

Data File : VV012817.D
Acq On : 16 Sep 2019 00:34
Operator : SY/MD
Sample : K4832-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JZ8

Quant Time: Sep 16 08:20:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 08:14:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	403312	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	401968	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	142864	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	210703	7.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	154.00%#
7) Chloroethane-d5	1.58	69	176120	7.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	155.60%#
11) 1,1-Dichloroethene-d2	2.13	63	262086	5.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	118.60%
20) 2-Butanone-d5	3.98	46	428427	65.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.16%#
24) Chloroform-d	4.40	84	337760	6.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	135.80%#
26) 1,2-Dichloroethane-d4	5.08	65	177315	7.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	149.00%#
32) Benzene-d6	5.09	84	686215	7.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	142.80%#
36) 1,2-Dichloropropane-d6	6.12	67	211985	6.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	139.00%
41) Toluene-d8	7.36	98	550287	6.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	127.80%
43) trans-1,3-Dichloropropene-	7.66	79	64264	6.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	122.60%
46) 2-Hexanone-d5	8.14	63	225260	56.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	123301	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	179910	7.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	147.20%#

Target Compounds

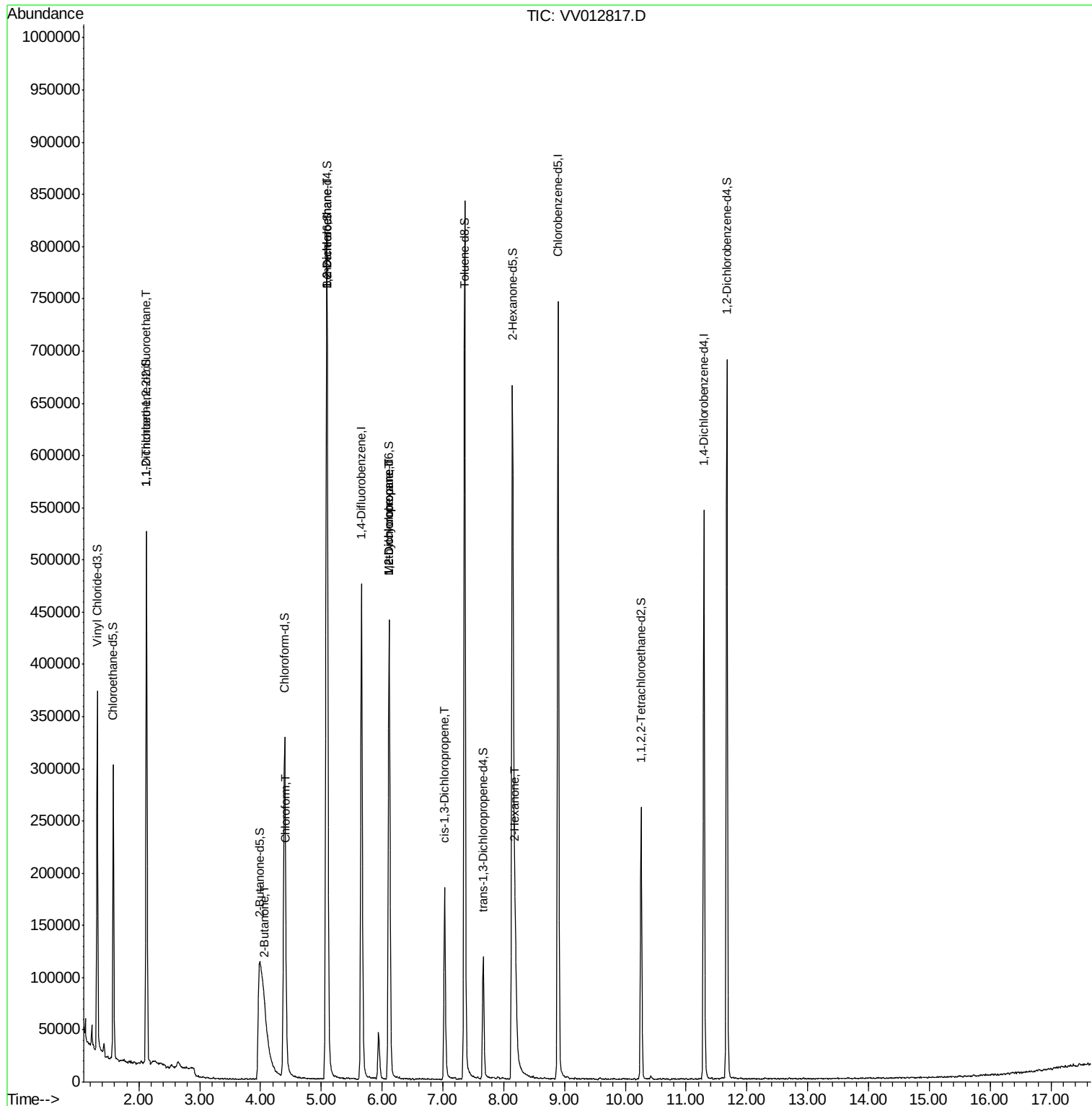
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2720	0.103	ug/L #	19
21) 2-Butanone	4.07	43	32759	4.950	ug/L #	50
25) Chloroform	4.42	83	6133	0.105	ug/L #	73
27) 1,2-Dichloroethane	5.09	62	3848	0.126	ug/L	98
35) Methylcyclohexane	6.12	83	50554	1.102	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	23634	0.808	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	4519	0.118	ug/L	86
48) 2-Hexanone	8.19	43	89291	7.693	ug/L #	82

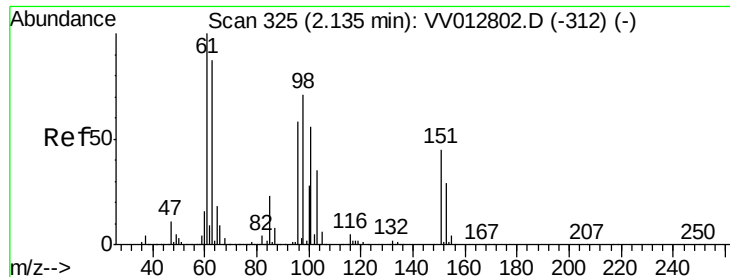
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.103 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

C0JZ8

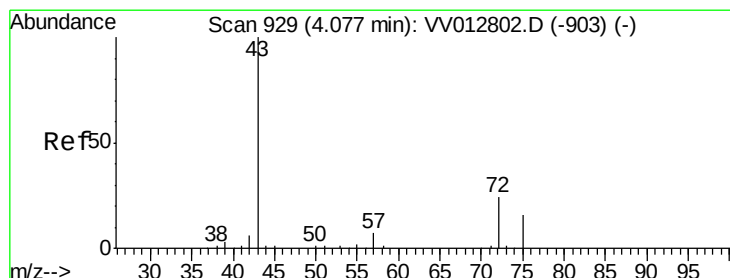
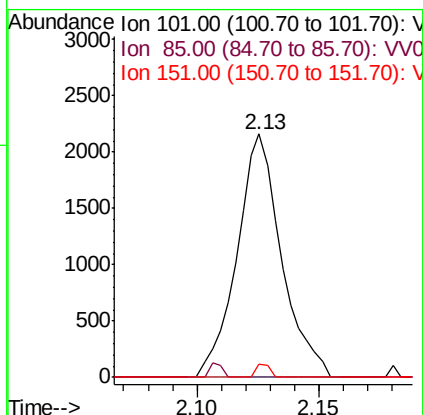
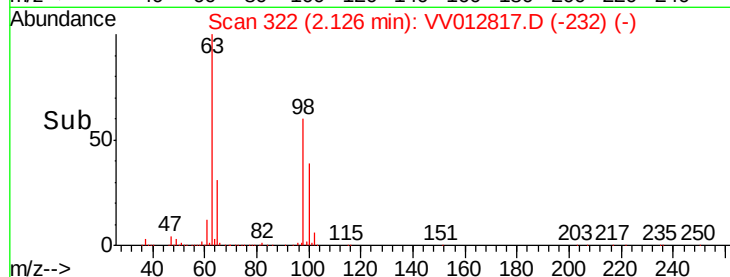
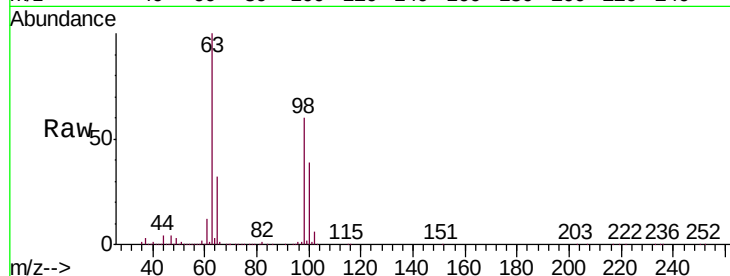
Tgt Ion: 101 Resp: 2720

Ion Ratio Lower Upper

101 100

85 1.7 33.0 49.6#

151 1.6 65.8 98.8#



#21

2-Butanone

Concen: 4.950 ug/L

RT: 4.07 min Scan# 928

Delta R.T. -0.00 min

Lab File: VV012817.D

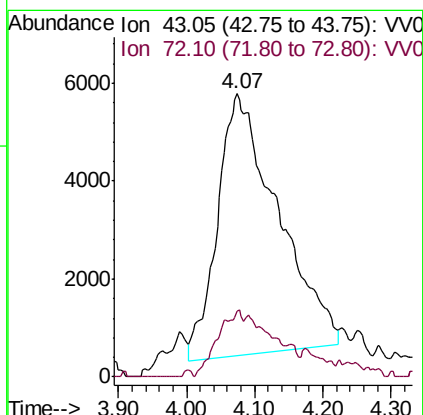
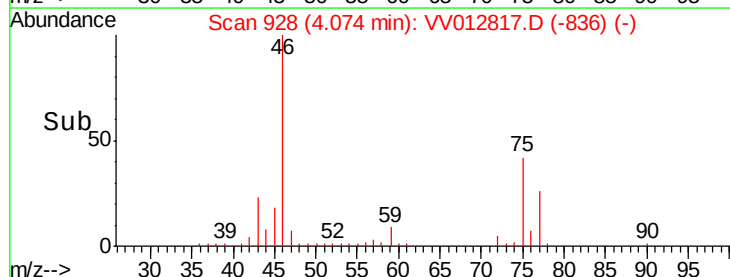
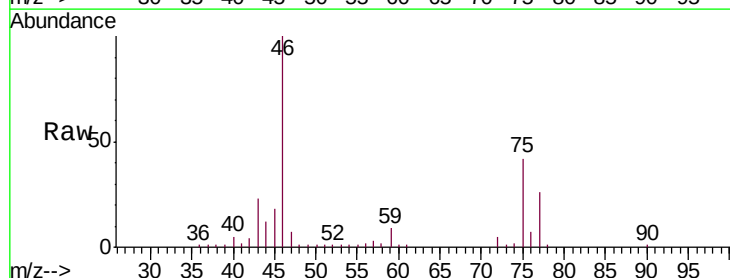
Acq: 16 Sep 2019 00:34

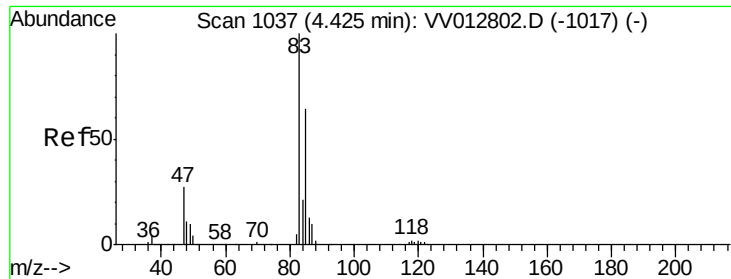
Tgt Ion: 43 Resp: 32759

Ion Ratio Lower Upper

43 100

72 0.6 13.0 38.9#

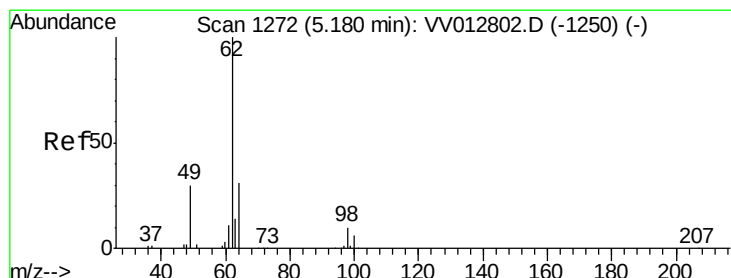
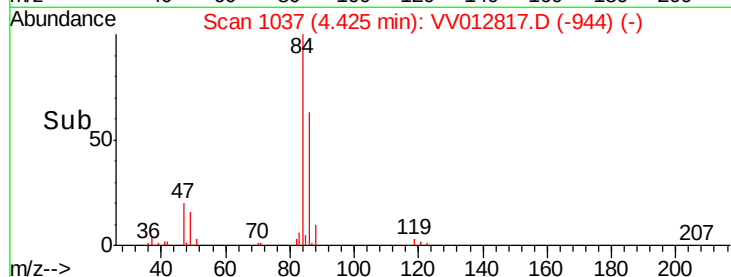
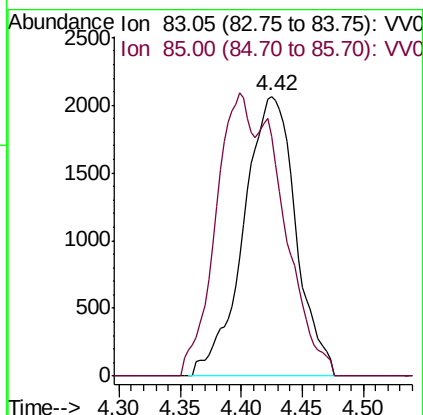
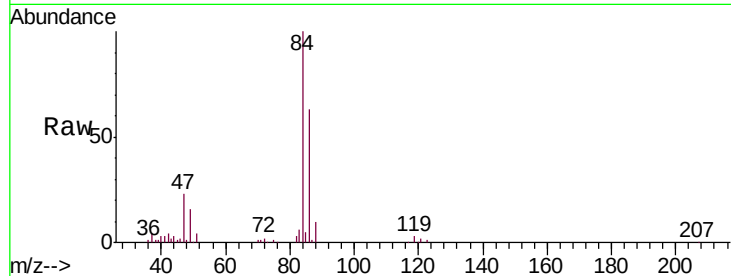




#25
Chloroform
Concen: 0.105 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012817.D
Acq: 16 Sep 2019 00:34

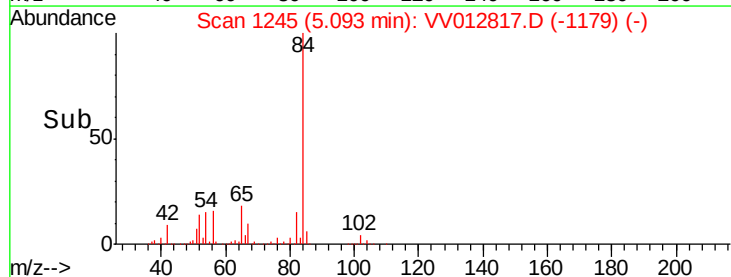
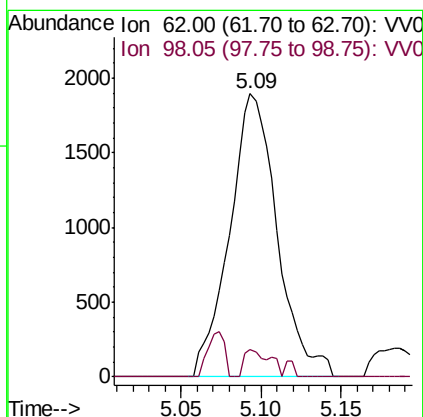
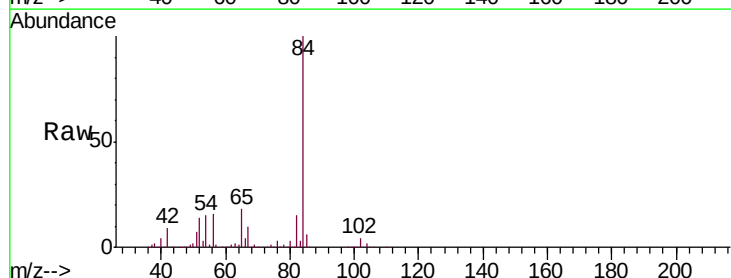
Instrument :
MSVOA_V
ClientSampleId :
C0JZ8

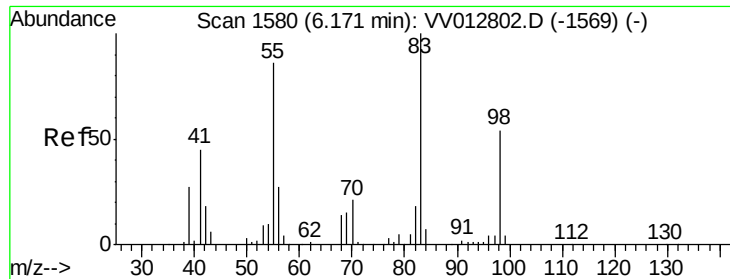
Tgt Ion: 83 Resp: 6133
Ion Ratio Lower Upper
83 100
85 85.7 45.3 84.1#



#27
1,2-Dichloroethane
Concen: 0.126 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VV012817.D
Acq: 16 Sep 2019 00:34

Tgt Ion: 62 Resp: 3848
Ion Ratio Lower Upper
62 100
98 9.7 8.4 12.6

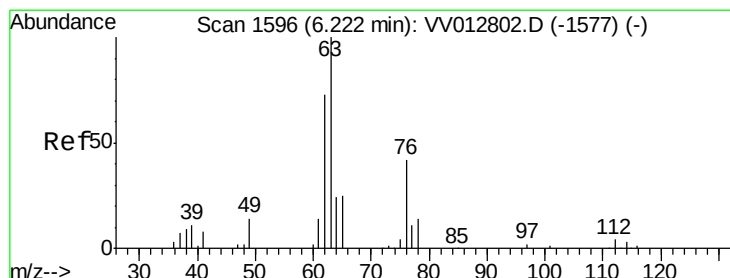
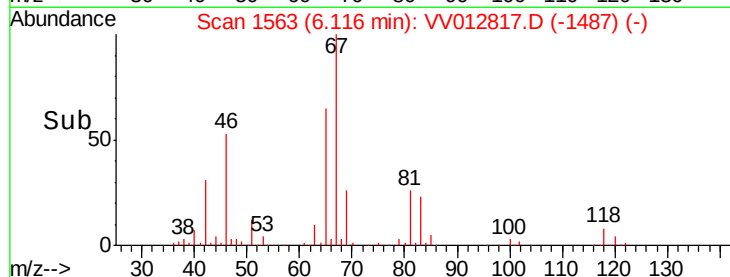
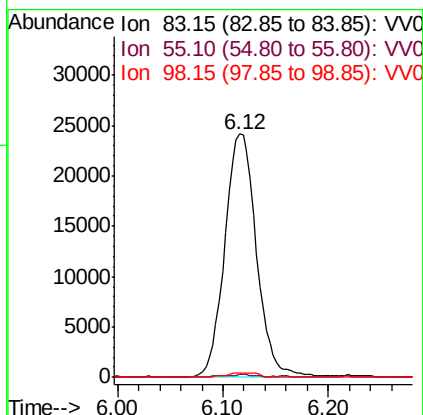
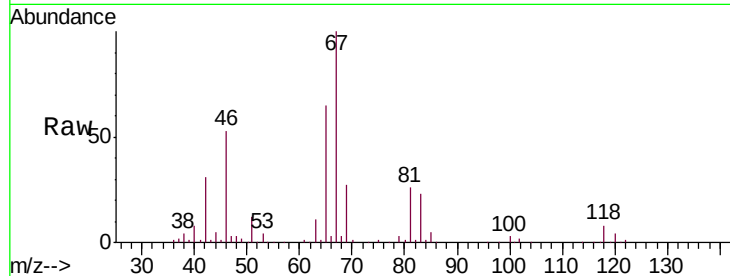




#35
Methylcyclohexane
Concen: 1.102 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012817.D
Acq: 16 Sep 2019 00:34

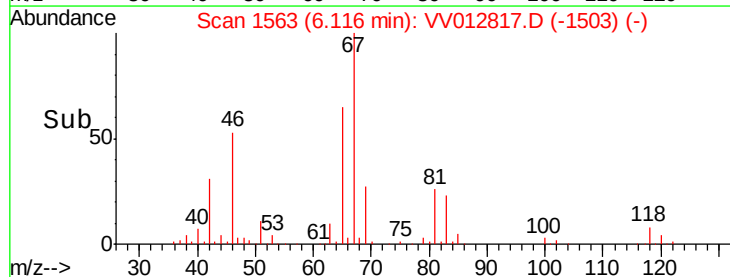
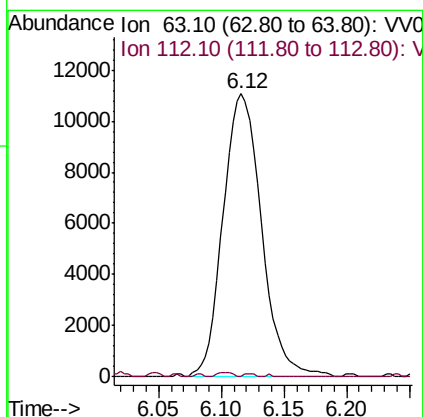
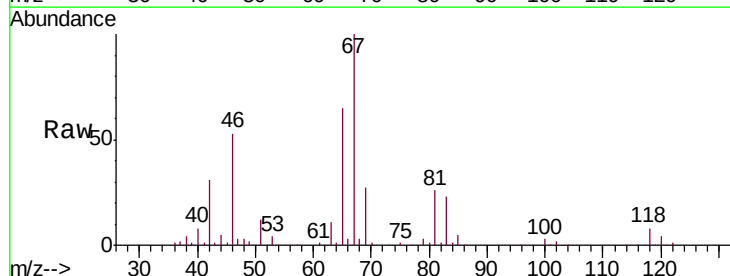
Instrument :
MSVOA_V
ClientSampleId :
C0JZ8

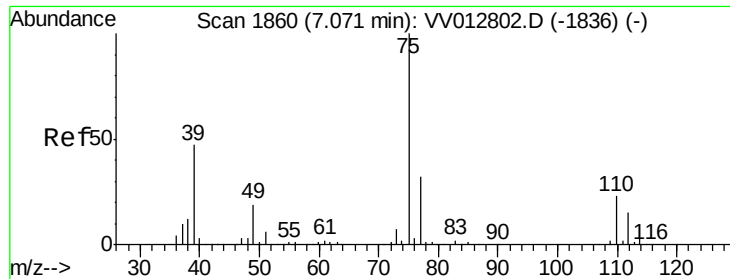
Tgt Ion: 83 Resp: 50554
Ion Ratio Lower Upper
83 100
55 0.6 63.0 94.4#
98 1.8 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.808 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV012817.D
Acq: 16 Sep 2019 00:34

Tgt Ion: 63 Resp: 23634
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.6#

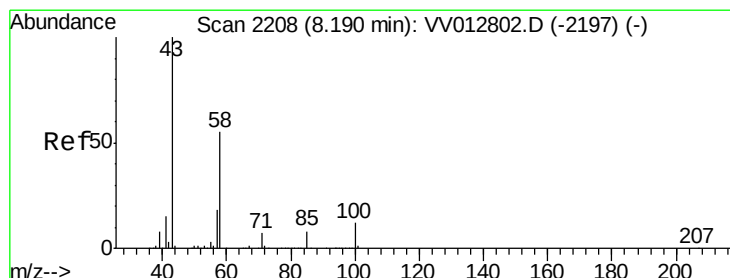
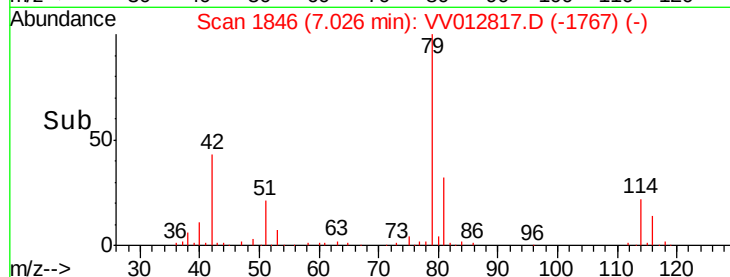
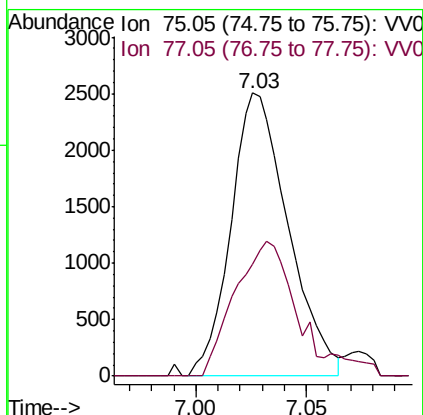
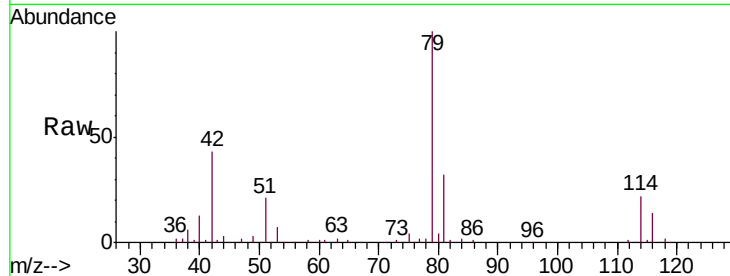




#39
 cis-1,3-Dichloropropene
 Concen: 0.118 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV012817.D
 Acq: 16 Sep 2019 00:34

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JZ8

Tgt Ion: 75 Resp: 4519
 Ion Ratio Lower Upper
 75 100
 77 39.7 22.3 41.3



#48
 2-Hexanone
 Concen: 7.693 ug/L
 RT: 8.19 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VV012817.D
 Acq: 16 Sep 2019 00:34

Tgt Ion: 43 Resp: 89291
 Ion Ratio Lower Upper
 43 100
 58 39.6 44.8 67.2#
 57 14.1 14.9 22.3#
 100 7.2 9.8 14.8#

