

Data File : VV011278.D
Acq On : 07 Jun 2019 07:46
Operator : SY/MD
Sample : K3228-02
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P01

Quant Time: Jun 07 08:15:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 08:11:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	156099	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	144133	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61398	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53217	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.56	69	44176	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.12	63	86673	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	3.94	46	159154	59.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.54%
24) Chloroform-d	4.40	84	104640	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.08	65	58387	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.09	84	208692	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.12	67	64808	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.36	98	184049	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.66	79	19522	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.13	63	124026	57.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47070	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	61284	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

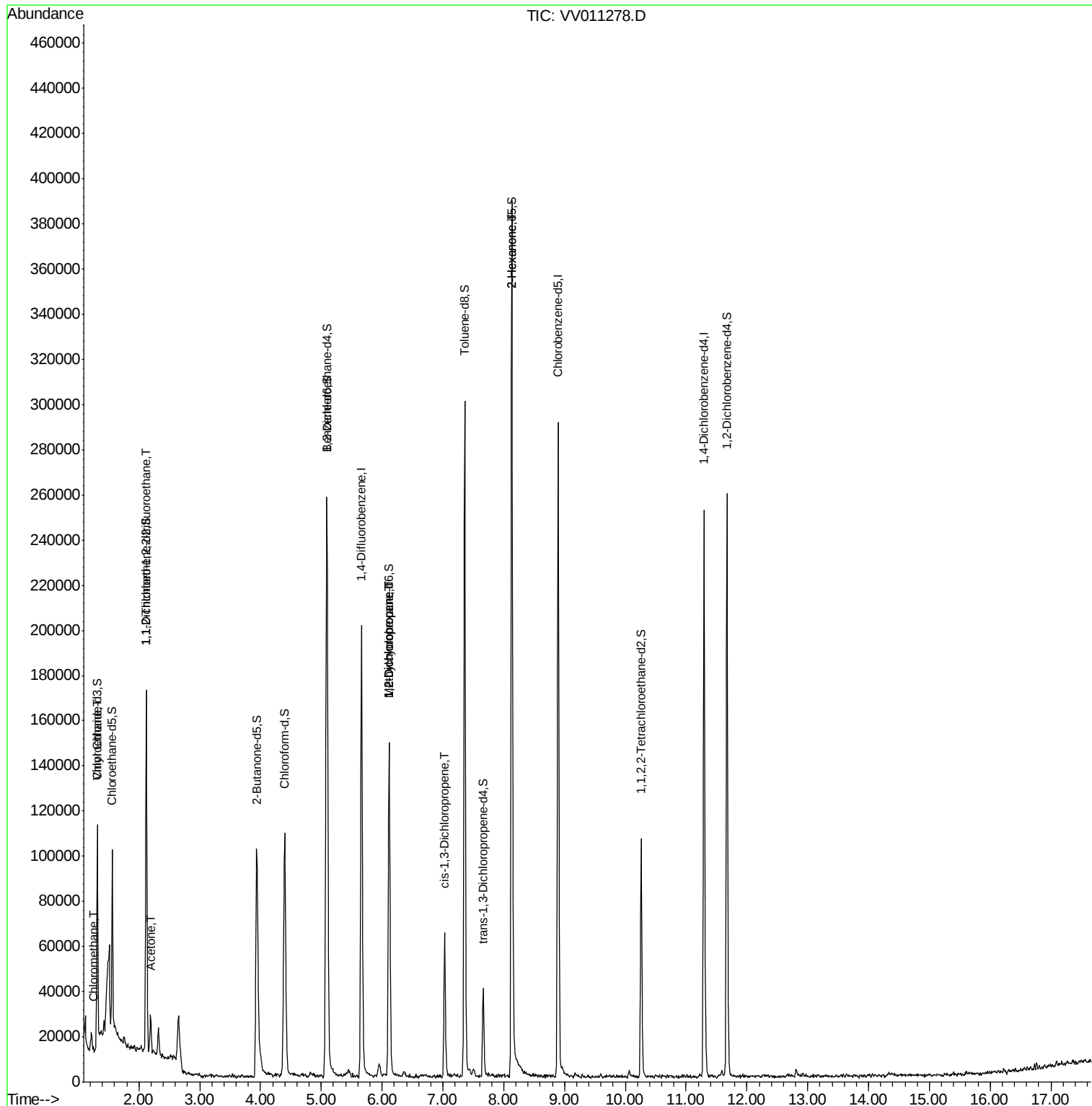
						Qvalue
3) Chloromethane	1.25	50	1214	0.082	ug/L	83
8) Chloroethane	1.32	64	4433	0.483	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	916	0.091	ug/L #	29
13) Acetone	2.19	43	10196	5.711	ug/L	94
35) Methylcyclohexane	6.12	83	15144	0.773	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8224	0.720	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1753	0.105	ug/L	90
48) 2-Hexanone	8.13	43	16846	3.323	ug/L #	71

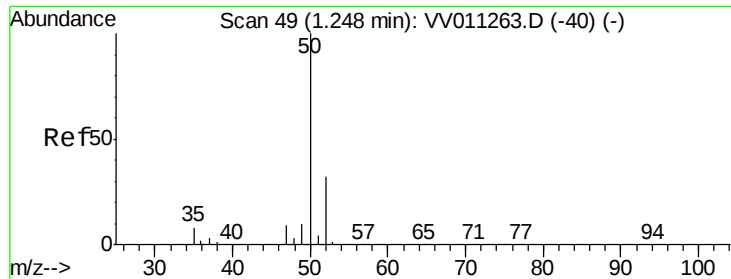
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.082 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011278.D

Acq: 07 Jun 2019 07:46

Instrument :

MSVOA_V

ClientSampled :

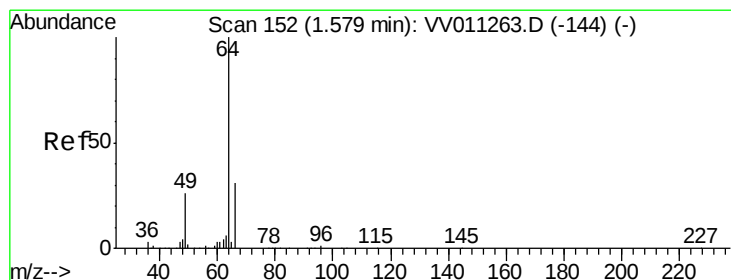
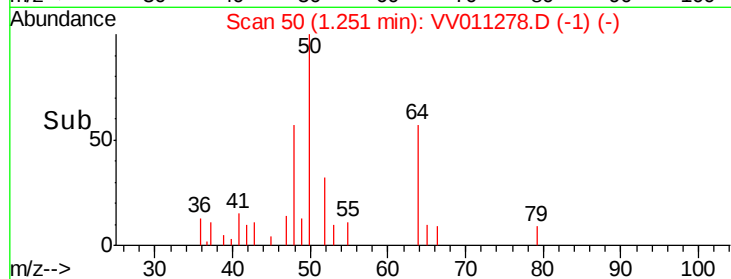
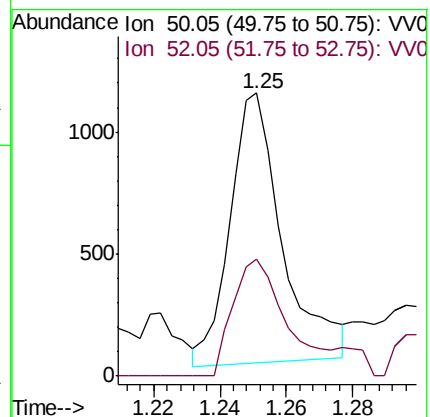
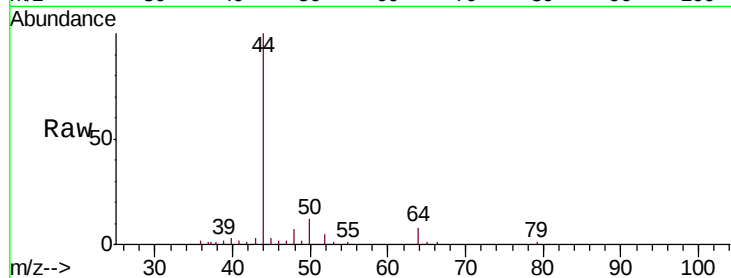
F9P01

Tgt Ion: 50 Resp: 1214

Ion Ratio Lower Upper

50 100

52 41.2 22.3 41.5



#8

Chloroethane

Concen: 0.483 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.26 min

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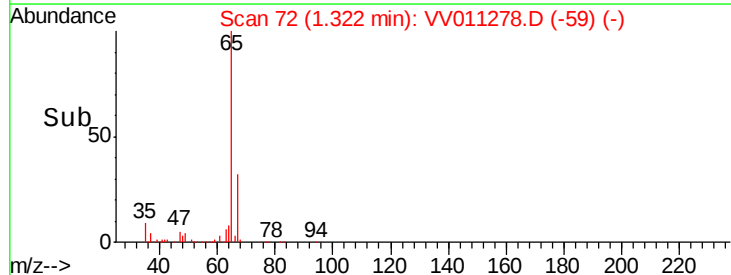
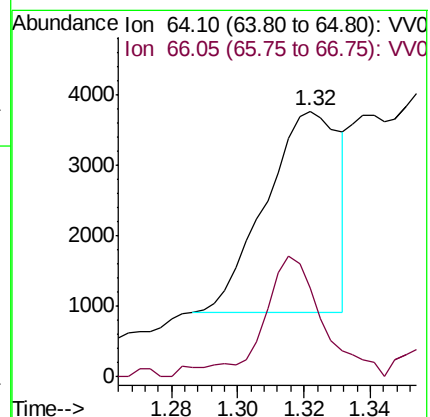
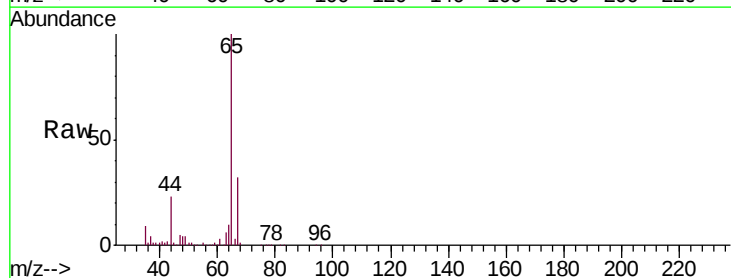
Acq: 07 Jun 2019 07:46

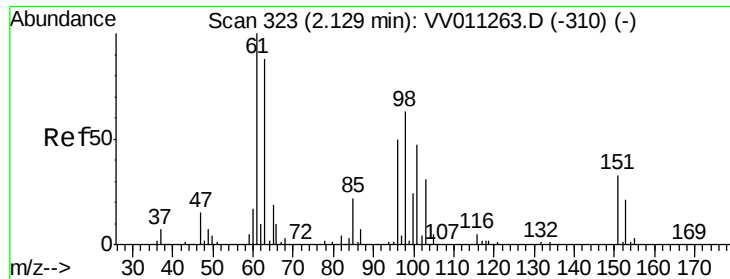
Tgt Ion: 64 Resp: 4433

Ion Ratio Lower Upper

64 100

66 33.3 19.4 36.0





#10

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

Concen: 0.091 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

F9P01

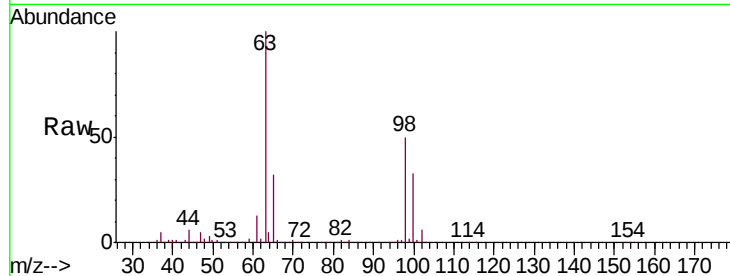
Tgt Ion:101 Resp: 916

Ion Ratio Lower Upper

101 100

85 13.0 35.5 53.3#

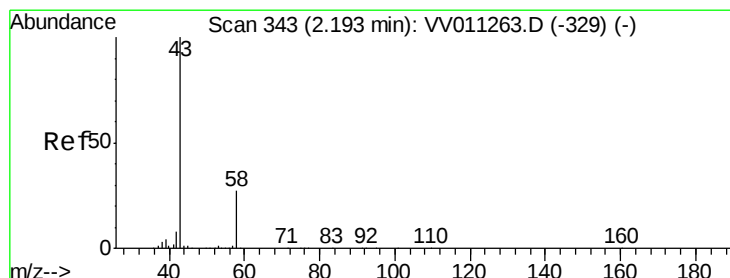
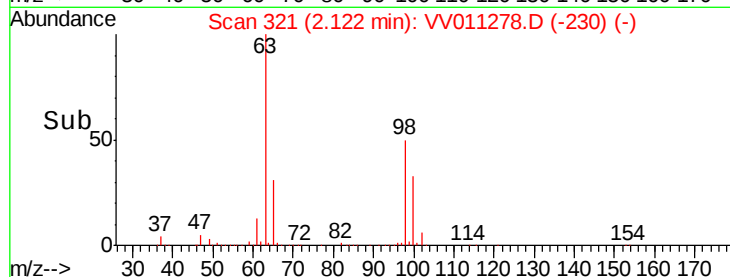
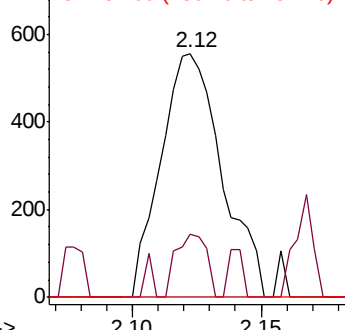
151 0.0 56.9 85.3#



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



#13

Acetone

Concen: 5.711 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

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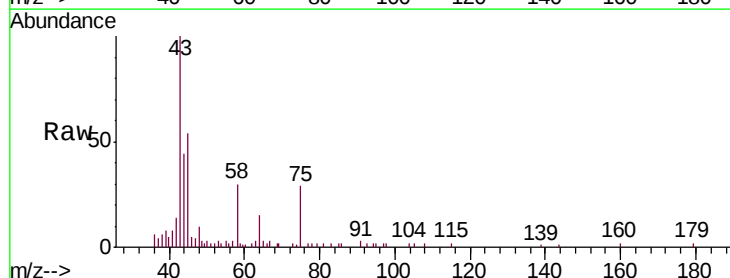
Acq: 07 Jun 2019 07:46

Tgt Ion: 43 Resp: 10196

Ion Ratio Lower Upper

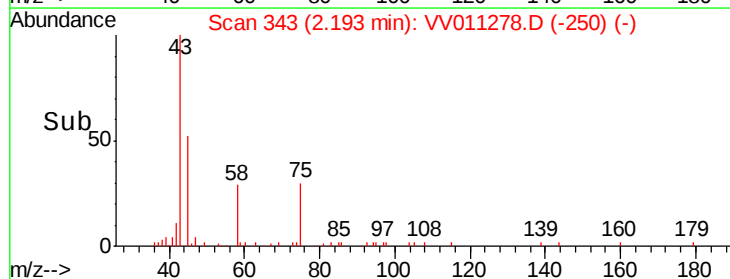
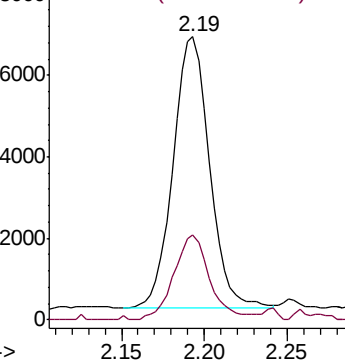
43 100

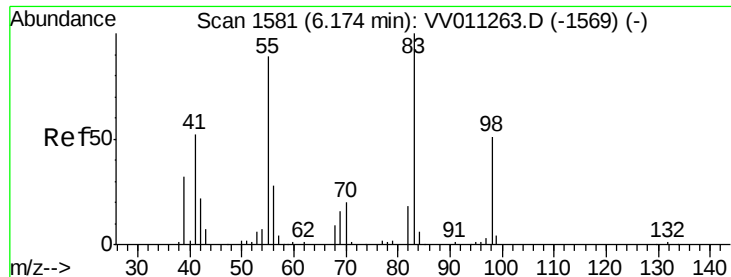
58 31.0 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

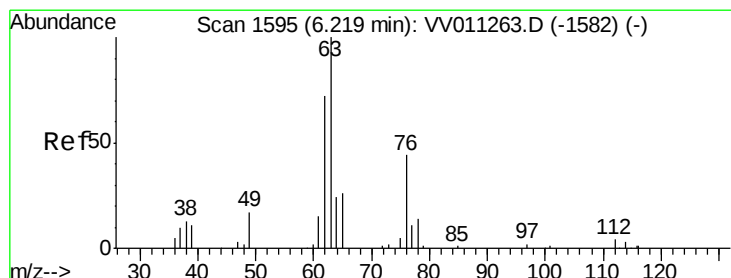
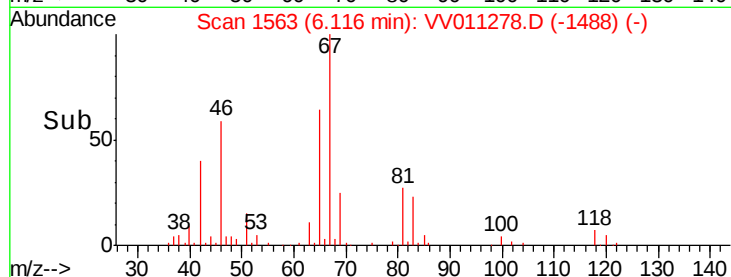
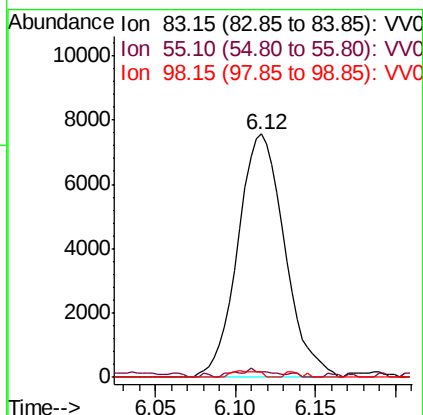
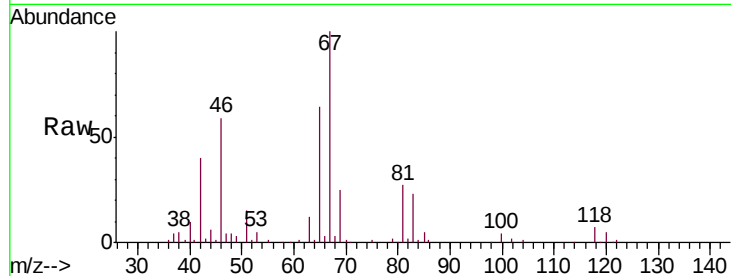




#35
Methylcyclohexane
Concen: 0.773 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011278.D
Acq: 07 Jun 2019 07:46

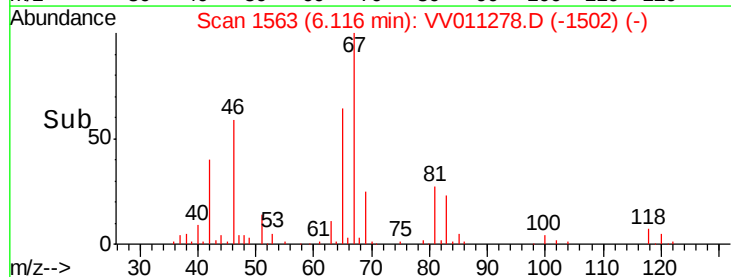
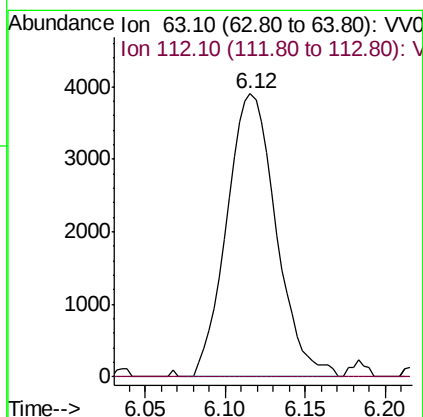
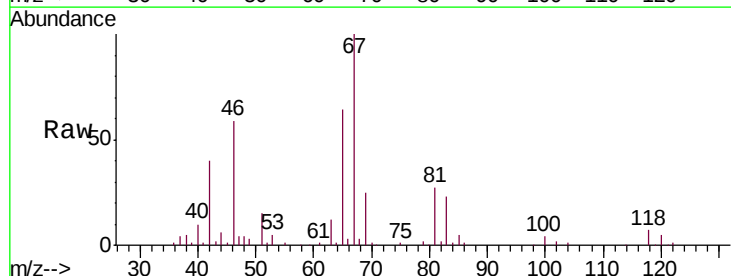
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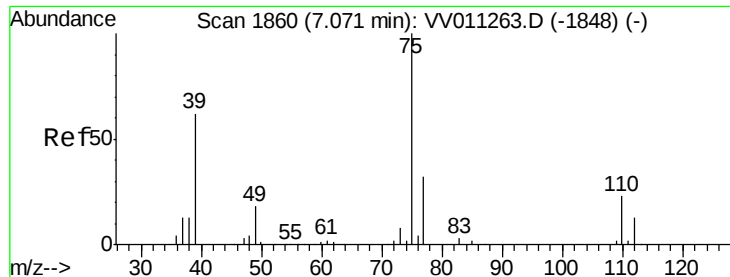
Tgt Ion: 83 Resp: 15144
Ion Ratio Lower Upper
83 100
55 2.4 67.0 100.6#
98 1.5 40.0 60.0#



#37
1,2-Dichloropropane
Concen: 0.720 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011278.D
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Tgt Ion: 63 Resp: 8224
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

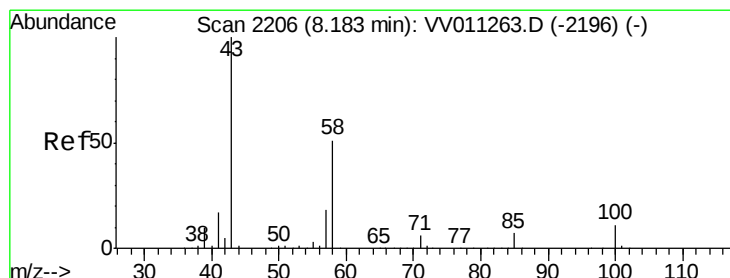
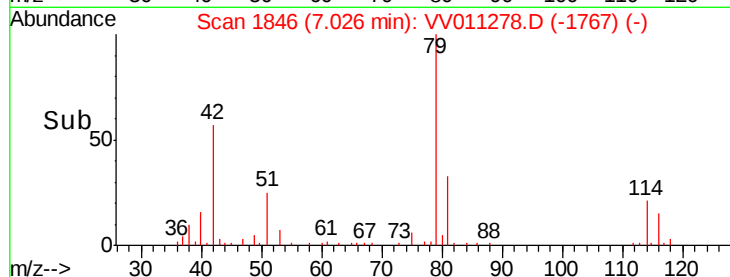
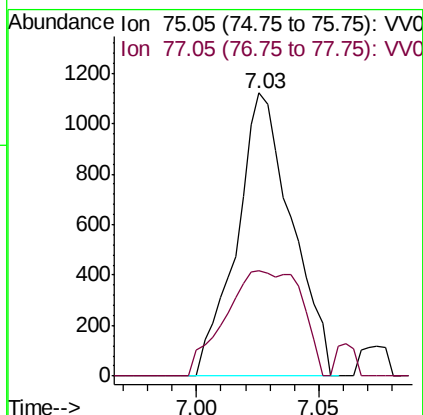
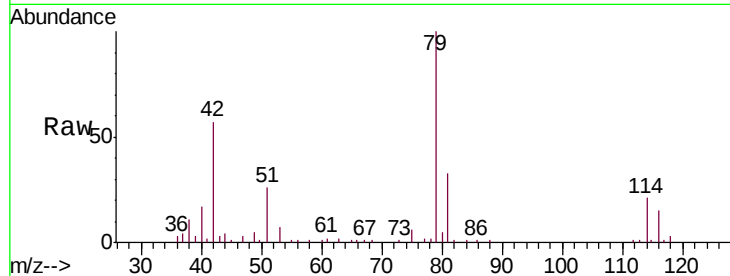




#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV011278.D
 Acq: 07 Jun 2019 07:46

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P01

Tgt Ion: 75 Resp: 1753
 Ion Ratio Lower Upper
 75 100
 77 37.0 22.2 41.2



#48
 2-Hexanone
 Concen: 3.323 ug/L
 RT: 8.13 min Scan# 2190
 Delta R.T. -0.05 min
 Lab File: VV011278.D
 Acq: 07 Jun 2019 07:46

Tgt Ion: 43 Resp: 16846
 Ion Ratio Lower Upper
 43 100
 58 26.3 41.4 62.0#
 57 23.0 15.0 22.4#
 100 0.1 9.0 13.4#

