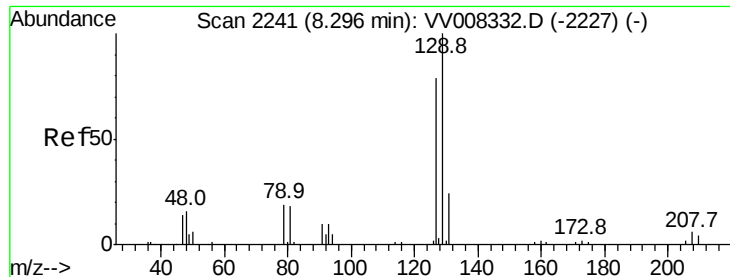
57 13.6 14.4 21.6#

100 6.8 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





#49

Dibromochloromethane

Concen: 0.375 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV008346.D

Acq: 18 Oct 2018 16:29

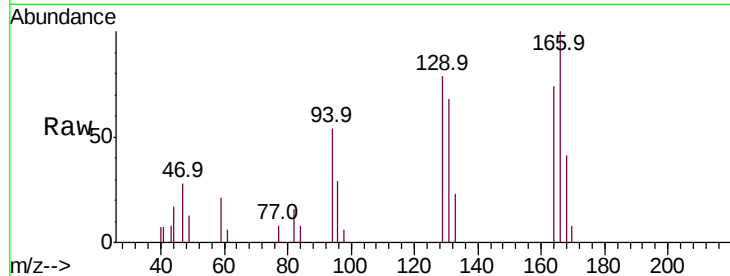
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 2454

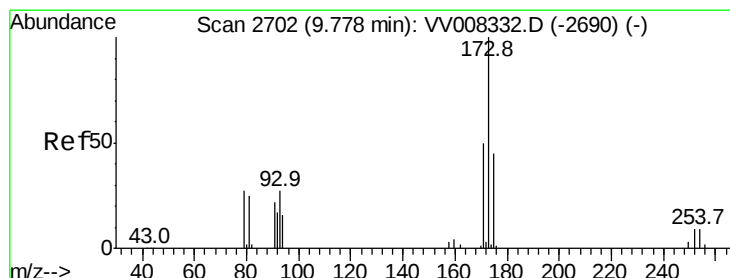
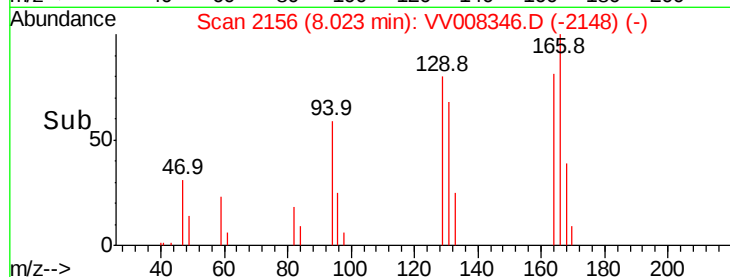
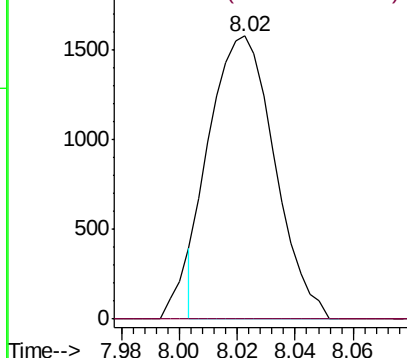
Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V



#61

Bromoform

Concen: 0.202 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. -0.00 min

Lab File: VV008346.D

Acq: 18 Oct 2018 16:29

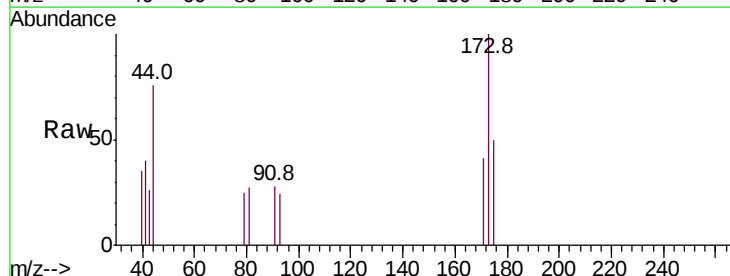
Tgt Ion:173 Resp: 624

Ion Ratio Lower Upper

173 100

175 30.9 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

