

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122319\
 Data File : VV014166.D
 Acq On : 23 Dec 2019 18:43
 Operator : SY/MD
 Sample : K6404-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 24 01:37:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 24 01:34:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	359073	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	365576	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	165308	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	125124	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.58	69	107962	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.13	63	165684	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	3.95	46	264143	54.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.70%
24) Chloroform-d	4.40	84	241694	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.08	65	124237	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.09	84	492435	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.11	67	153133	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.36	98	416278	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.66	79	51736	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.13	63	192645	46.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.64%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	105009	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	160584	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

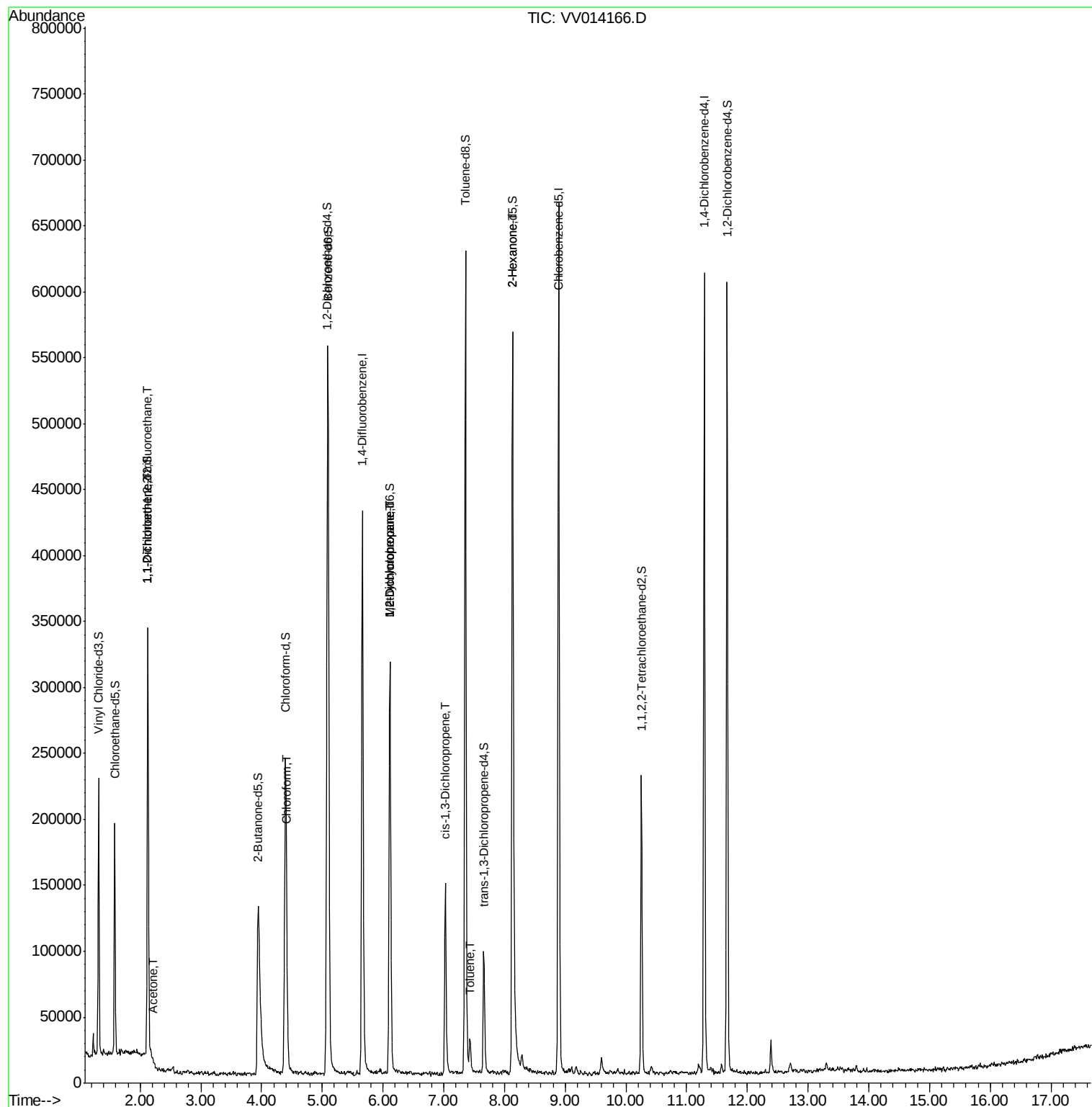
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1995	0.094 ug/L #	18
12) 1,1-Dichloroethene	2.13	96	1805	0.087 ug/L #	1
13) Acetone	2.21	43	8556	2.161 ug/L	89
25) Chloroform	4.42	83	4714	0.101 ug/L	92
35) Methylcyclohexane	6.11	83	35424	0.879 ug/L #	17
37) 1,2-Dichloropropane	6.11	63	16609	0.653 ug/L #	91
39) cis-1,3-Dichloropropene	7.03	75	3597	0.100 ug/L #	56
42) Toluene	7.43	91	15877	0.147 ug/L	99
48) 2-Hexanone	8.13	43	25195	2.487 ug/L #	70

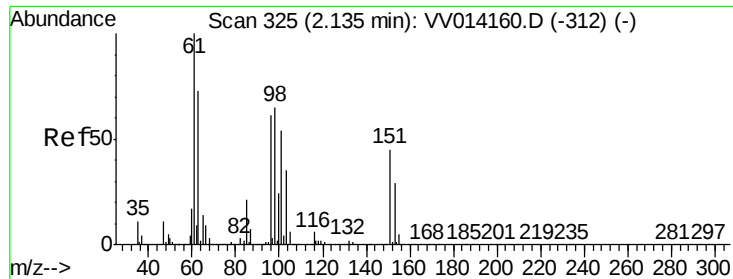
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 01:34:37 2019
Response via : Initial Calibration





#10

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

Concen: 0.094 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV014166.D

Acq: 23 Dec 2019 18:43

Instrument :

MSVOA_V

ClientSampleId :

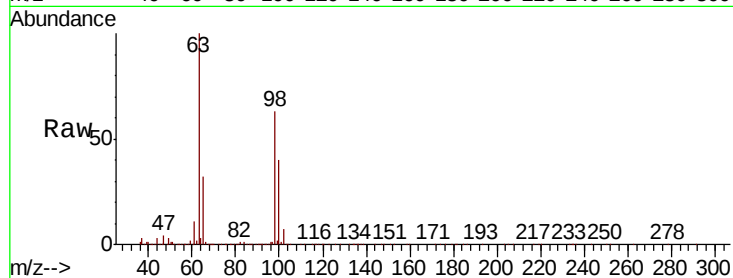
Tot Ion:101 Resp: 1995

Ion Ratio Lower Upper

101 100

85 6.4 34.7 52.1#

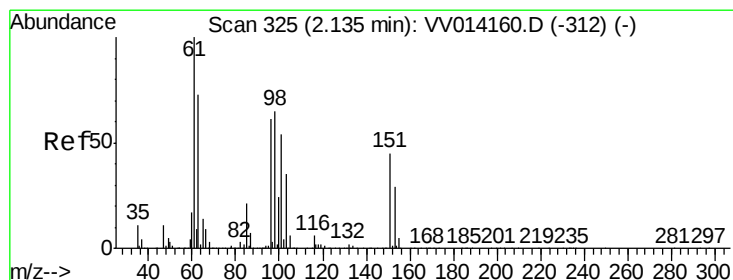
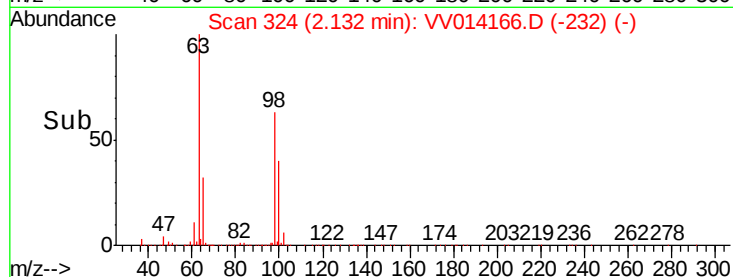
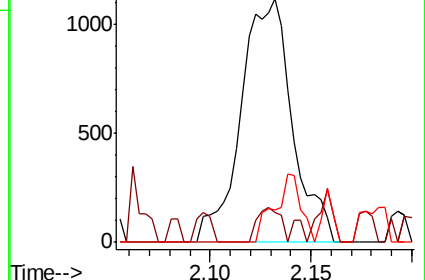
151 0.0 69.1 103.7#



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: 0.087 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014166.D

Acq: 23 Dec 2019 18:43

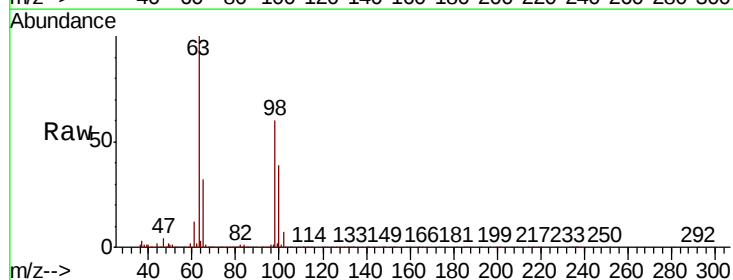
Tgt Ion: 96 Resp: 1805

Ion Ratio Lower Upper

96 100

61 1137.2 115.8 215.2#

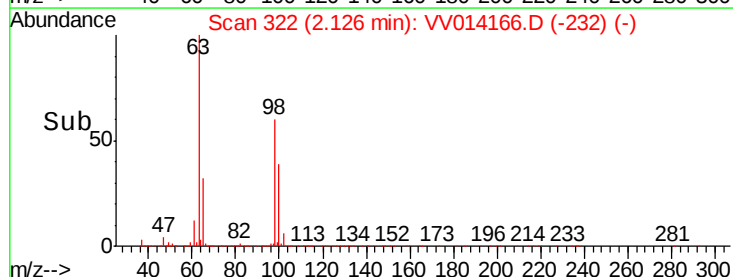
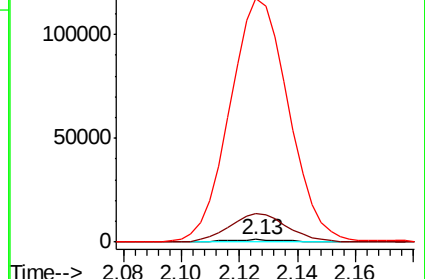
63 9629.6 79.9 148.3#

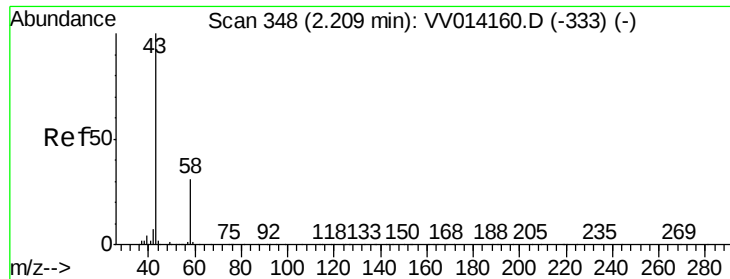


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.161 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.00 min

Lab File: VV014166.D

Acq: 23 Dec 2019 18:43

Instrument :

MSVOA_V

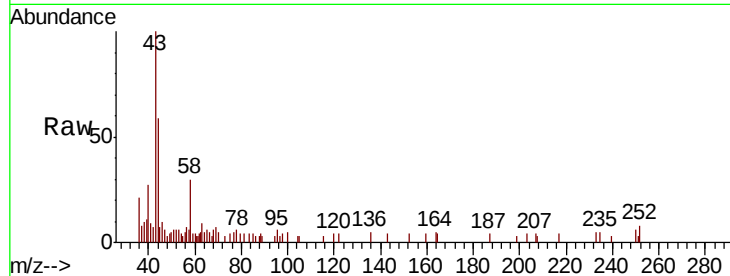
ClientSampleId :

Tot Ion: 43 Resp: 8556

Ion Ratio Lower Upper

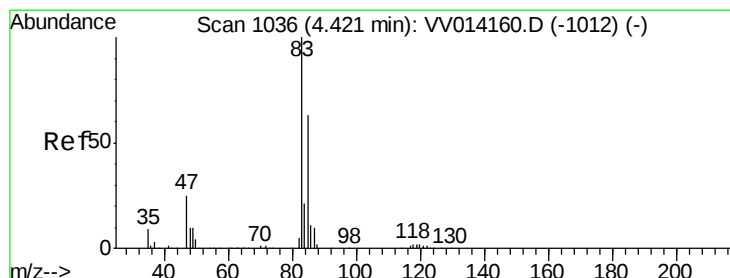
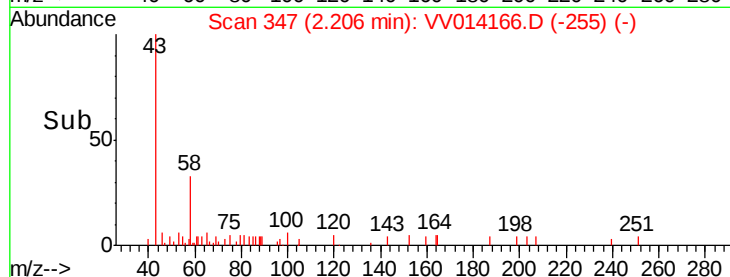
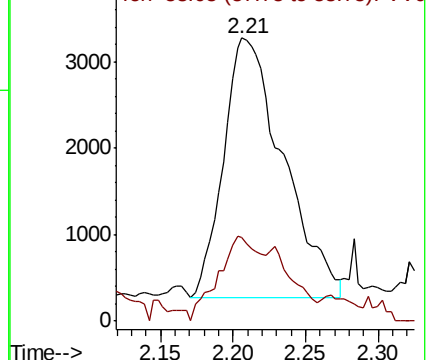
43 100

58 23.3 0.0 58.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#25

Chloroform

Concen: 0.101 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VV014166.D

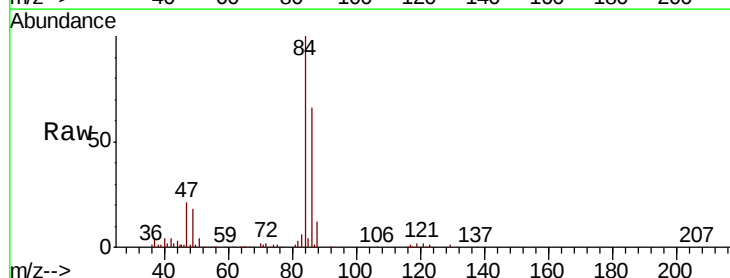
Acq: 23 Dec 2019 18:43

Tgt Ion: 83 Resp: 4714

Ion Ratio Lower Upper

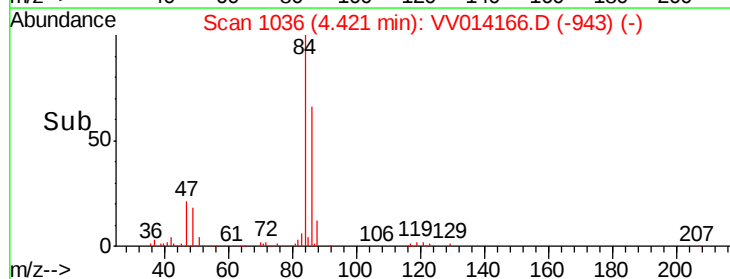
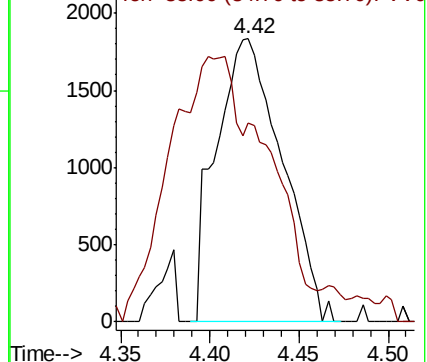
83 100

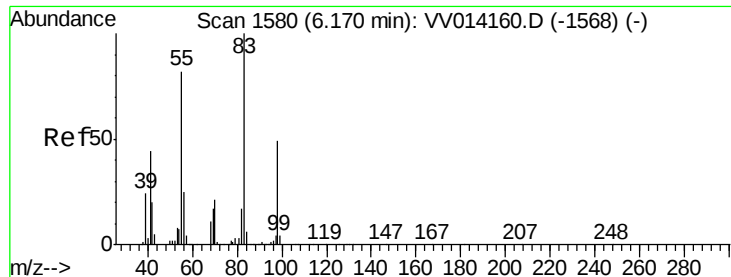
85 70.1 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

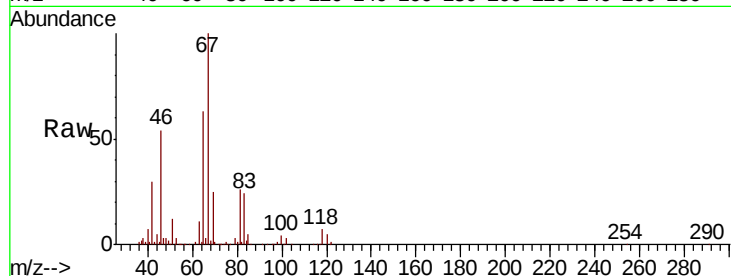




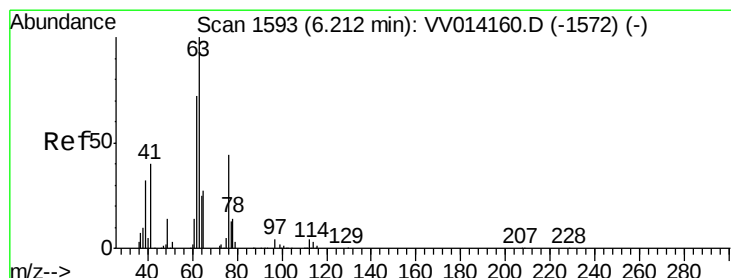
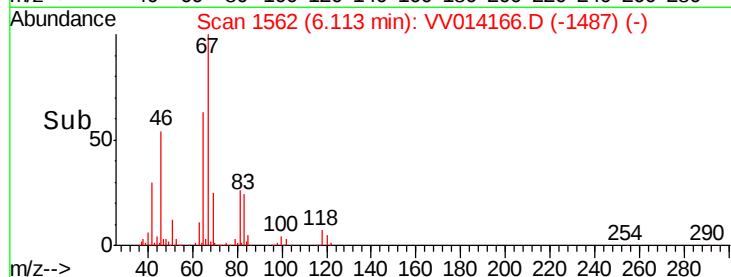
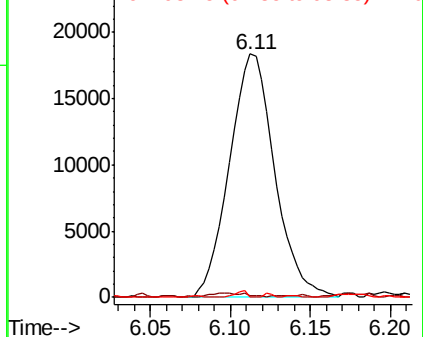
#35
Methvlcvclohexane
Concen: 0.879 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014166.D
Acq: 23 Dec 2019 18:43

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 35424
Ion Ratio Lower Upper
83 100
55 0.4 65.3 97.9#
98 0.7 39.2 58.8#

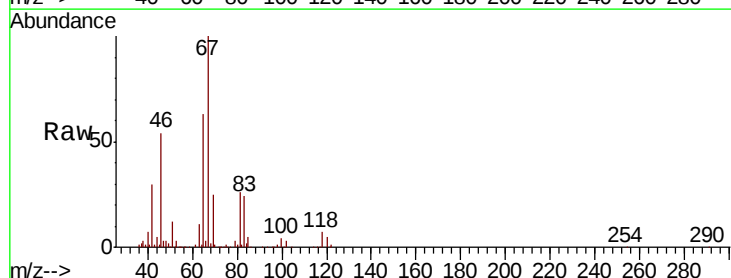


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

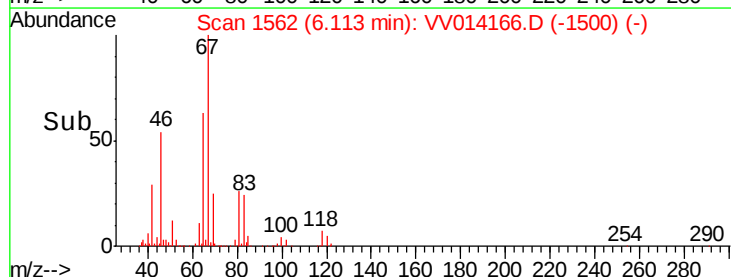
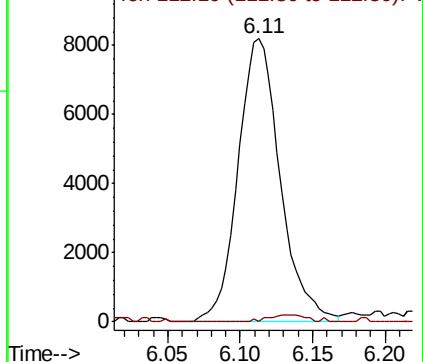


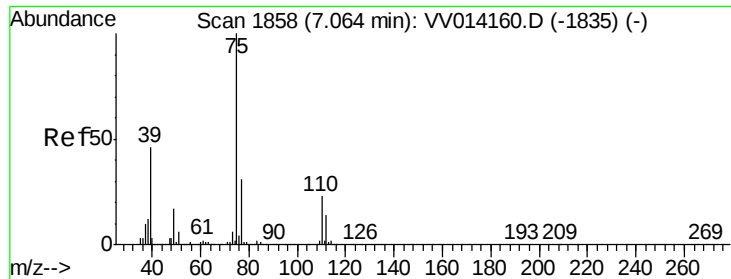
#37
1,2-Dichloropropane
Concen: 0.653 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV014166.D
Acq: 23 Dec 2019 18:43

Tgt Ion: 63 Resp: 16609
Ion Ratio Lower Upper
63 100
112 2.2 4.0 6.0#



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

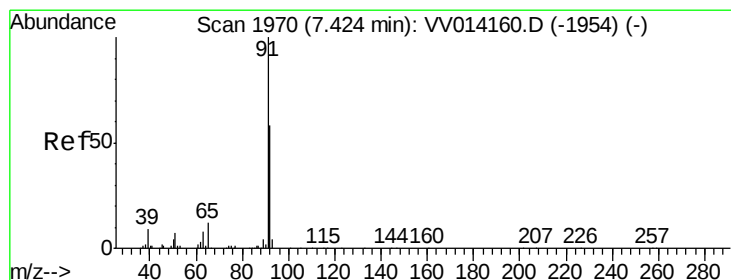
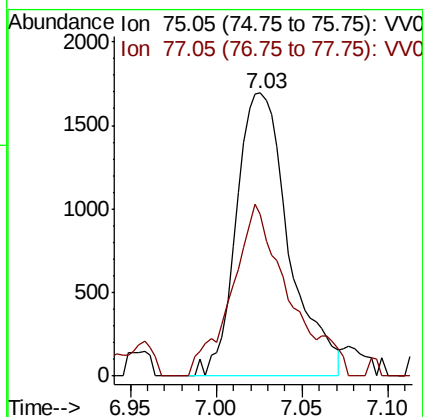
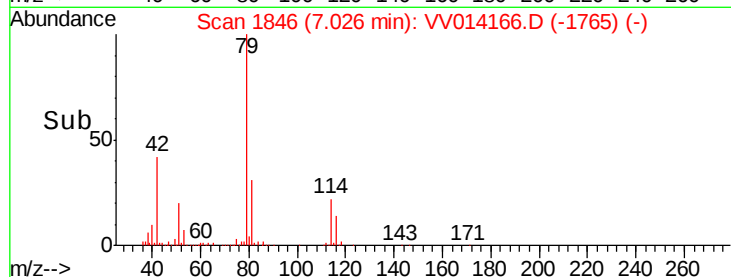
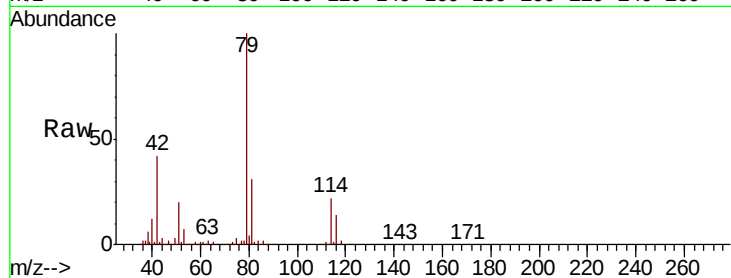




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV014166.D
 Acq: 23 Dec 2019 18:43

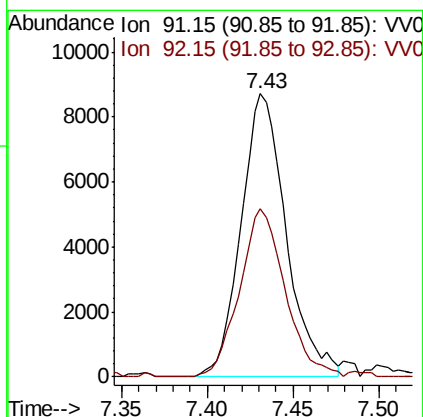
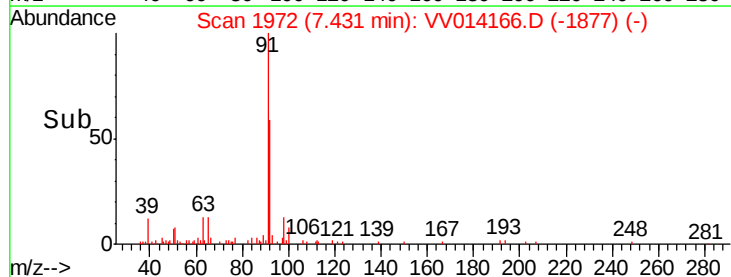
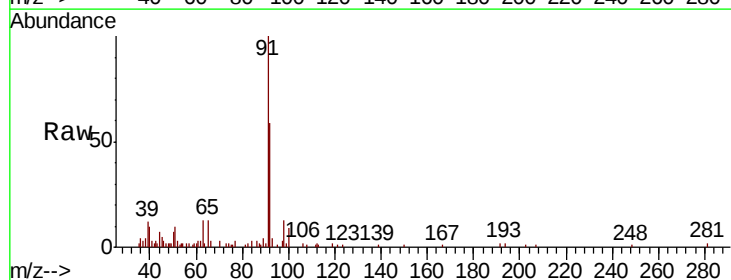
Instrument :
 MSVOA_V
 ClientSampleId :

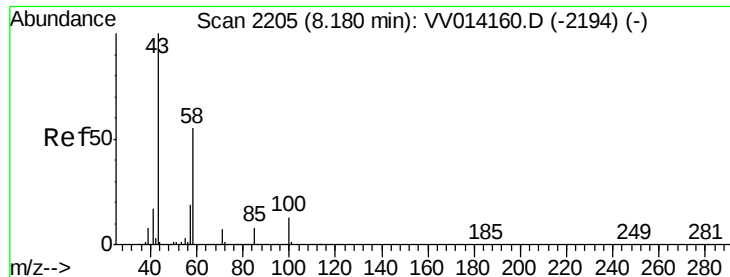
Tot Ion: 75 Resp: 3597
 Ion Ratio Lower Upper
 75 100
 77 57.1 22.6 42.0#



#42
 Toluene
 Concen: 0.147 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.01 min
 Lab File: VV014166.D
 Acq: 23 Dec 2019 18:43

Tgt Ion: 91 Resp: 15877
 Ion Ratio Lower Upper
 91 100
 92 59.3 41.2 76.6





#48

2-Hexanone

Concen: 2.487 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV014166.D

Acq: 23 Dec 2019 18:43

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 25195

Ion Ratio Lower Upper

43 100

58 40.9 43.2 64.8#

57 47.3 14.8 22.2#

100 0.8 9.7 14.5#

