

Data File : VV014436.D
Acq On : 30 Jan 2020 15:16
Operator : SY/MD
Sample : L1322-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XR8

Quant Time: Jan 31 07:48:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR012920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 31 07:45:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	207369	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	193128	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	88886	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	70691	5.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.00%
7) Chloroethane-d5	1.58	69	45040	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.13	63	65661	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	3.93	46	128429	53.12	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.24%
24) Chloroform-d	4.40	84	114778	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.08	65	59558	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.10	84	270602	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.11	67	80946	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.36	98	245986	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	7.66	79	32613	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.15	63	118455	47.49	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	56686	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	81849	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

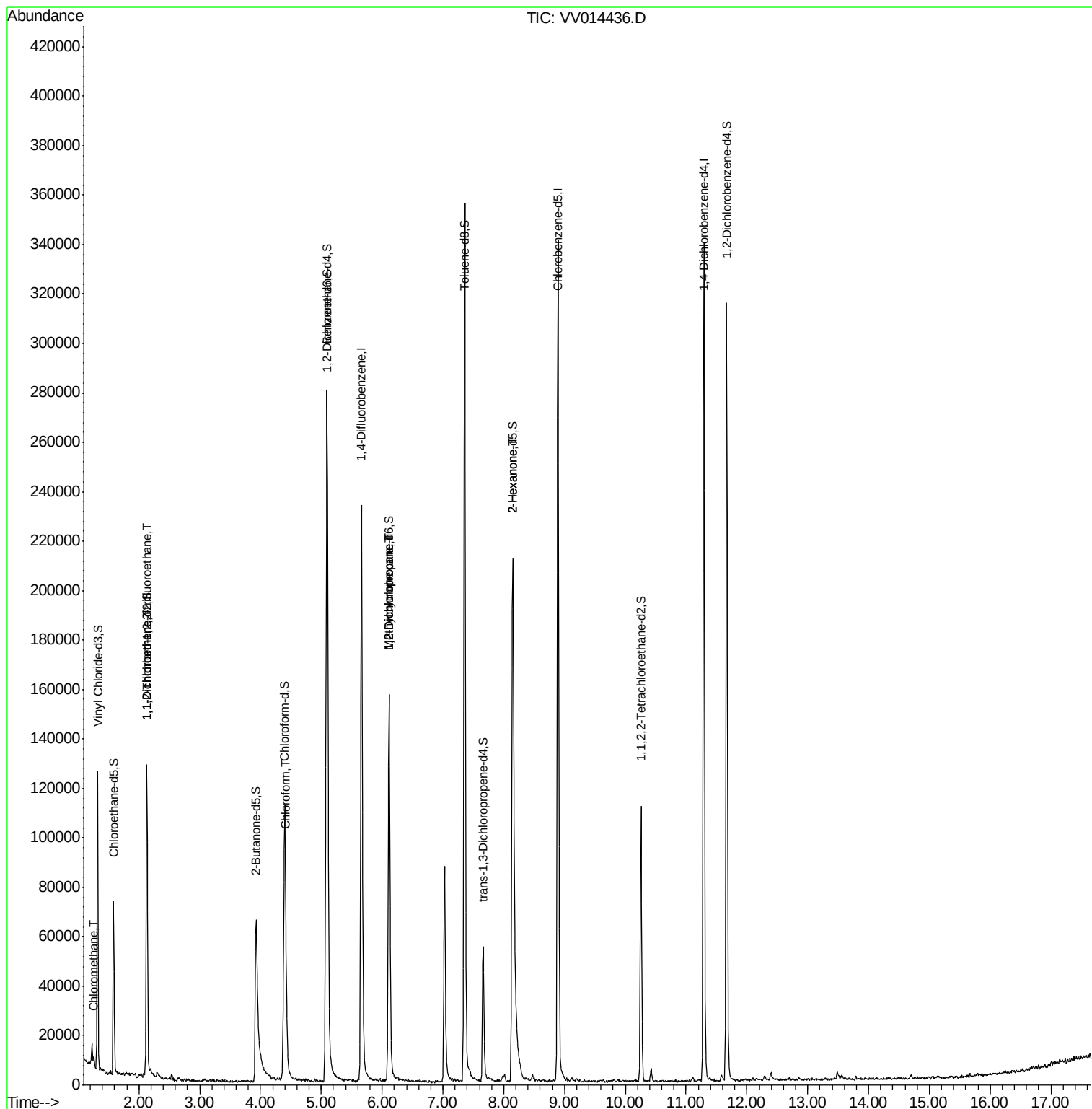
						Qvalue
3) Chloromethane	1.26	50	2618	0.203	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	660	0.072	ug/L #	24
12) 1,1-Dichloroethene	2.13	96	736	0.088	ug/L #	1
25) Chloroform	4.42	83	12261	0.463	ug/L	92
35) Methylcyclohexane	6.11	83	18994	0.696	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	8412	0.564	ug/L #	87
48) 2-Hexanone	8.14	43	12568	2.208	ug/L #	78

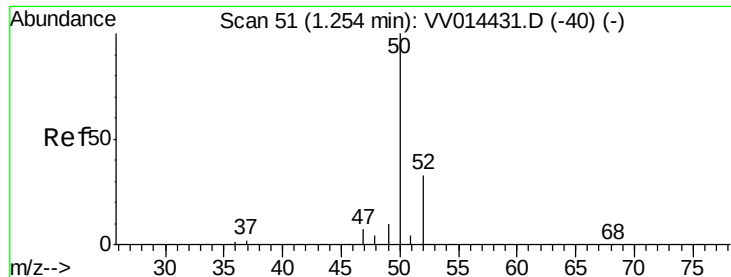
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.203 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

Lab File: VV014436.D

Acq: 30 Jan 2020 15:16

Instrument :

MSVOA_V

ClientSampled :

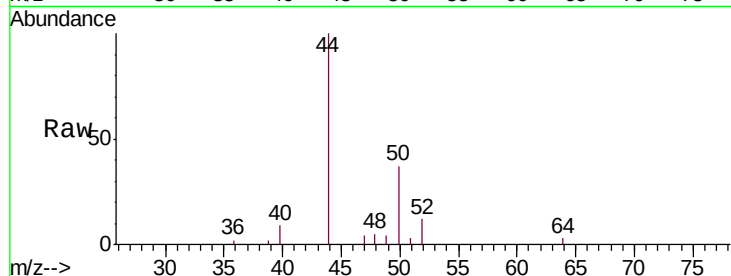
C0XR8

Tgt Ion: 50 Resp: 2618

Ion Ratio Lower Upper

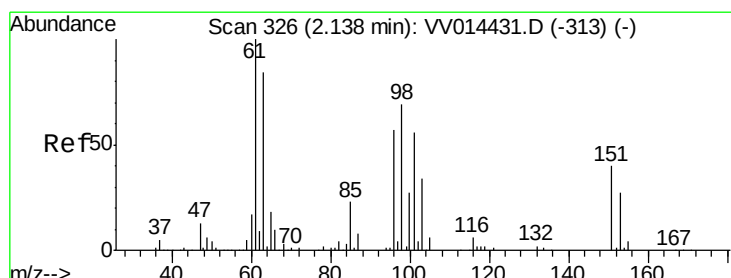
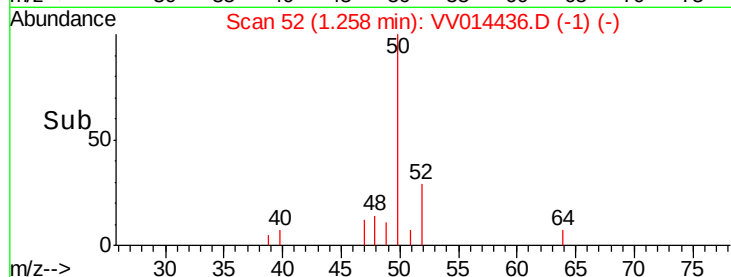
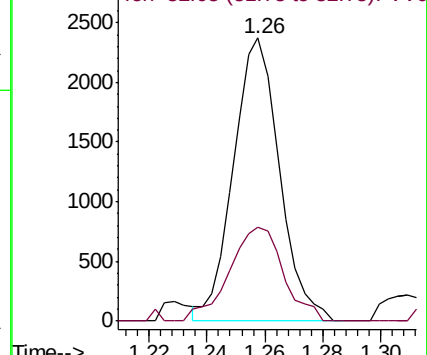
50 100

52 33.1 23.4 43.6



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#10

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

Concen: 0.072 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014436.D

Acq: 30 Jan 2020 15:16

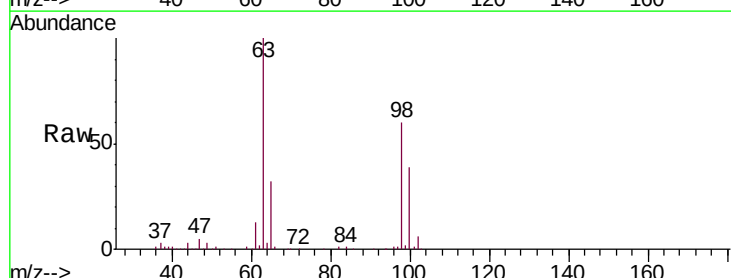
Tgt Ion: 101 Resp: 660

Ion Ratio Lower Upper

101 100

85 7.9 33.2 49.8#

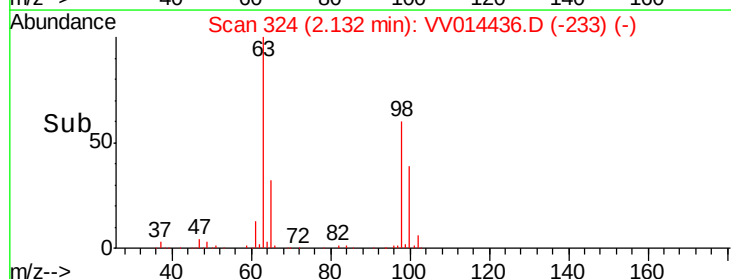
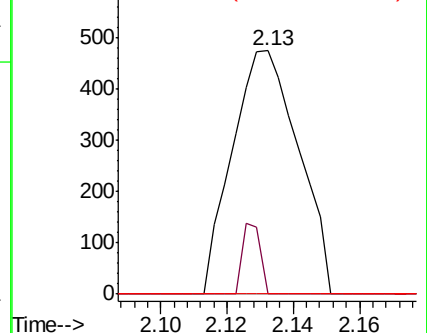
151 0.0 59.6 89.4#

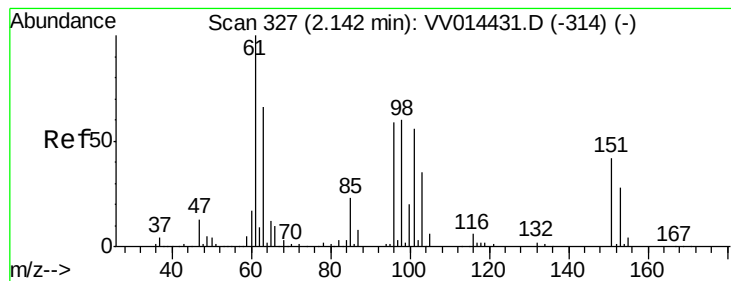


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.088 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014436.D

Acq: 30 Jan 2020 15:16

Instrument :

MSVOA_V

ClientSampled :

C0XR8

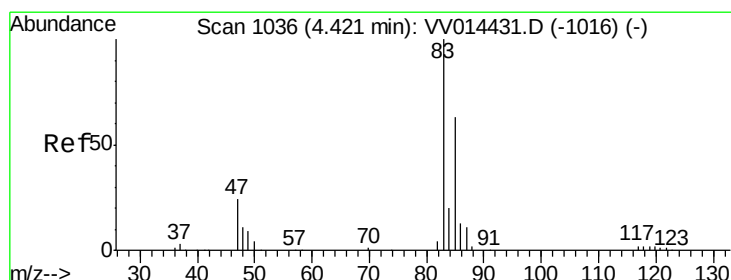
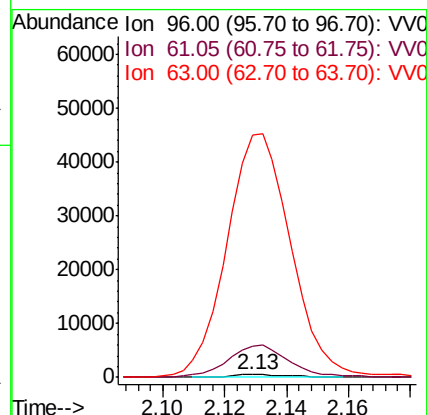
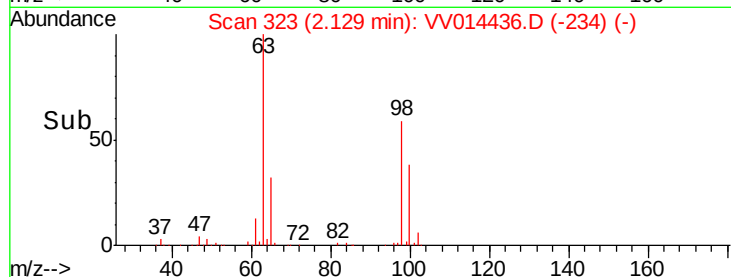
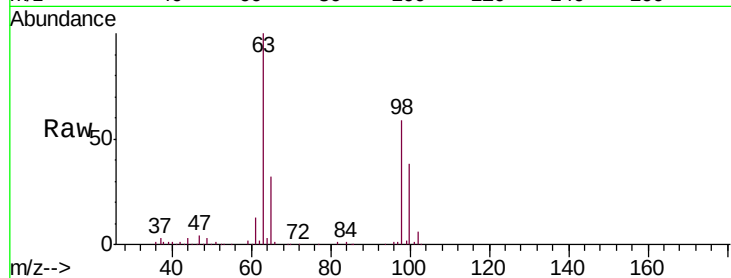
Tgt Ion: 96 Resp: 736

Ion Ratio Lower Upper

96 100

61 1083.0 120.0 223.0#

63 8323.2 82.4 153.0#



#25

Chloroform

Concen: 0.463 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VV014436.D

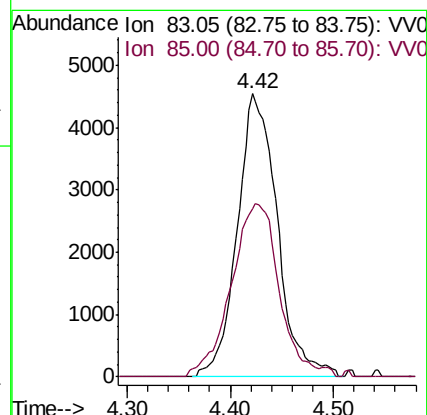
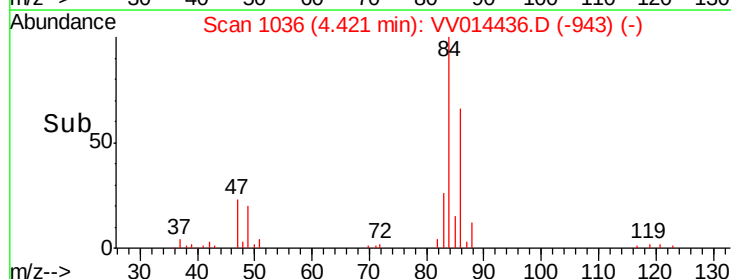
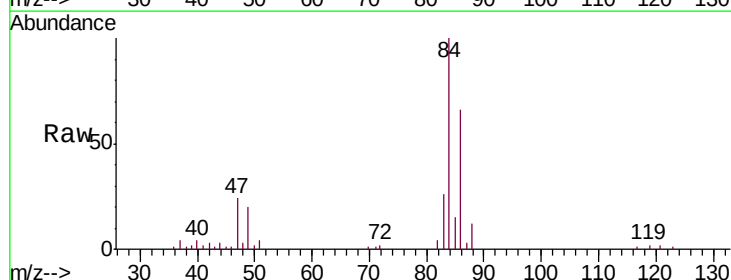
Acq: 30 Jan 2020 15:16

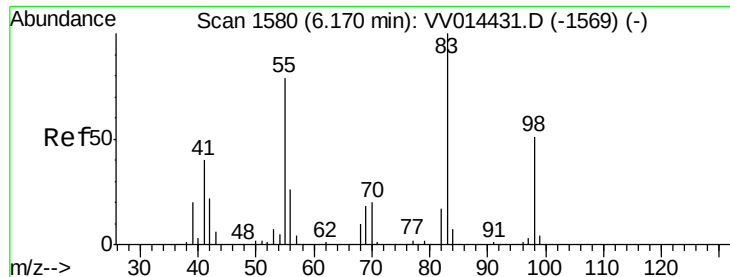
Tgt Ion: 83 Resp: 12261

Ion Ratio Lower Upper

83 100

85 59.2 45.9 85.3

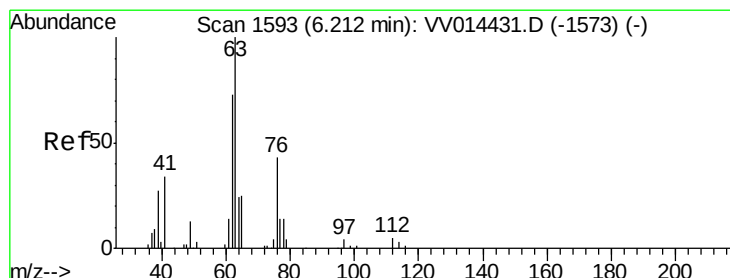
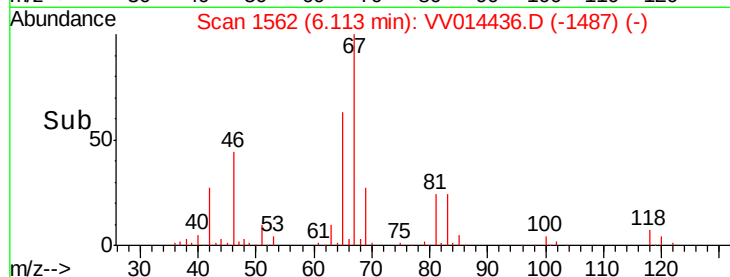
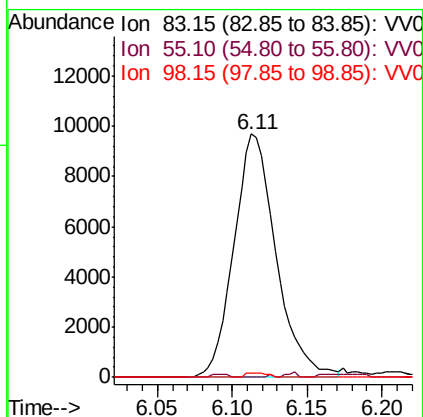
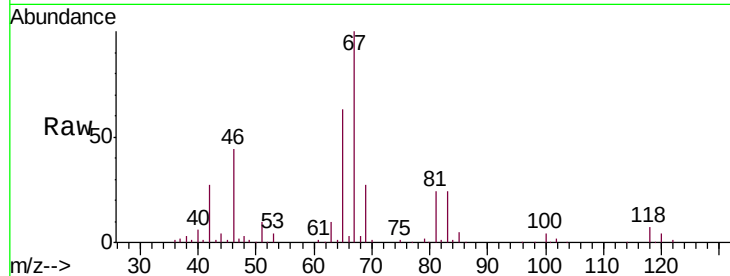




#35
Methylcyclohexane
Concen: 0.696 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014436.D
Acq: 30 Jan 2020 15:16

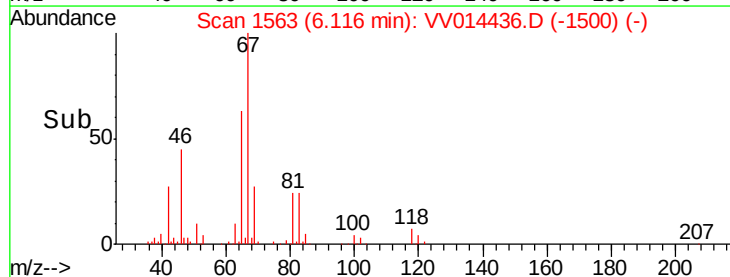
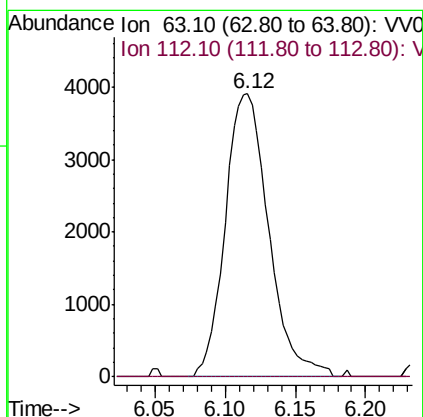
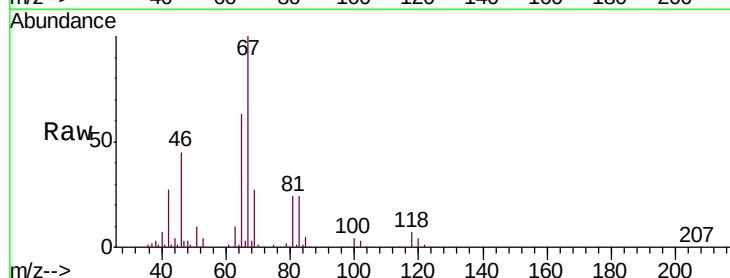
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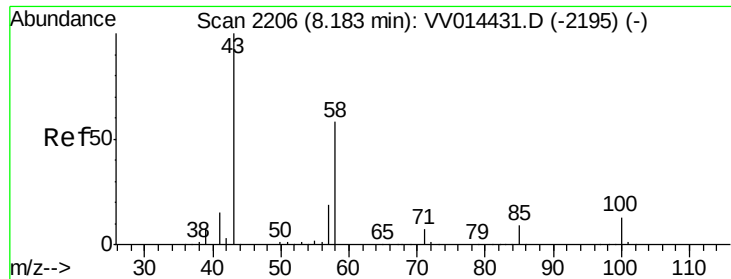
Tgt Ion: 83 Resp: 18994
Ion Ratio Lower Upper
83 100
55 0.5 61.3 91.9#
98 0.9 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 0.564 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV014436.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 63 Resp: 8412
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#48
 2-Hexanone
 Concen: 2.208 ug/L
 RT: 8.14 min Scan# 2194
 Delta R.T. -0.04 min
 Lab File: VV014436.D
 Acq: 30 Jan 2020 15:16

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XR8

Tgt Ion:	43	Resp:	12568
Ion	Ratio	Lower	Upper
43	100		
58	38.9	45.8	68.6#
57	23.7	15.4	23.0#
100	0.7	9.8	14.8#

