

Data File : VV013223.D
Acq On : 19 Oct 2019 00:49
Operator : SY/MD
Sample : K5321-08
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0AA5

Quant Time: Oct 19 06:39:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 06:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	393564	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	434860	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	220849	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	188680	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.58	69	152594	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.13	63	224869	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.97	46	483020	58.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.76%
24) Chloroform-d	4.40	84	384169	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.08	65	192533	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.09	84	769487	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.12	67	242877	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.36	98	618600	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	7.66	79	74468	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.14	63	362256	51.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	186113	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	293079	6.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.20%#

Target Compounds

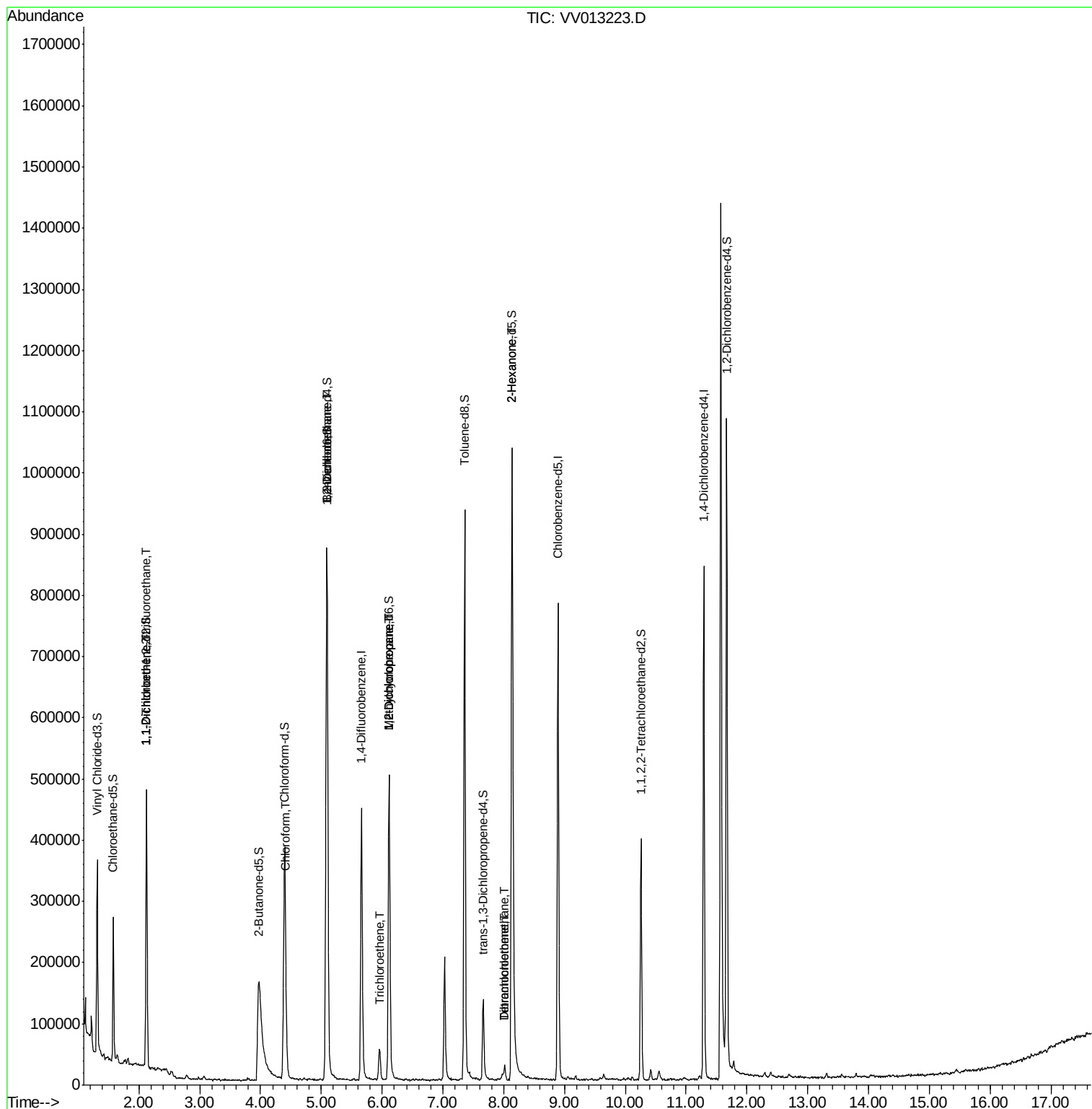
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2830	0.085 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	2481	0.078 ug/L #	1
25) Chloroform	4.42	83	24772	0.312 ug/L	83
27) 1,2-Dichloroethane	5.09	62	2512	0.058 ug/L	100
34) Trichloroethene	5.96	95	16131	0.355 ug/L	95
35) Methylcyclohexane	6.12	83	62371	0.895 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	25044	0.580 ug/L #	87
47) Tetrachloroethene	8.02	164	5862	0.148 ug/L	90
48) 2-Hexanone	8.14	43	55834	3.309 ug/L #	84
49) Dibromochloromethane	8.02	129	5214	0.147 ug/L #	11

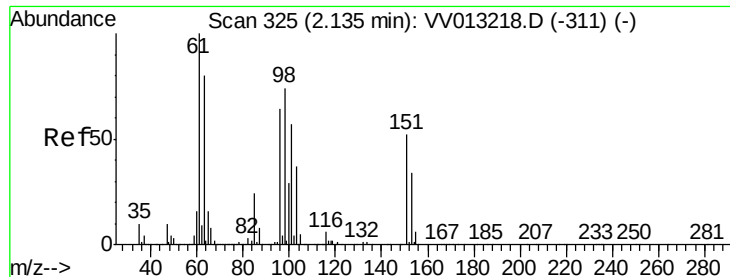
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.085 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013223.D

Acq: 19 Oct 2019 00:49

Instrument :

MSVOA_V

ClientSampleId :

E0AA5

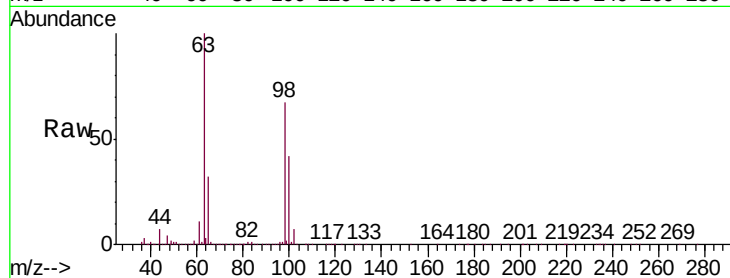
Tgt Ion:101 Resp: 2830

Ion Ratio Lower Upper

101 100

85 6.4 32.4 48.6#

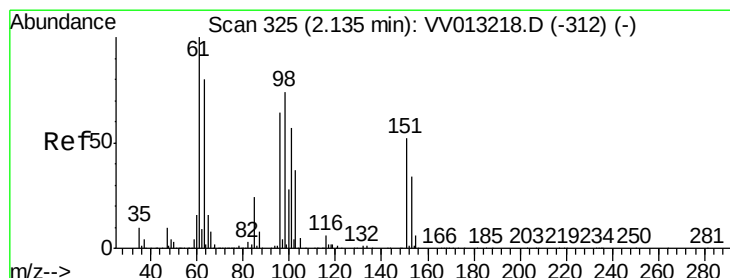
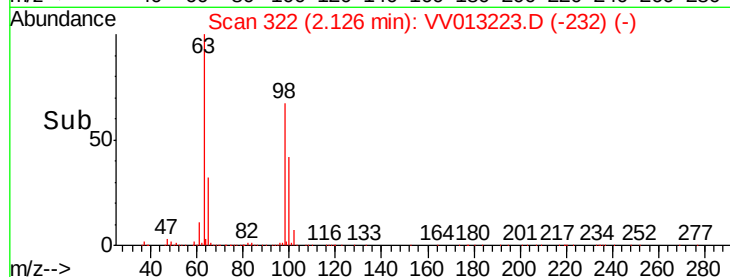
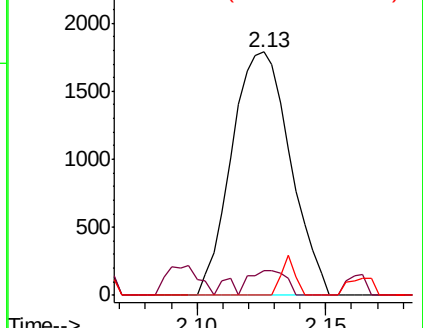
151 3.9 71.9 107.9#



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



#12

1,1-Dichloroethene

Concen: 0.078 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013223.D

Acq: 19 Oct 2019 00:49

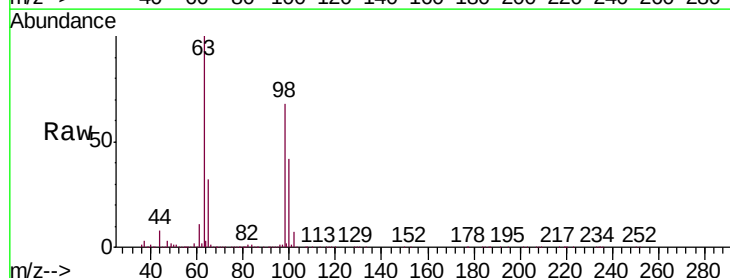
Tgt Ion: 96 Resp: 2481

Ion Ratio Lower Upper

96 100

61 1158.7 109.8 204.0#

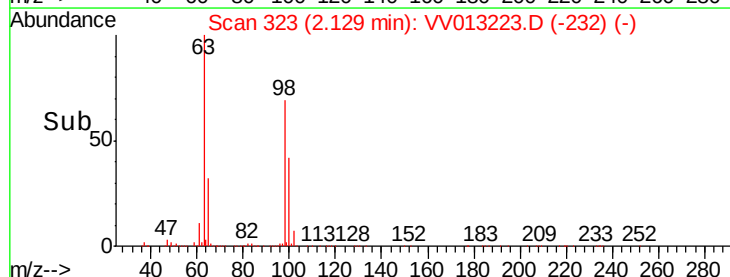
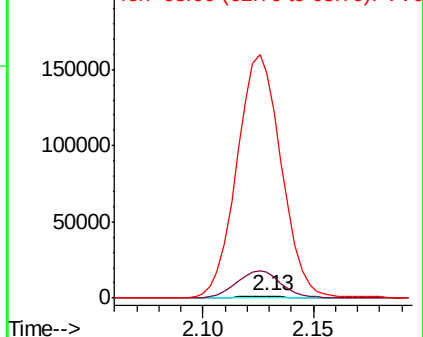
63 10114.7 72.6 134.8#

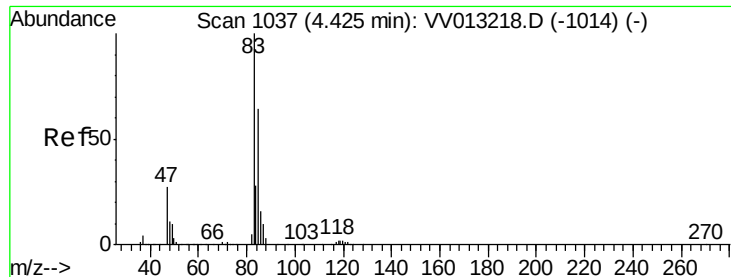


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

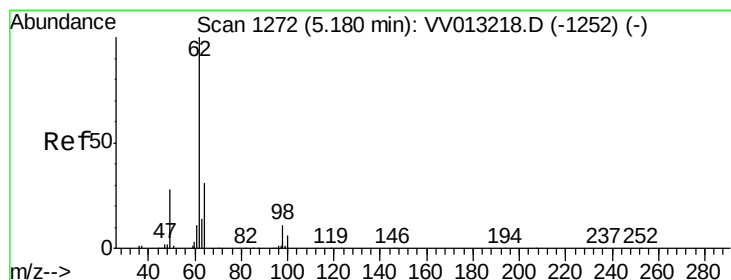
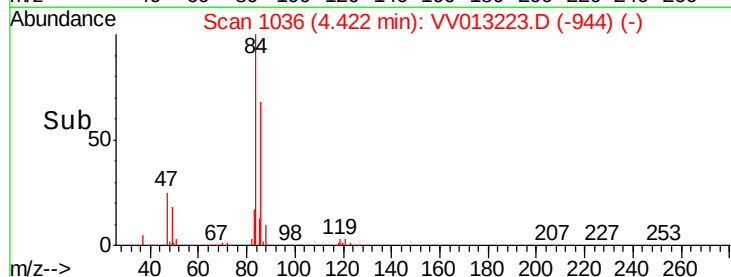
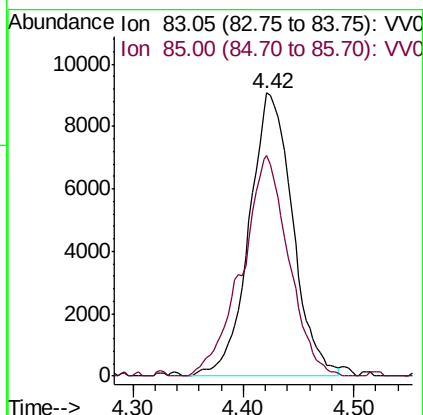
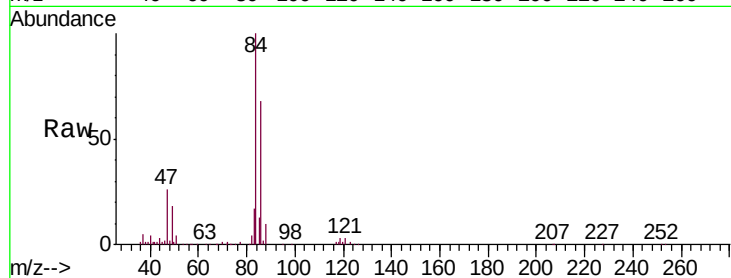




#25
Chloroform
Concen: 0.312 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV013223.D
Acq: 19 Oct 2019 00:49

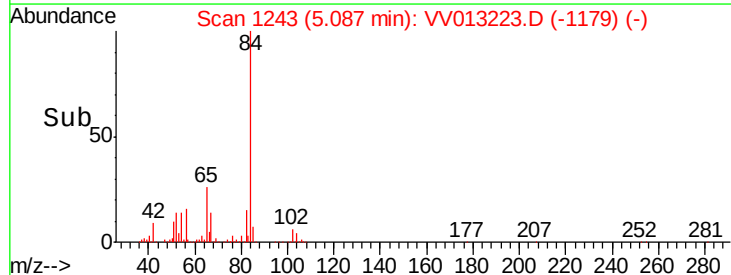
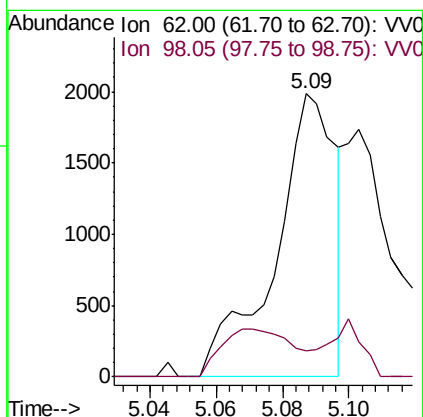
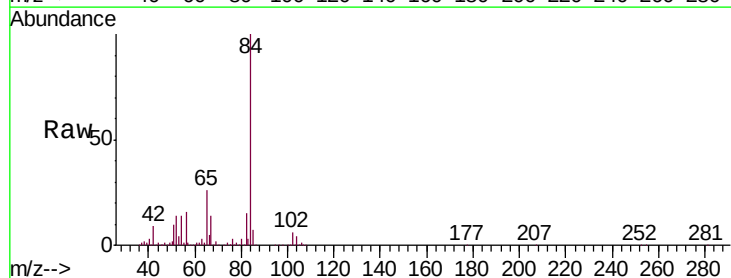
Instrument :
MSVOA_V
ClientSampleId :
E0AA5

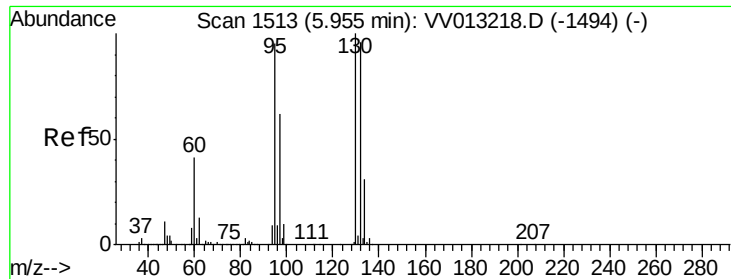
Tgt Ion: 83 Resp: 24772
Ion Ratio Lower Upper
83 100
85 78.1 45.5 84.5



#27
1,2-Dichloroethane
Concen: 0.058 ug/L
RT: 5.09 min Scan# 1243
Delta R.T. -0.09 min
Lab File: VV013223.D
Acq: 19 Oct 2019 00:49

Tgt Ion: 62 Resp: 2512
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.2





#34

Trichloroethene

Concen: 0.355 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV013223.D

Acq: 19 Oct 2019 00:49

Instrument :

MSVOA_V

ClientSampleId :

E0AA5

Tgt Ion: 95 Resp: 16131

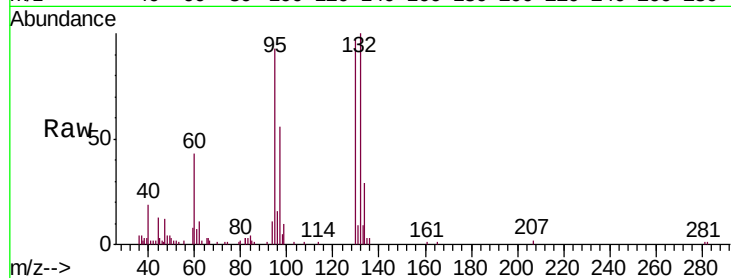
Ion Ratio Lower Upper

95 100

97 60.0 44.7 82.9

132 107.2 68.9 127.9

130 104.3 72.7 134.9

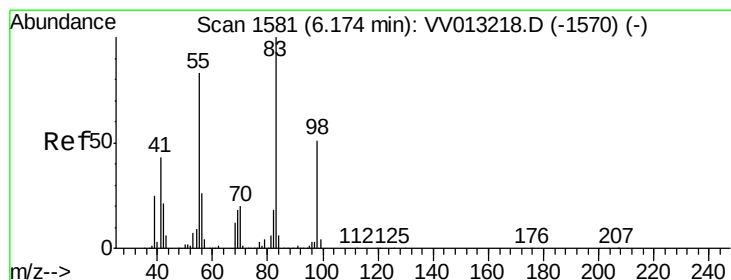
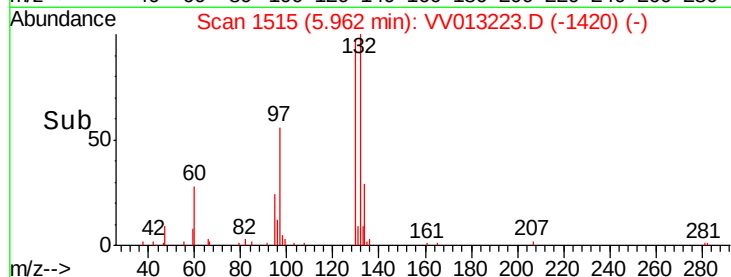
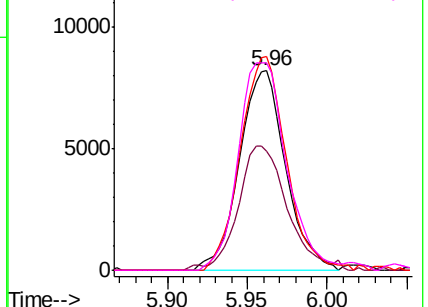


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.895 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV013223.D

Acq: 19 Oct 2019 00:49

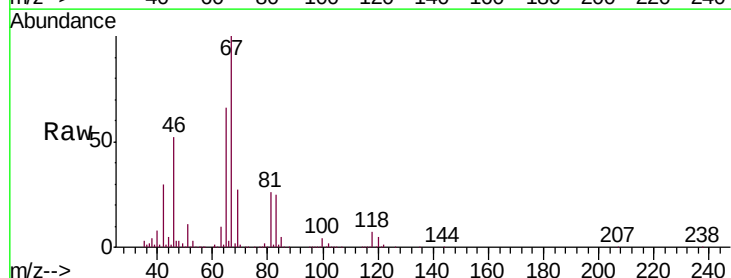
Tgt Ion: 83 Resp: 62371

Ion Ratio Lower Upper

83 100

55 0.4 64.0 96.0#

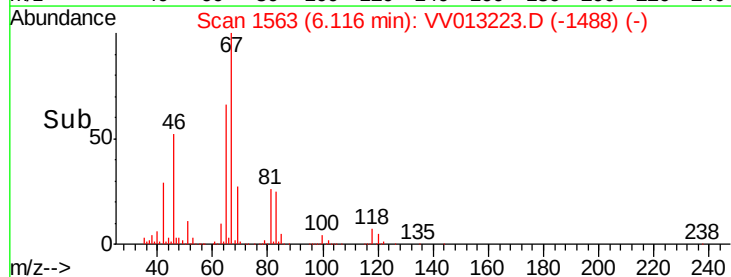
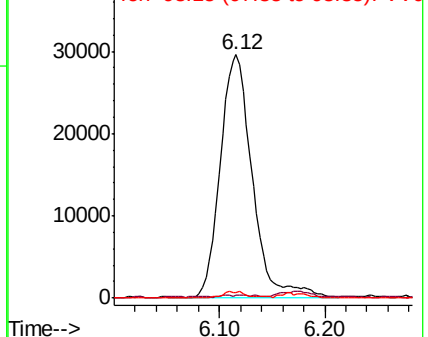
98 0.0 38.6 57.8#

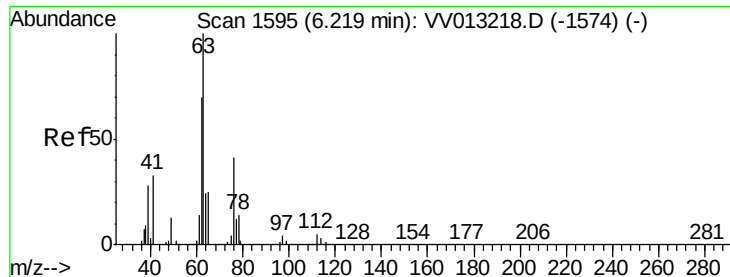


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.580 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV013223.D

Acq: 19 Oct 2019 00:49

Instrument :

MSVOA_V

ClientSampleId :

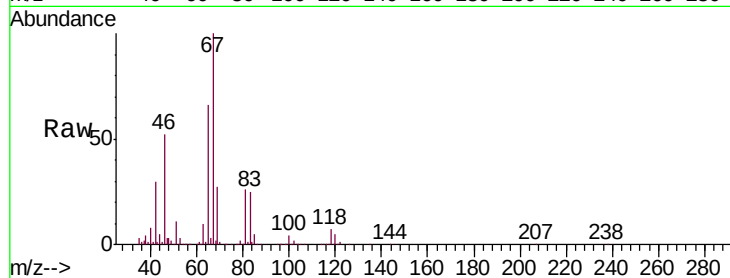
E0AA5

Tgt Ion: 63 Resp: 25044

Ion Ratio Lower Upper

63 100

112 0.4 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VV013218.D (-1574) (-)

Ion 112.10 (111.80 to 112.80): VV013218.D (-1574) (-)

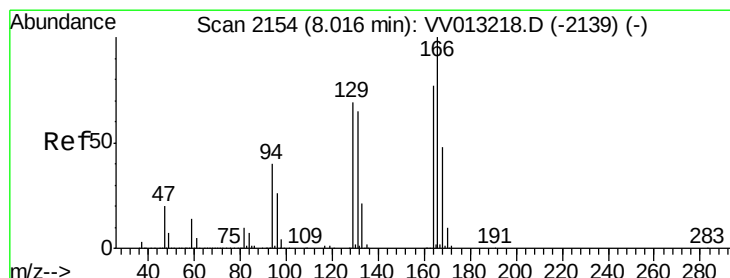
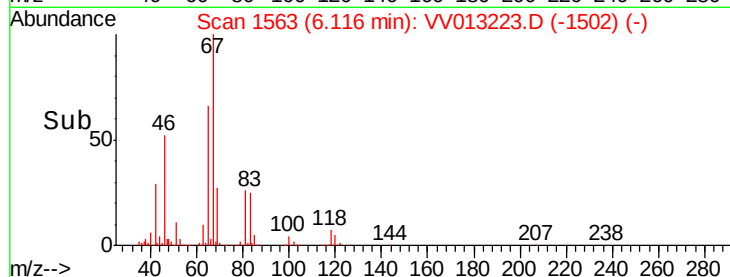
6.12

10000

5000

0

Time-->



#47

Tetrachloroethene

Concen: 0.148 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013223.D

Acq: 19 Oct 2019 00:49

Tgt Ion: 164 Resp: 5862

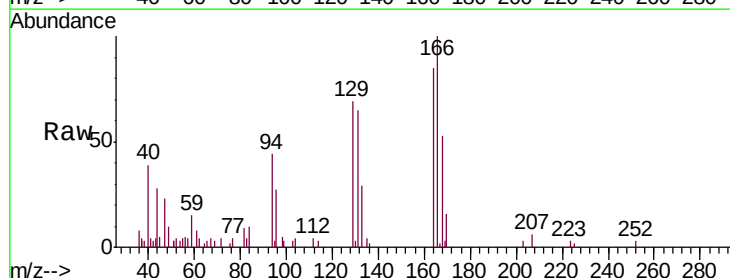
Ion Ratio Lower Upper

164 100

129 80.7 62.2 115.4

131 76.8 59.9 111.3

166 117.5 91.1 169.1



Abundance Ion 163.90 (163.60 to 164.60): VV013218.D (-2139) (-)

Ion 128.95 (128.65 to 129.65): VV013218.D (-2139) (-)

Ion 130.95 (130.65 to 131.65): VV013218.D (-2139) (-)

Ion 165.90 (165.60 to 166.60): VV013218.D (-2139) (-)

6000

5000

4000

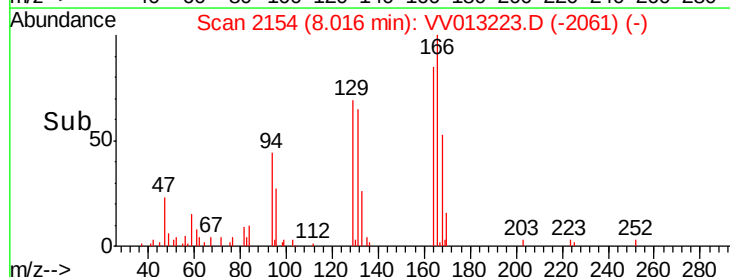
3000

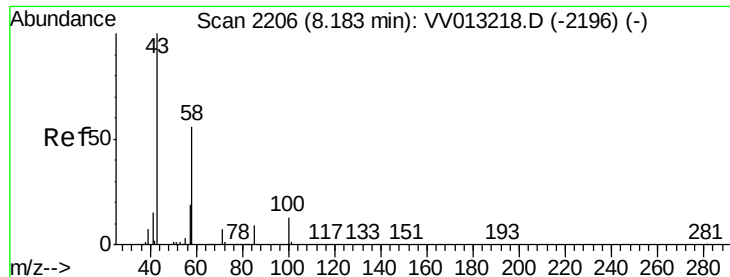
2000

1000

0

Time-->

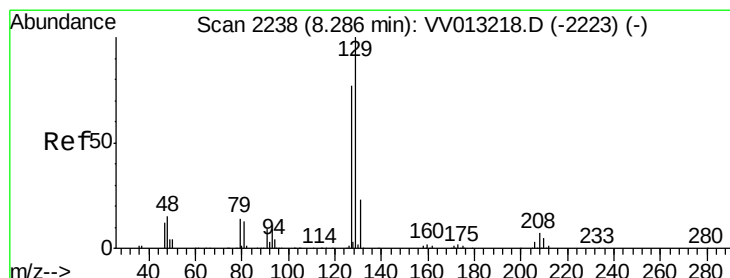
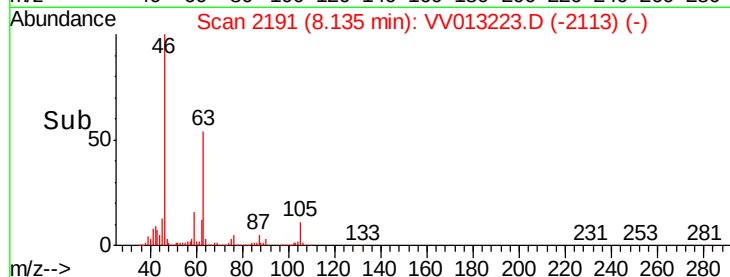
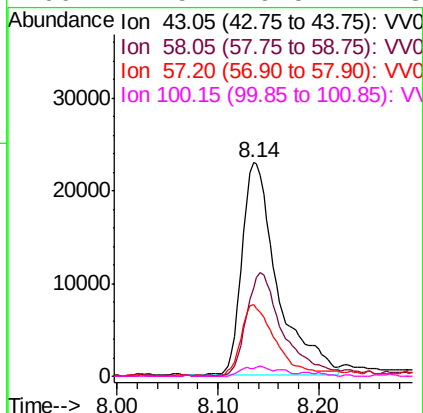
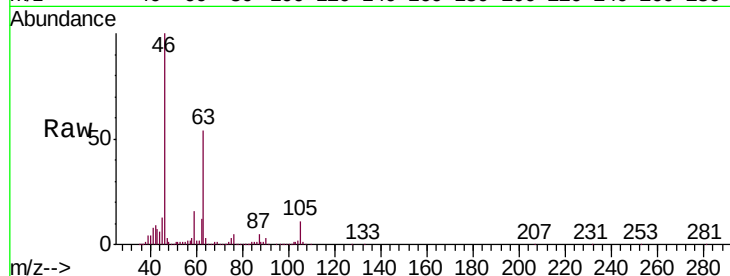




#48
2-Hexanone
Concen: 3.309 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV013223.D
Acq: 19 Oct 2019 00:49

Instrument :
MSVOA_V
ClientSampleId :
E0AA5

Tgt Ion: 43 Resp: 55834
Ion Ratio Lower Upper
43 100
58 50.1 44.2 66.2
57 33.3 14.5 21.7#
100 1.5 9.5 14.3#



#49
Dibromochloromethane
Concen: 0.147 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV013223.D
Acq: 19 Oct 2019 00:49

Tgt Ion: 129 Resp: 5214
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#

