

Data File : VV011508.D
Acq On : 14 Jun 2019 23:32
Operator : SY/MD
Sample : K3324-23
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JY0

Quant Time: Jun 15 01:33:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 15 01:30:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	194281	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	174790	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	70281	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	65131	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.58	69	46579	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.12	63	100758	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	3.96	46	198349	48.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.12%
24) Chloroform-d	4.40	84	125875	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.08	65	76601	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.09	84	255388	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	80113	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	224225	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	7.66	79	22830	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.14	63	154174	48.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55239	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	70353	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

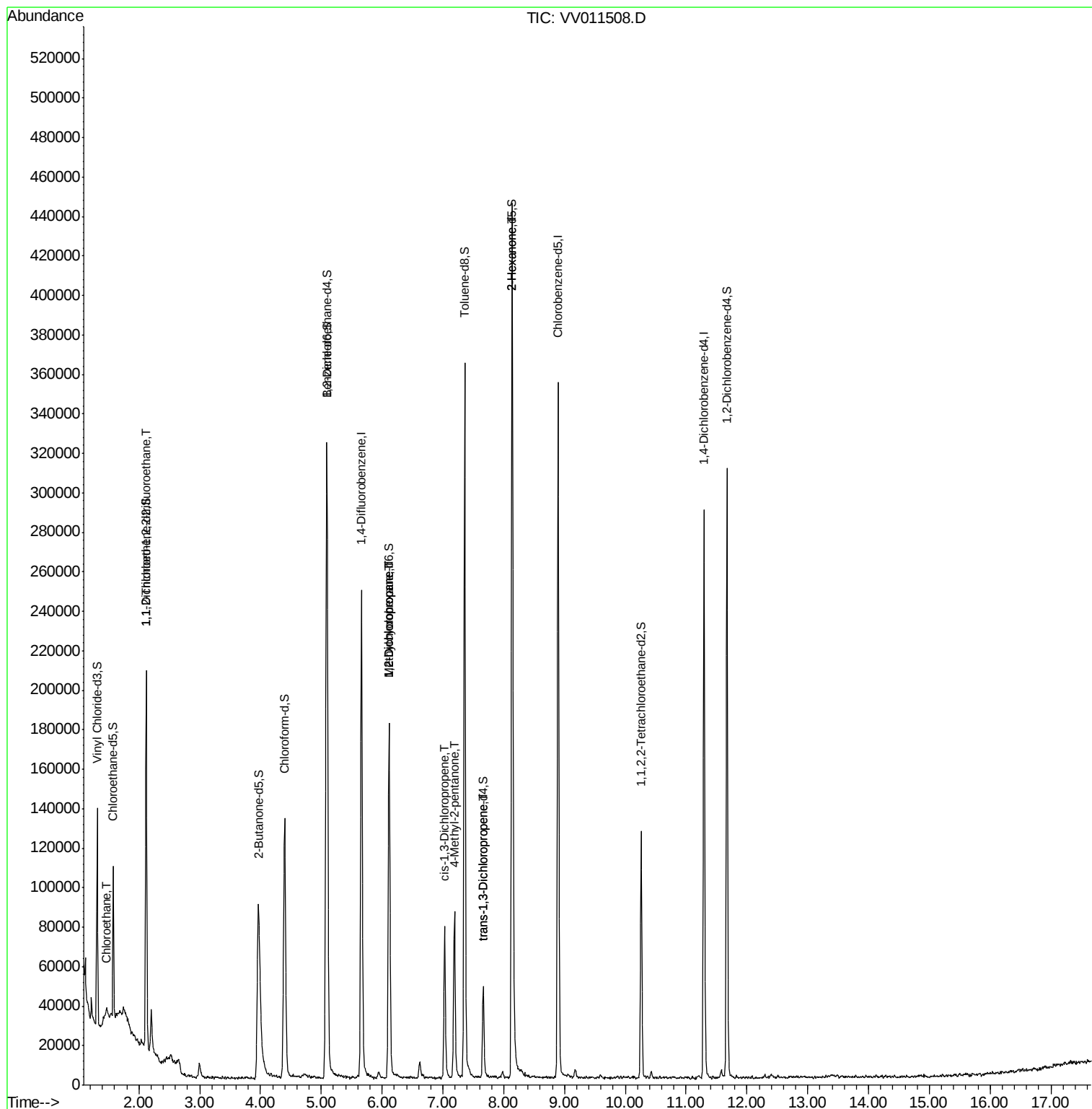
					Qvalue	
8) Chloroethane	1.46	64	26430	2.944	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	975	0.084	ug/L #	22
35) Methylcyclohexane	6.12	83	19422	0.936	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	9463	0.623	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2303	0.120	ug/L #	68
40) 4-Methyl-2-pentanone	7.19	43	44043	4.066	ug/L #	49
44) trans-1,3-Dichloropropene	7.66	75	1401	0.096	ug/L	91
48) 2-Hexanone	8.14	43	22548	2.961	ug/L #	72

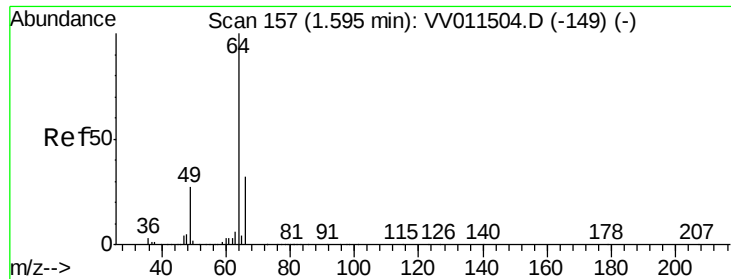
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 15 01:30:25 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 2.944 ug/L

RT: 1.46 min Scan# 116

Delta R.T. -0.13 min

Lab File: VV011508.D

Acq: 14 Jun 2019 23:32

Instrument :

MSVOA_V

ClientSampleId :

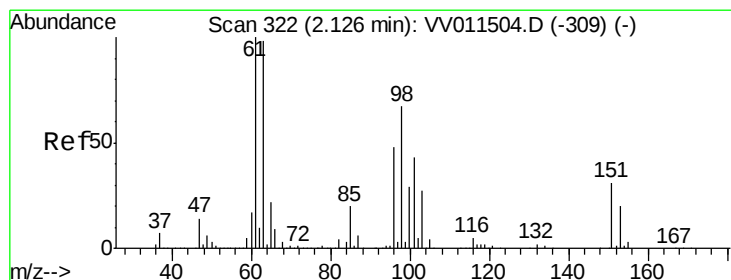
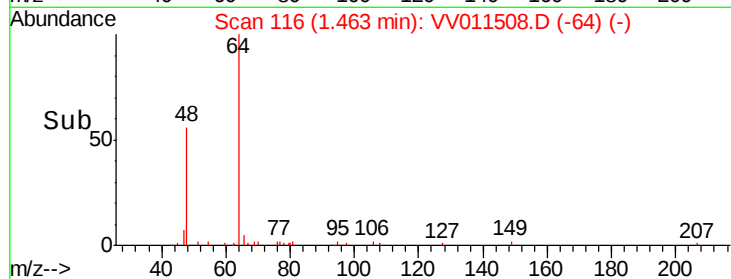
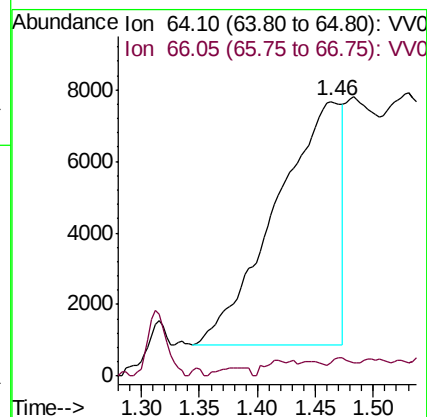
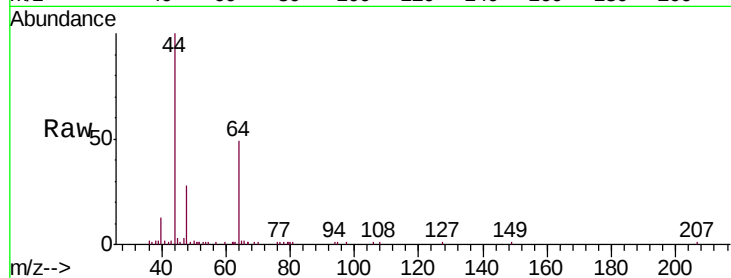
C0JY0

Tgt Ion: 64 Resp: 26430

Ion Ratio Lower Upper

64 100

66 4.8 21.6 40.2#



#10

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

Concen: 0.084 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV011508.D

Acq: 14 Jun 2019 23:32

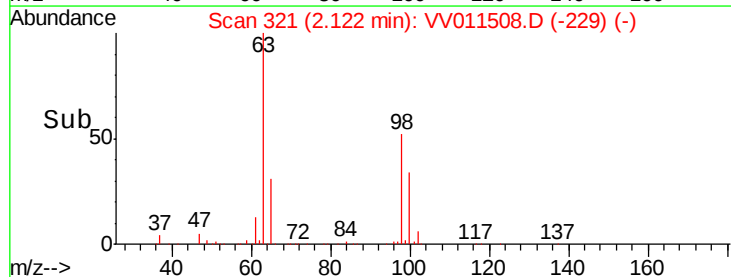
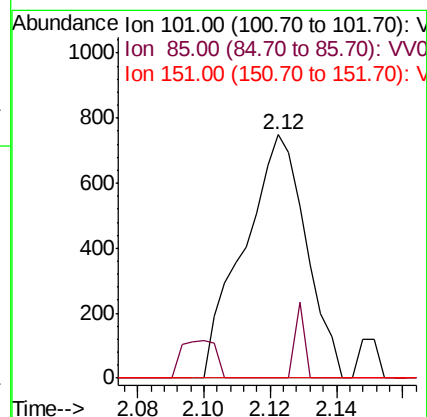
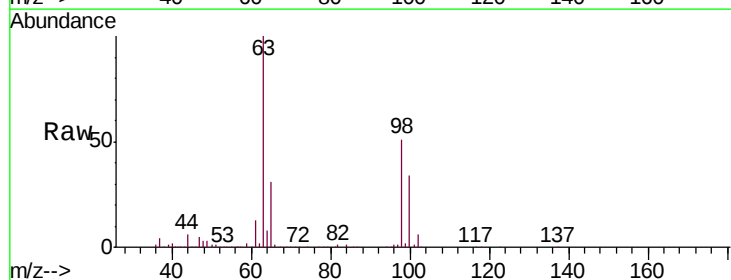
Tgt Ion: 101 Resp: 975

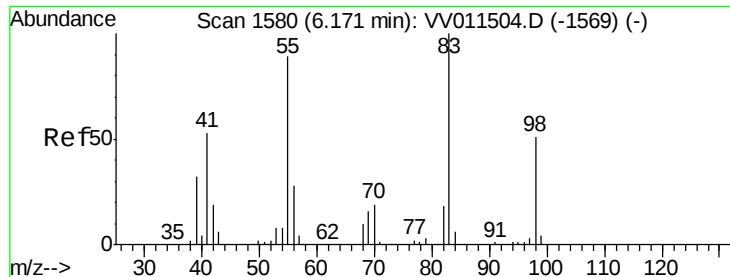
Ion Ratio Lower Upper

101 100

85 4.6 37.3 55.9#

151 0.0 59.4 89.2#

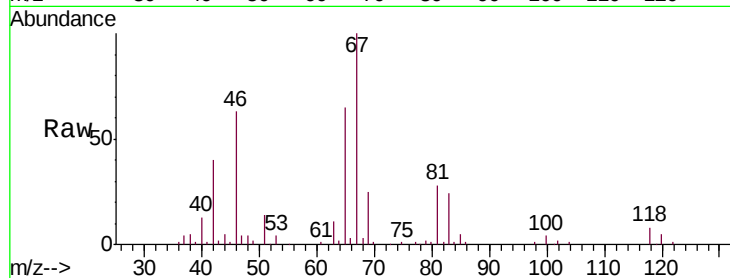




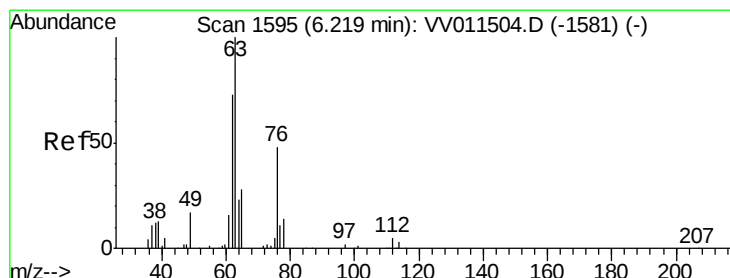
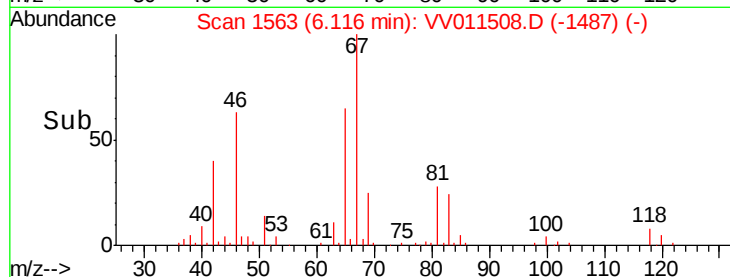
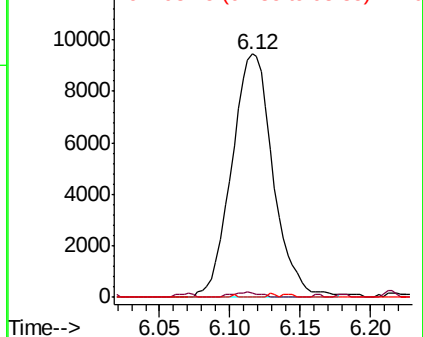
#35
Methylcyclohexane
Concen: 0.936 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011508.D
Acq: 14 Jun 2019 23:32

Instrument :
MSVOA_V
ClientSampleId :
C0JY0

Tgt Ion: 83 Resp: 19422
Ion Ratio Lower Upper
83 100
55 1.4 67.9 101.9#
98 0.1 39.6 59.4#

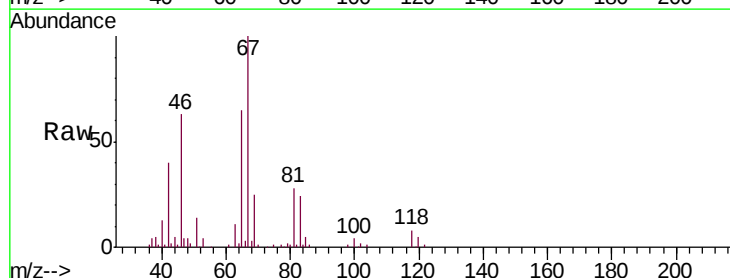


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

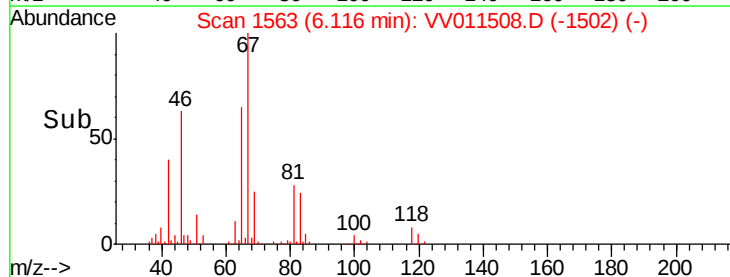
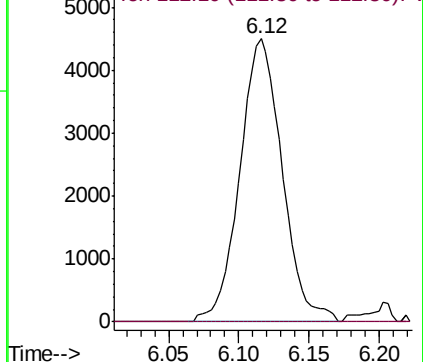


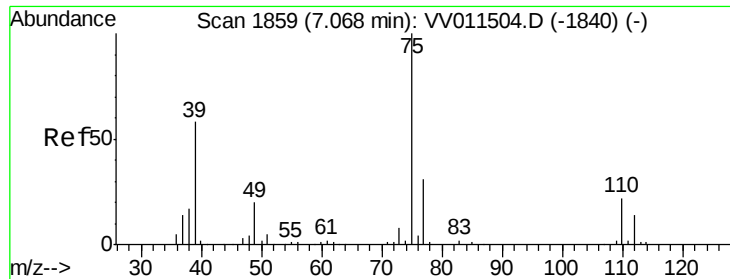
#37
1,2-Dichloropropane
Concen: 0.623 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011508.D
Acq: 14 Jun 2019 23:32

Tgt Ion: 63 Resp: 9463
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#



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



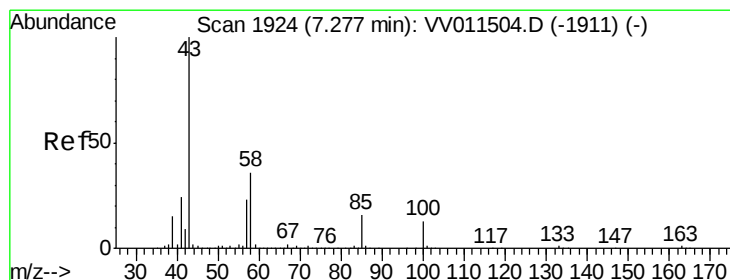
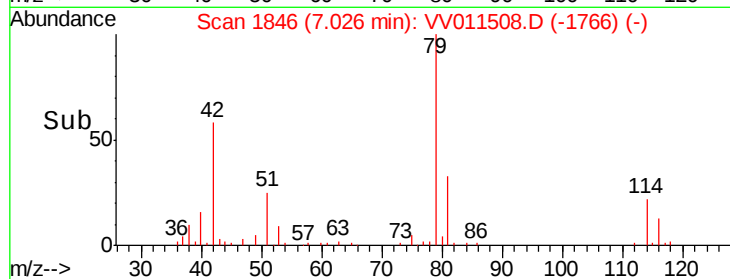
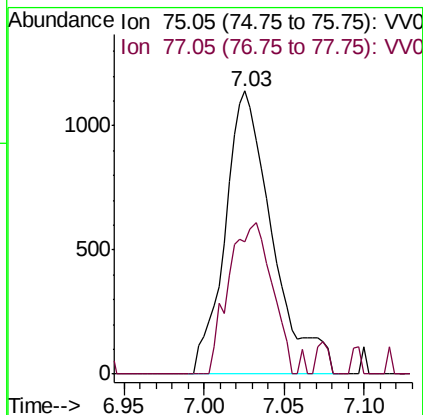
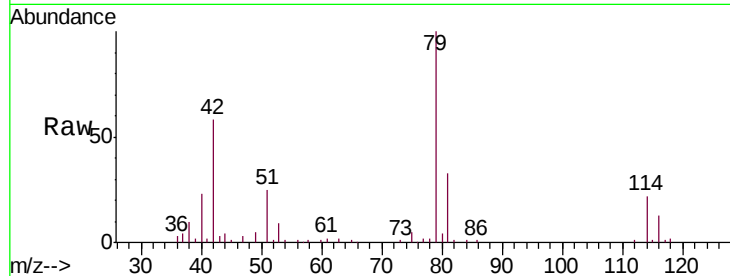


#39

cis-1,3-Dichloropropene
Concen: 0.120 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV011508.D
Acq: 14 Jun 2019 23:32

Instrument :
MSVOA_V
ClientSampleId :
C0JY0

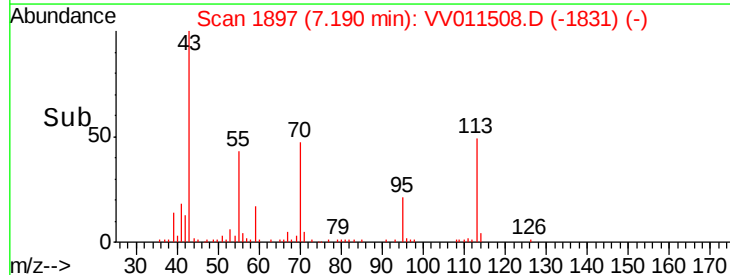
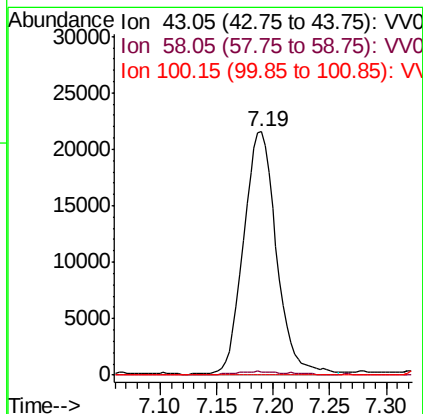
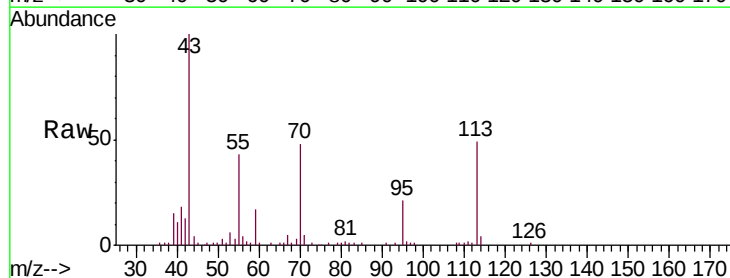
Tgt Ion: 75 Resp: 2303
Ion Ratio Lower Upper
75 100
77 46.8 20.6 38.4#

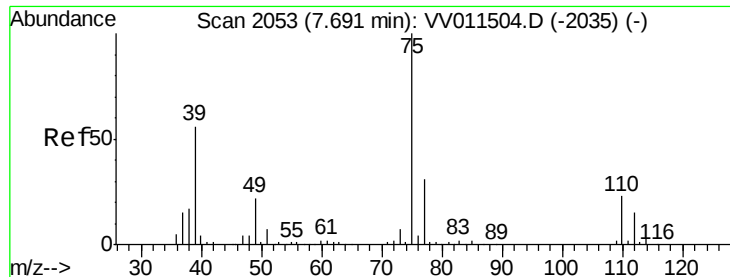


#40

4-Methyl-2-pentanone
Concen: 4.066 ug/L
RT: 7.19 min Scan# 1897
Delta R.T. -0.09 min
Lab File: VV011508.D
Acq: 14 Jun 2019 23:32

Tgt Ion: 43 Resp: 44043
Ion Ratio Lower Upper
43 100
58 2.0 28.7 43.1#
100 0.0 10.6 15.8#





#44

trans-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV011508.D

Acq: 14 Jun 2019 23:32

Instrument :

MSVOA_V

ClientSampleId :

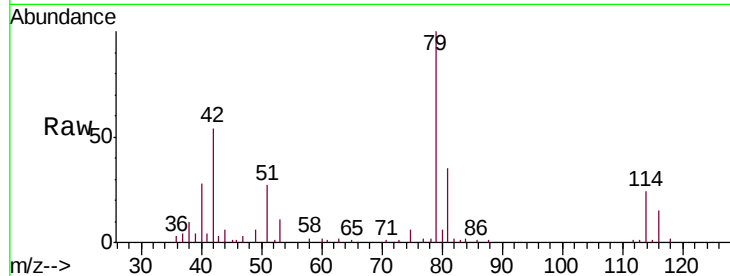
C0JY0

Tgt Ion: 75 Resp: 1401

Ion Ratio Lower Upper

75 100

77 37.4 22.8 42.4



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.66

800

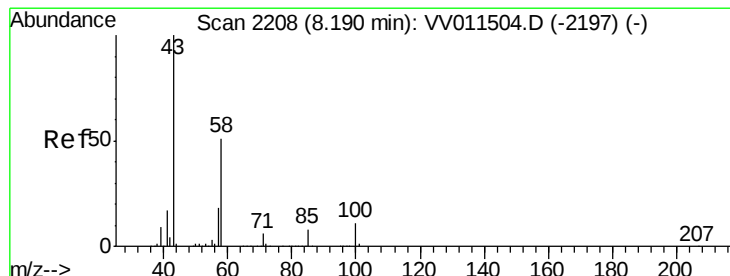
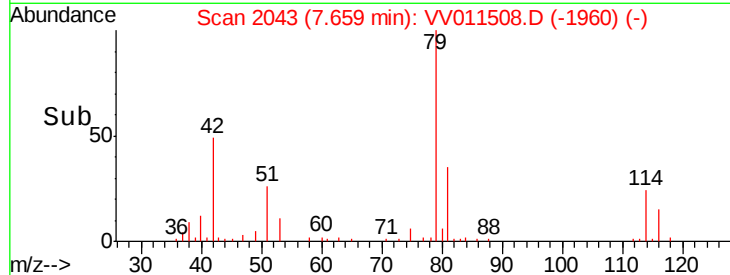
600

400

200

0

Time-->



#48

2-Hexanone

Concen: 2.961 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011508.D

Acq: 14 Jun 2019 23:32

Tgt Ion: 43 Resp: 22548

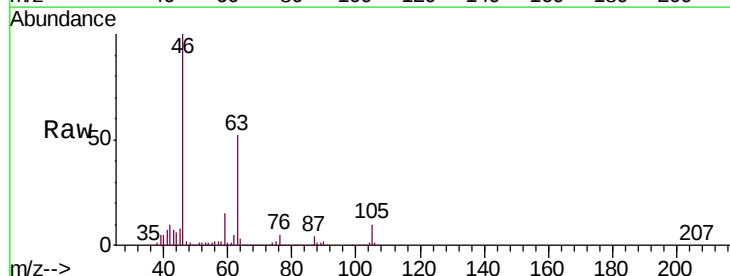
Ion Ratio Lower Upper

43 100

58 27.5 40.6 60.8#

57 23.7 14.2 21.4#

100 1.0 8.6 12.8#



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

8.14

15000

10000

5000

0

Time-->

