

Data File : VV012841.D
Acq On : 16 Sep 2019 17:23
Operator : SY/MD
Sample : K4780-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0BM3RE

Quant Time: Sep 17 07:25:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 17 07:22:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	394207	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	396144	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	151947	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	167451	6.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.60%
7) Chloroethane-d5	1.58	69	150120	7.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	140.20%#
11) 1,1-Dichloroethene-d2	2.13	63	213787	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.60%
20) 2-Butanone-d5	3.97	46	435352	115.36	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	230.72%#
24) Chloroform-d	4.40	84	306295	7.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	142.80%#
26) 1,2-Dichloroethane-d4	5.08	65	160515	8.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	162.60%#
32) Benzene-d6	5.09	84	613738	7.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	141.80%#
36) 1,2-Dichloropropane-d6	6.12	67	195534	7.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	148.40%#
41) Toluene-d8	7.36	98	483655	6.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.40%
43) trans-1,3-Dichloropropene-	7.66	79	62755	7.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	147.60%#
46) 2-Hexanone-d5	8.14	63	215812	90.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	180.94%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	114713	7.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	158.40%#
64) 1,2-Dichlorobenzene-d4	11.67	152	175444	8.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	166.60%#

Target Compounds

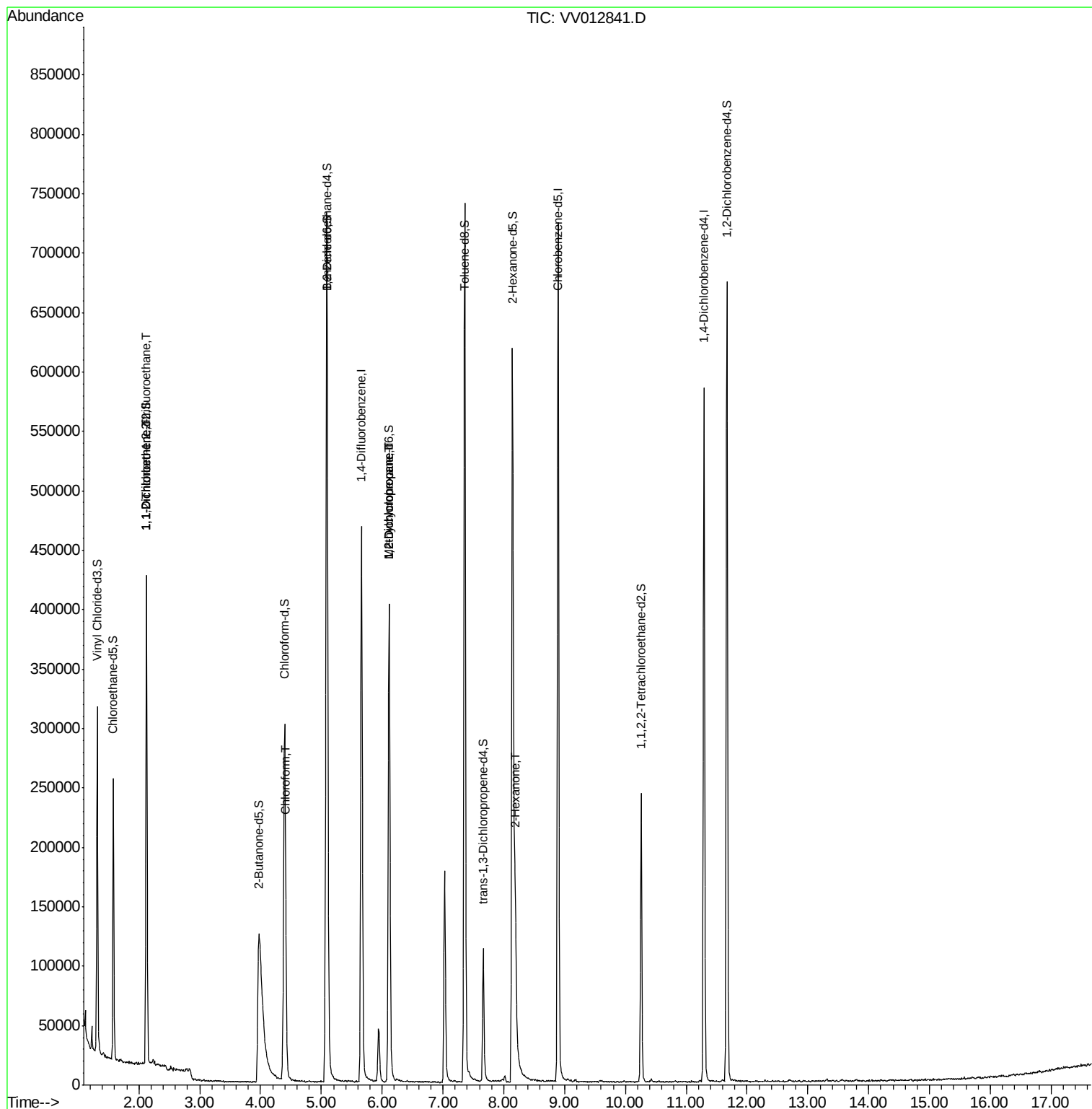
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1960	0.084	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	2094	0.097	ug/L #	1
25) Chloroform	4.42	83	9702	0.179	ug/L	96
35) Methylcyclohexane	6.12	83	45549	1.298	ug/L #	17
37) 1,2-Dichloropropane	6.11	63	20911	0.776	ug/L #	86
48) 2-Hexanone	8.19	43	89175	7.855	ug/L #	84

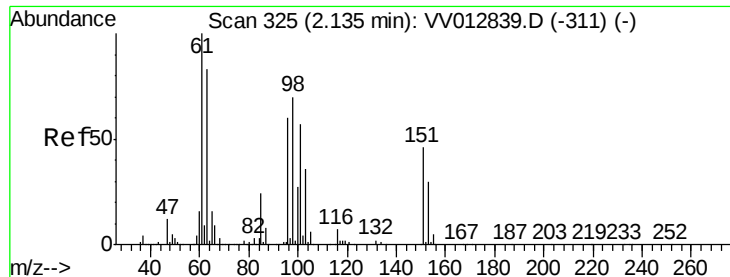
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.084 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

H0BM3RE

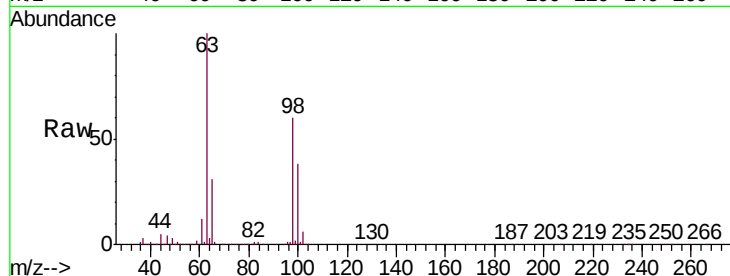
Tgt Ion: 101 Resp: 1960

Ion Ratio Lower Upper

101 100

85 1.1 32.9 49.3#

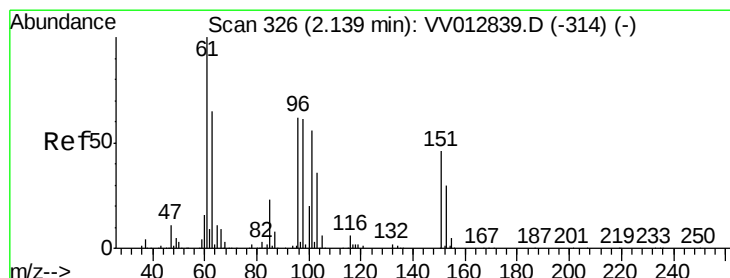
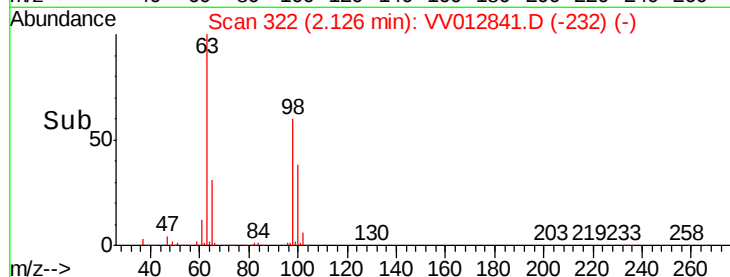
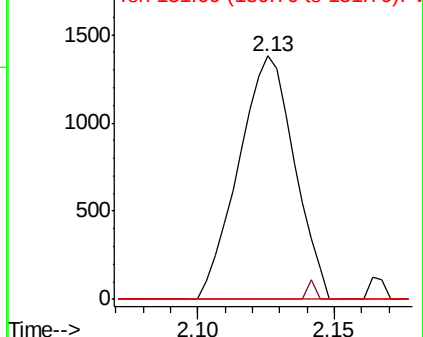
151 0.0 65.0 97.6#



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: 0.097 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012841.D

Acq: 16 Sep 2019 17:23

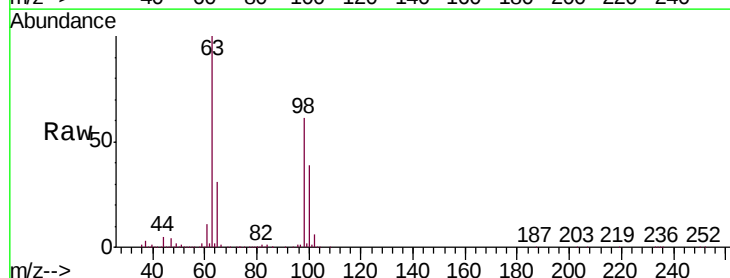
Tgt Ion: 96 Resp: 2094

Ion Ratio Lower Upper

96 100

61 1360.2 120.1 223.1#

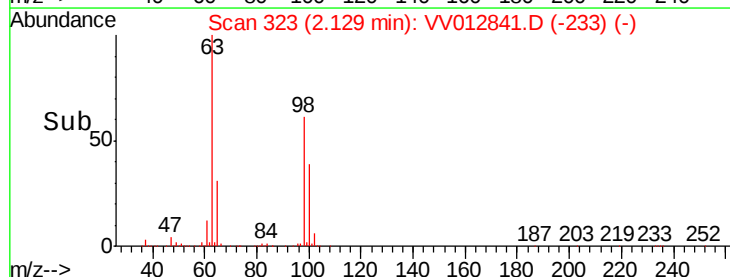
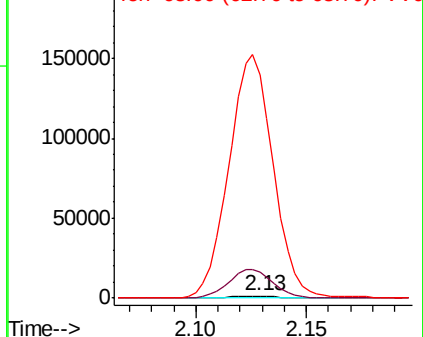
63 11829.2 88.3 164.1#

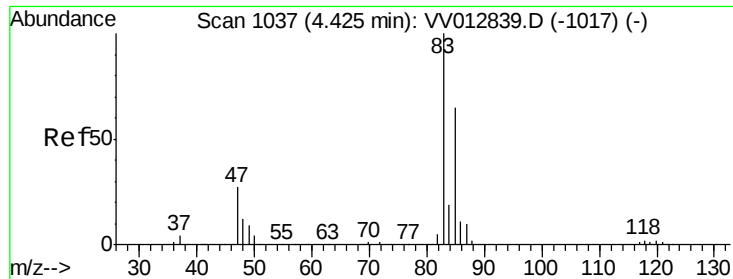


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

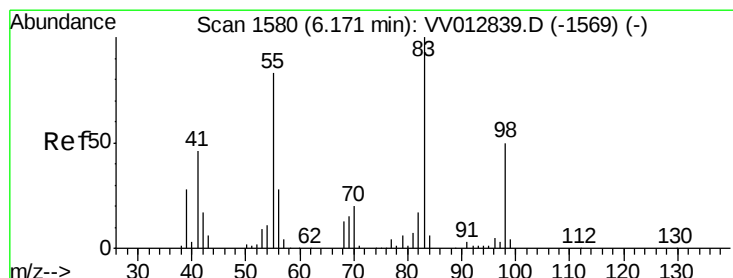
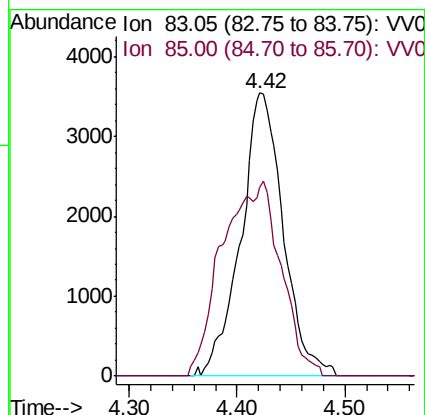
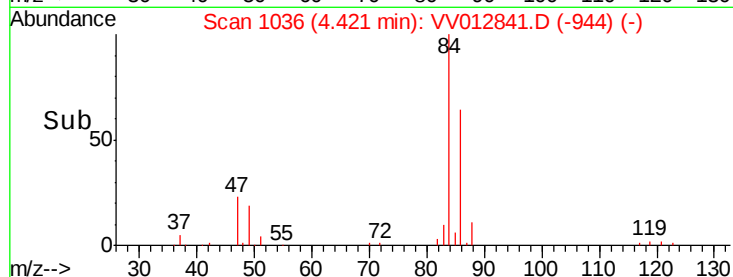
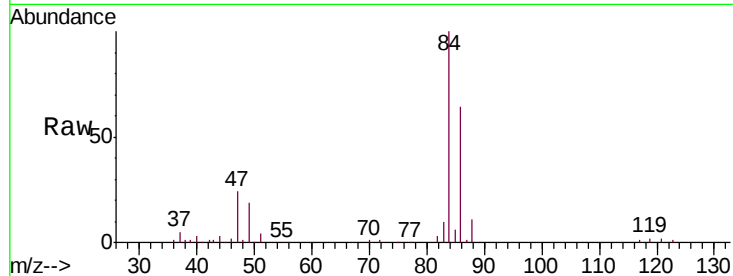




#25
Chloroform
Concen: 0.179 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
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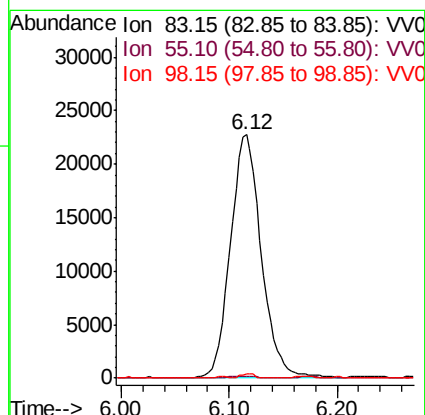
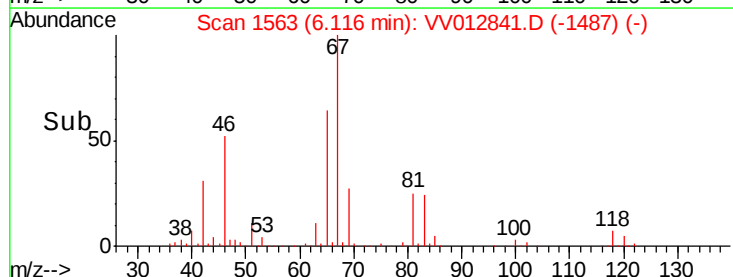
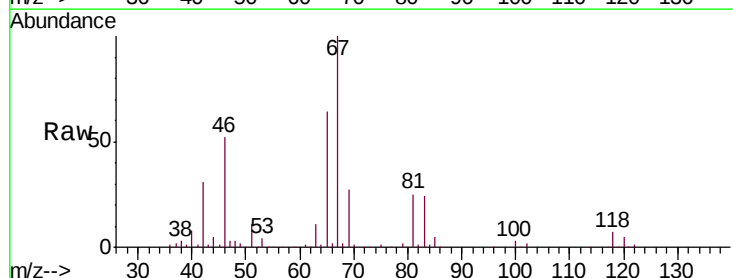
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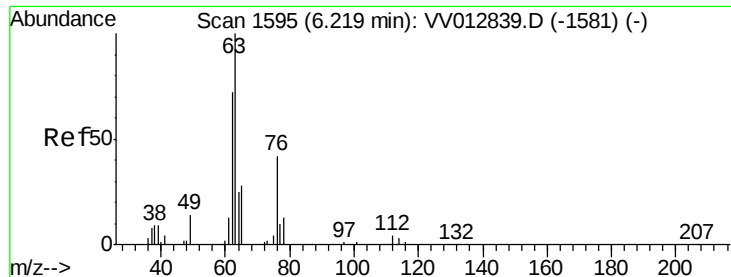
Tgt Ion: 83 Resp: 9702
Ion Ratio Lower Upper
83 100
85 66.6 44.4 82.5



#35
Methylcyclohexane
Concen: 1.298 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012841.D
Acq: 16 Sep 2019 17:23

Tgt Ion: 83 Resp: 45549
Ion Ratio Lower Upper
83 100
55 0.6 65.4 98.2#
98 0.7 39.0 58.4#

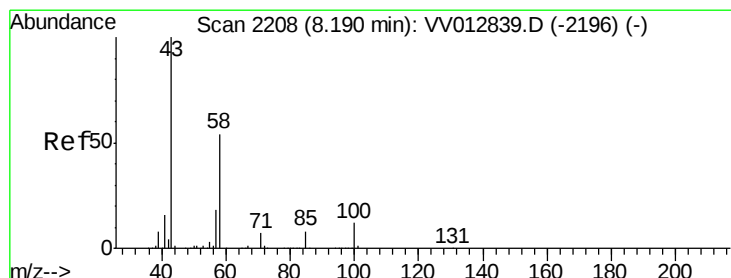
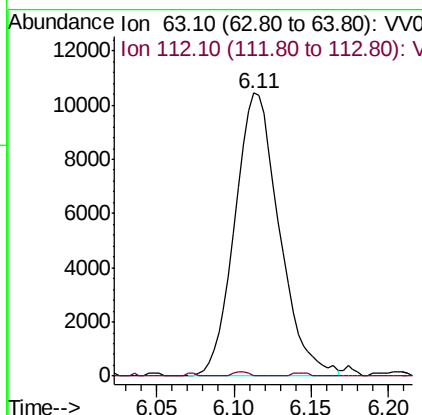
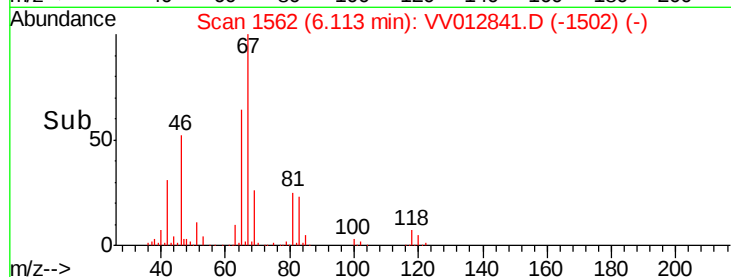
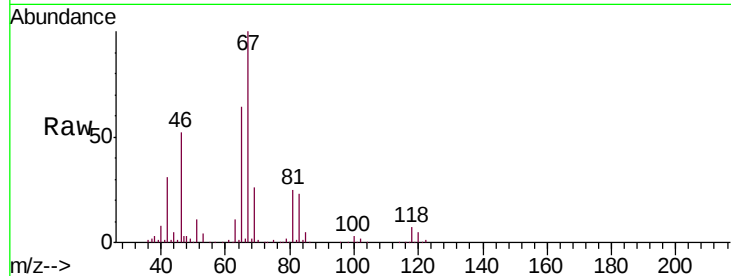




#37
 1,2-Dichloropropane
 Concen: 0.776 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV012841.D
 Acq: 16 Sep 2019 17:23

Instrument :
 MSVOA_V
 ClientSampleId :
 H0BM3RE

Tgt Ion: 63 Resp: 20911
 Ion Ratio Lower Upper
 63 100
 112 0.5 4.2 6.2#



#48
 2-Hexanone
 Concen: 7.855 ug/L
 RT: 8.19 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VV012841.D
 Acq: 16 Sep 2019 17:23

Tgt Ion: 43 Resp: 89175
 Ion Ratio Lower Upper
 43 100
 58 41.0 44.8 67.2#
 57 14.7 15.0 22.6#
 100 8.5 8.8 13.2#

