

Data File : VV014257.D
Acq On : 03 Jan 2020 15:52
Operator : SY/MD
Sample : L1022-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0BR3

Quant Time: Jan 03 22:49:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 03 22:46:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	806587	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	746955	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	336409	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	293491	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.59	69	223937	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.13	63	342947	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.40%
20) 2-Butanone-d5	3.92	46	635242	46.86	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.72%
24) Chloroform-d	4.40	84	396254	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.60%
26) 1,2-Dichloroethane-d4	5.08	65	266427	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.10	84	1113357	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.12	67	340359	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	988482	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.66	79	146979	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.13	63	609552	47.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	230006	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	321787	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

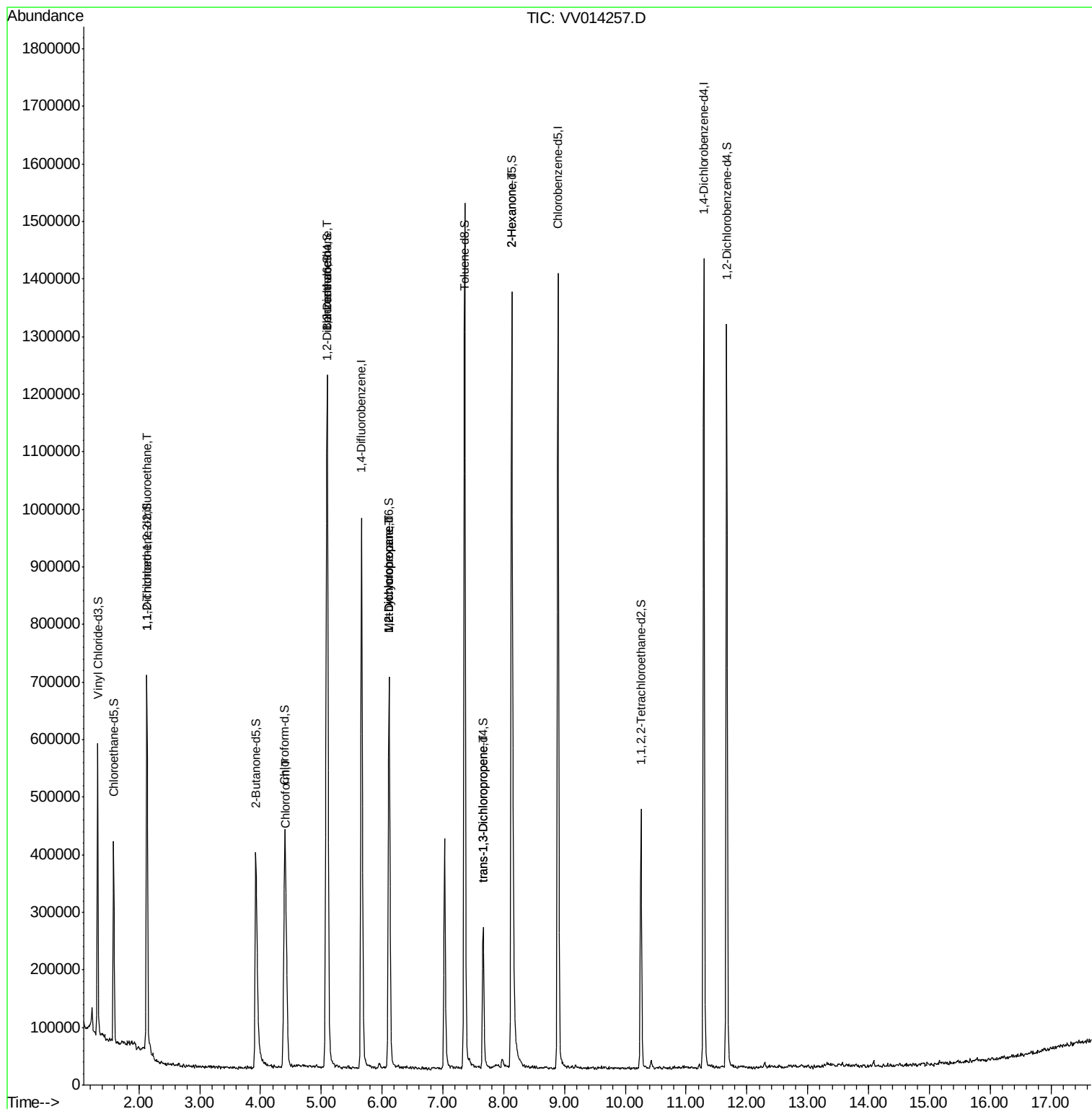
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3962	0.110	ug/L #	27
25) Chloroform	4.42	83	135162	1.330	ug/L	97
27) 1,2-Dichloroethane	5.09	62	6058	0.100	ug/L	98
35) Methylcyclohexane	6.12	83	83130	0.860	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	37690	0.649	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	7264	0.101	ug/L	87
48) 2-Hexanone	8.13	43	71049	2.806	ug/L #	67

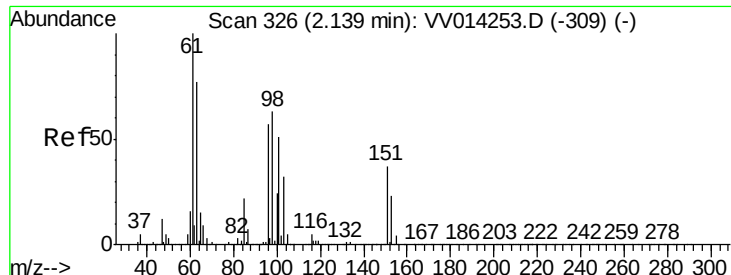
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.110 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

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Acq: 03 Jan 2020 15:52

Instrument :

MSVOA_V

ClientSampleId :

H0BR3

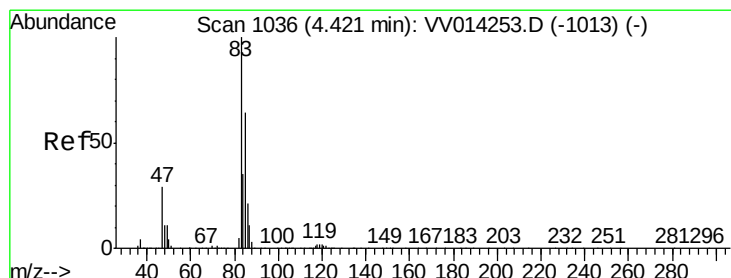
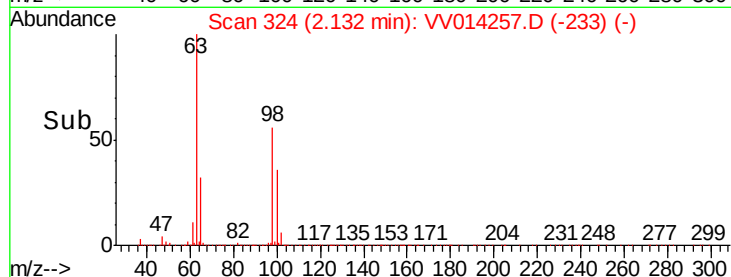
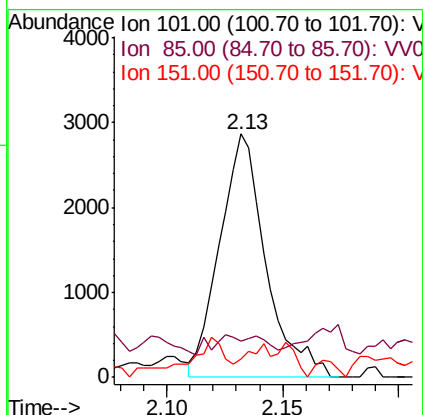
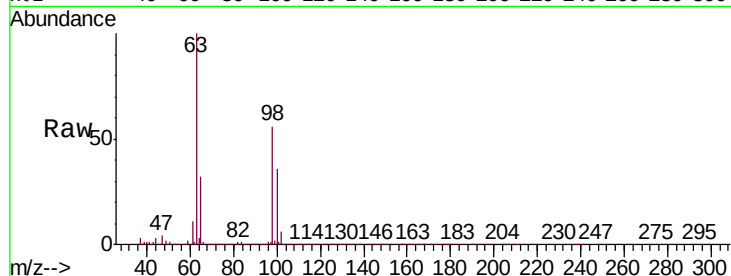
Tgt Ion: 101 Resp: 3962

Ion Ratio Lower Upper

101 100

85 5.2 34.9 52.3#

151 8.1 62.5 93.7#



#25

Chloroform

Concen: 1.330 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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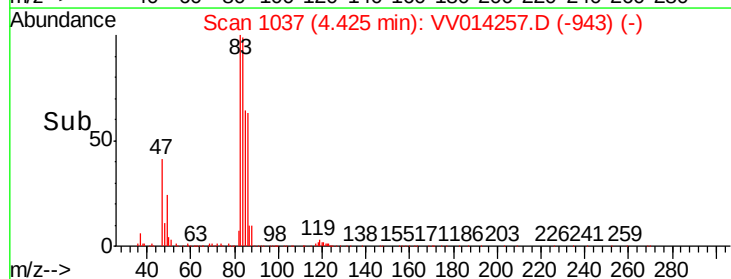
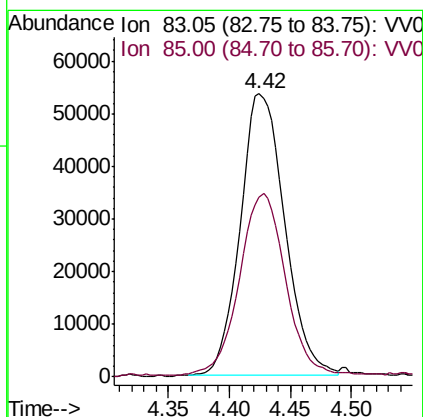
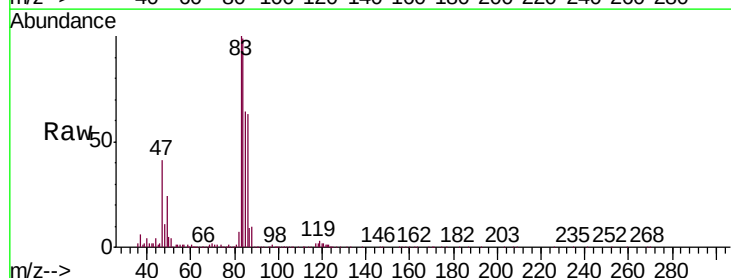
Acq: 03 Jan 2020 15:52

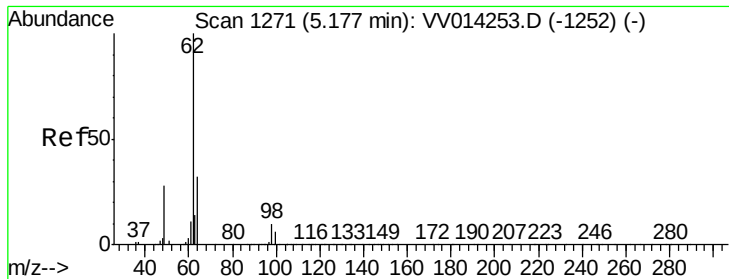
Tgt Ion: 83 Resp: 135162

Ion Ratio Lower Upper

83 100

85 63.5 46.2 85.8





#27

1,2-Dichloroethane

Concen: 0.100 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.08 min

Lab File: VV014257.D

Acq: 03 Jan 2020 15:52

Instrument :

MSVOA_V

ClientSampled :

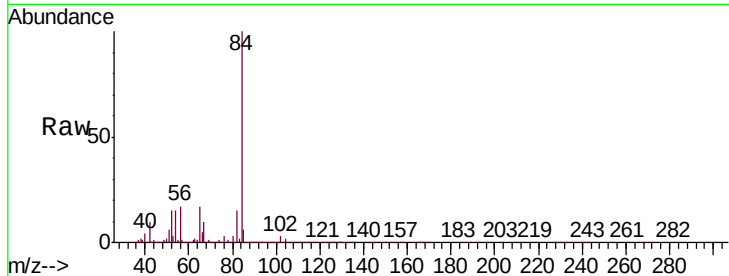
H0BR3

Tgt Ion: 62 Resp: 6058

Ion Ratio Lower Upper

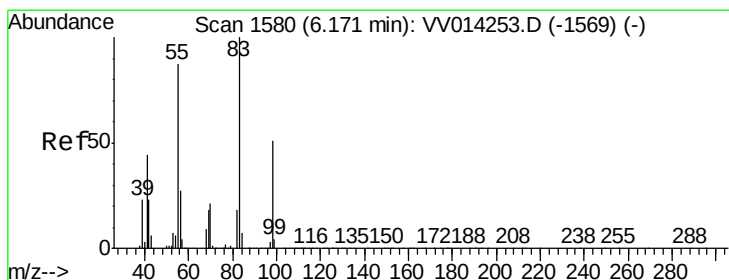
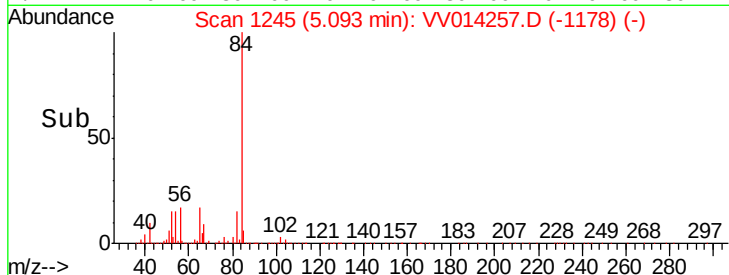
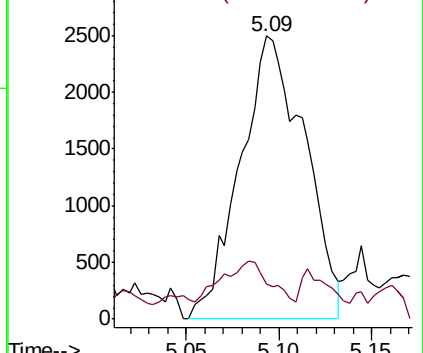
62 100

98 12.2 9.2 13.8



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



#35

Methylcyclohexane

Concen: 0.860 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV014257.D

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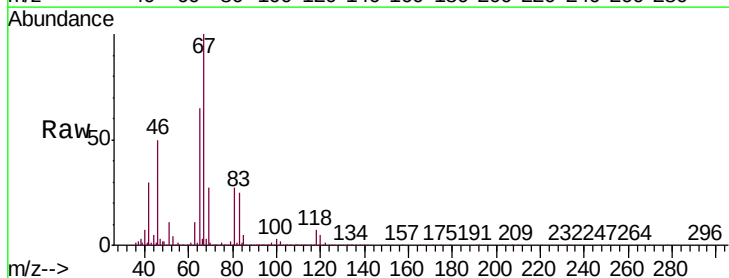
Tgt Ion: 83 Resp: 83130

Ion Ratio Lower Upper

83 100

55 0.7 61.7 92.5#

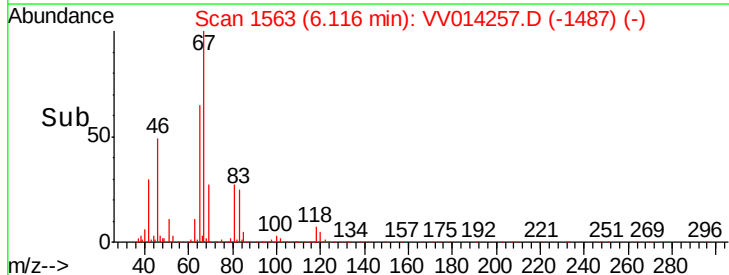
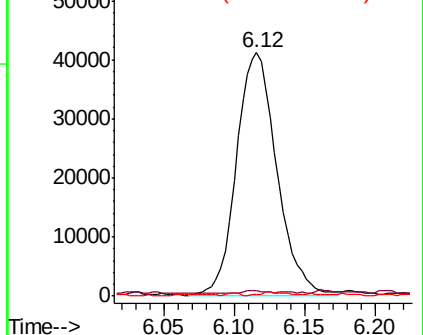
98 1.0 38.1 57.1#

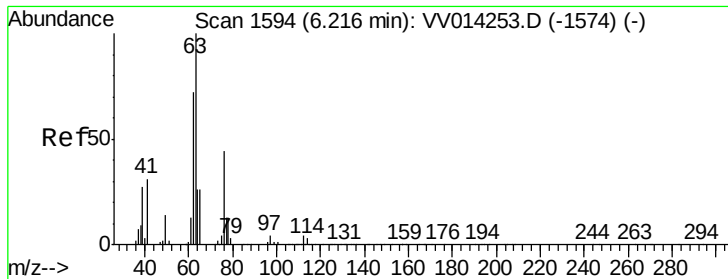


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

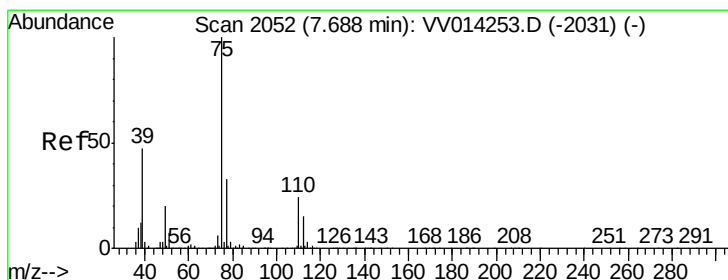
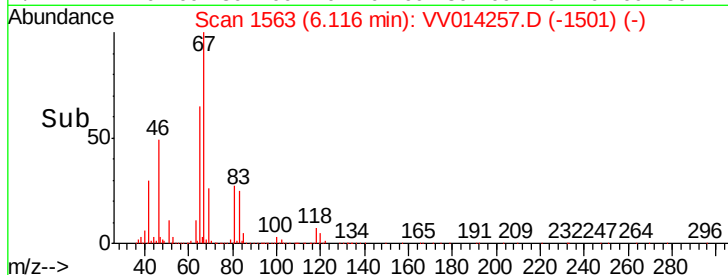
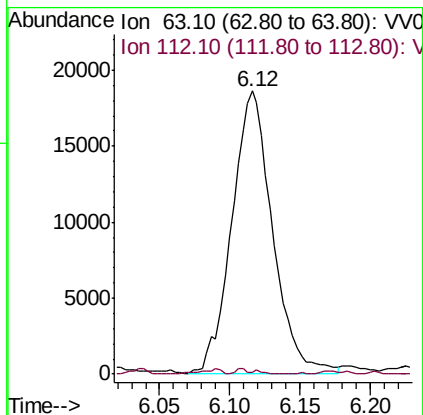
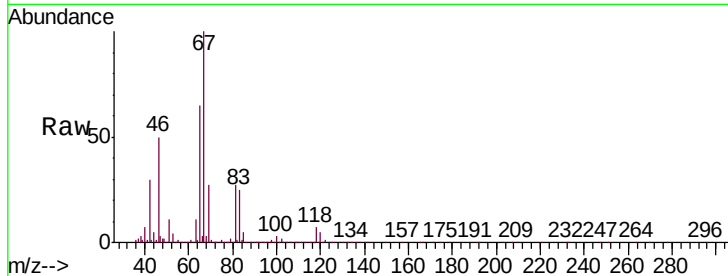




#37
 1,2-Dichloropropane
 Concen: 0.649 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV014257.D
 Acq: 03 Jan 2020 15:52

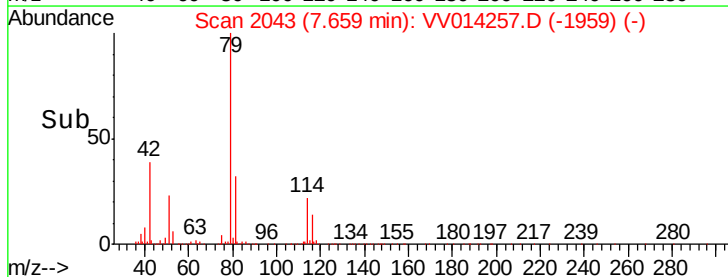
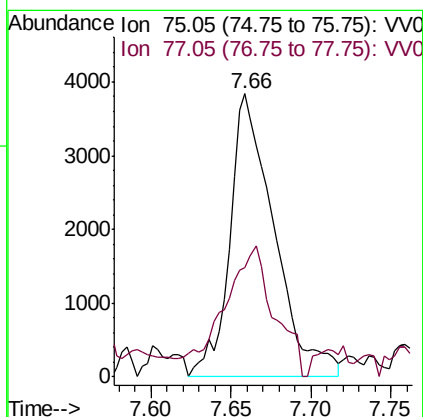
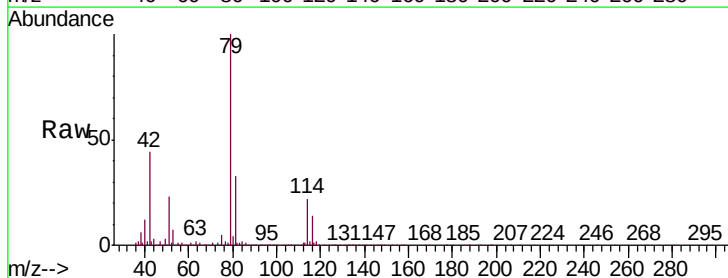
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 ClientSampleId :
 H0BR3

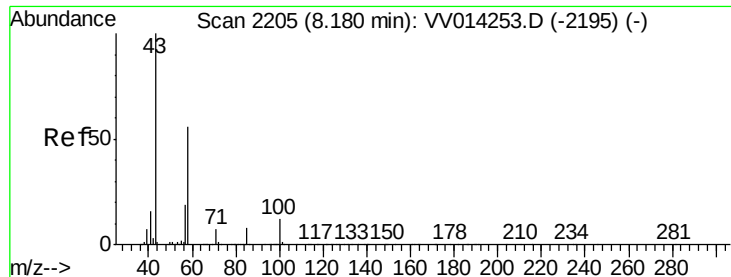
Tgt Ion: 63 Resp: 37690
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.7 5.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV014257.D
 Acq: 03 Jan 2020 15:52

Tgt Ion: 75 Resp: 7264
 Ion Ratio Lower Upper
 75 100
 77 38.7 22.0 41.0





#48
 2-Hexanone
 Concen: 2.806 ug/L
 RT: 8.13 min Scan# 2189
 Delta R.T. -0.05 min
 Lab File: VV014257.D
 Acq: 03 Jan 2020 15:52

Instrument :
 MSVOA_V
 ClientSampleId :
 H0BR3

Tgt Ion: 43 Resp: 71049
 Ion Ratio Lower Upper
 43 100
 58 25.9 45.4 68.0#
 57 23.8 15.8 23.8#
 100 0.0 10.2 15.4#

