

Data File : VV012818.D
Acq On : 16 Sep 2019 01:00
Operator : SY/MD
Sample : K4832-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JZ9

Quant Time: Sep 16 08:20:13 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	406968	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	400732	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	144472	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	211498	7.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	153.20%#
7) Chloroethane-d5	1.58	69	174009	7.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	152.40%#
11) 1,1-Dichloroethene-d2	2.13	63	254874	5.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.40%
20) 2-Butanone-d5	3.98	46	433641	65.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.56%#
24) Chloroform-d	4.40	84	336931	6.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	134.40%#
26) 1,2-Dichloroethane-d4	5.08	65	175892	7.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	146.60%#
32) Benzene-d6	5.09	84	684189	7.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	142.80%#
36) 1,2-Dichloropropane-d6	6.12	67	214777	7.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	141.20%#
41) Toluene-d8	7.36	98	547698	6.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	127.60%
43) trans-1,3-Dichloropropene-	7.66	79	65423	6.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	125.20%
46) 2-Hexanone-d5	8.14	63	218161	55.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	115033	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	184185	7.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	149.00%#

Target Compounds

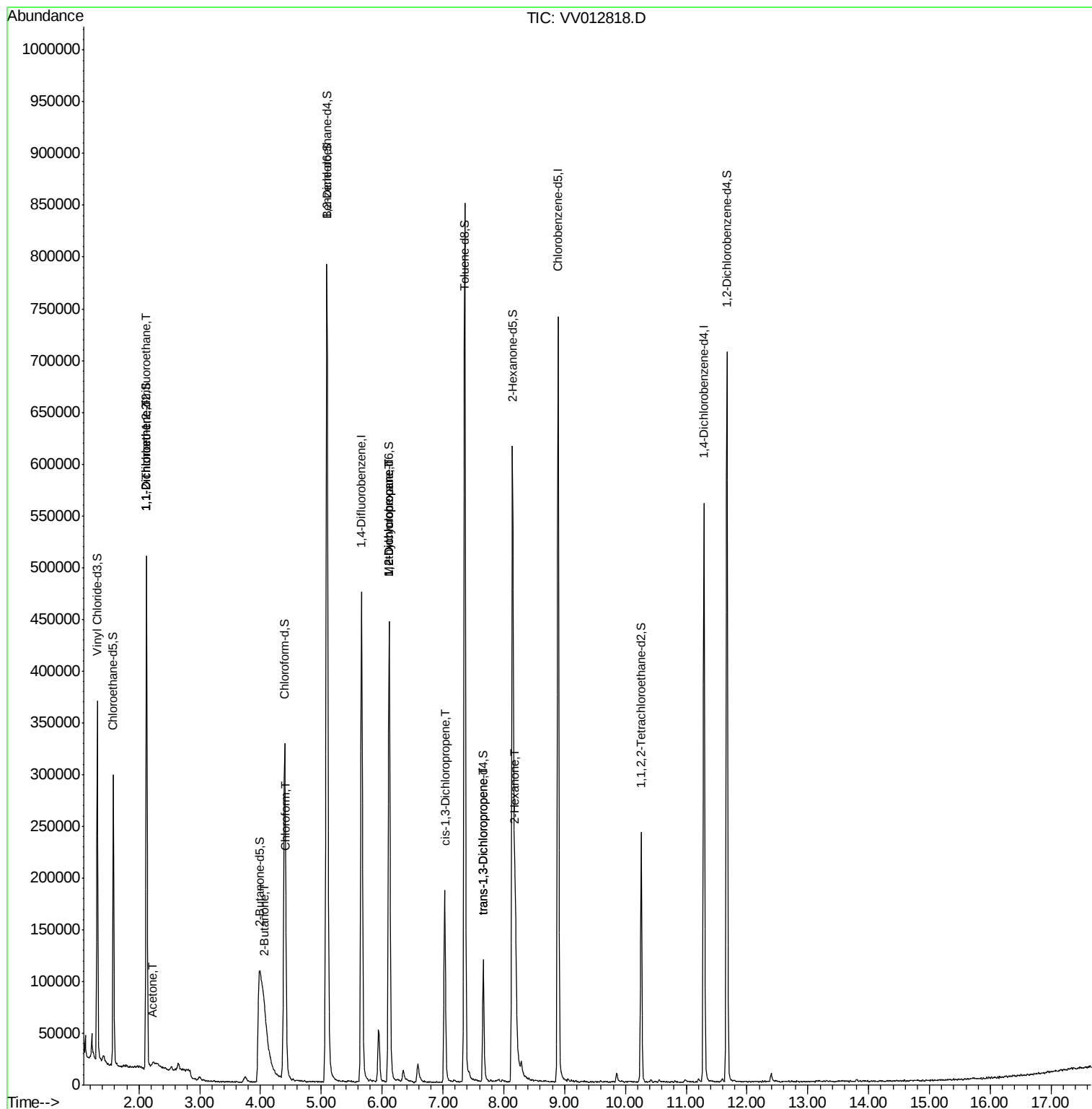
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2456	0.093 ug/L #	21
12) 1,1-Dichloroethene	2.13	96	2202	0.087 ug/L #	1
13) Acetone	2.23	43	6047	1.553 ug/L	54
21) 2-Butanone	4.07	43	12073	1.808 ug/L	78
25) Chloroform	4.42	83	6856	0.116 ug/L	96
35) Methylcyclohexane	6.12	83	50266	1.099 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	22764	0.780 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	4787	0.125 ug/L #	58
44) trans-1,3-Dichloropropene	7.66	75	3100	0.107 ug/L	83
48) 2-Hexanone	8.19	43	102585	8.866 ug/L #	89

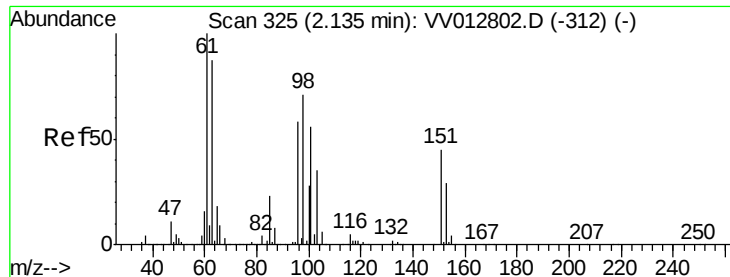
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.093 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

C0JZ9

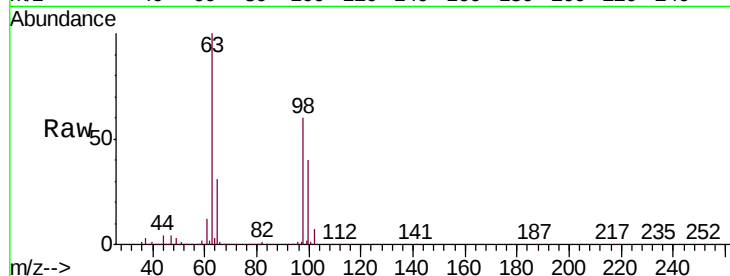
Tgt Ion: 101 Resp: 2456

Ion Ratio Lower Upper

101 100

85 4.6 33.0 49.6#

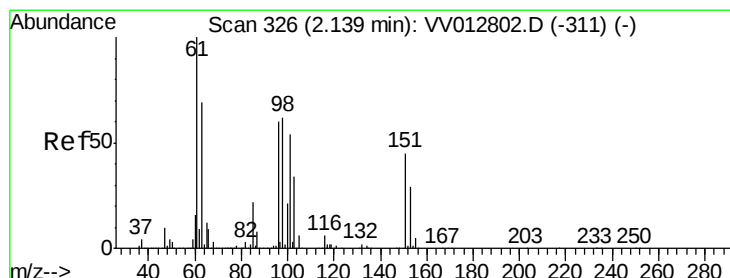
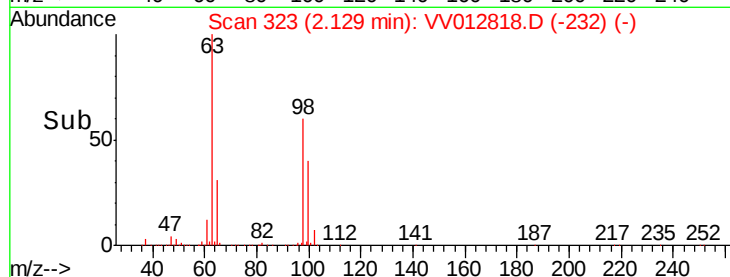
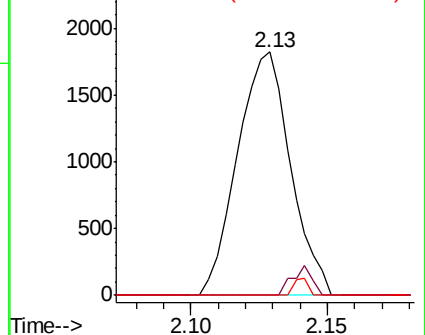
151 1.9 65.8 98.8#



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: 0.087 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012818.D

Acq: 16 Sep 2019 01:00

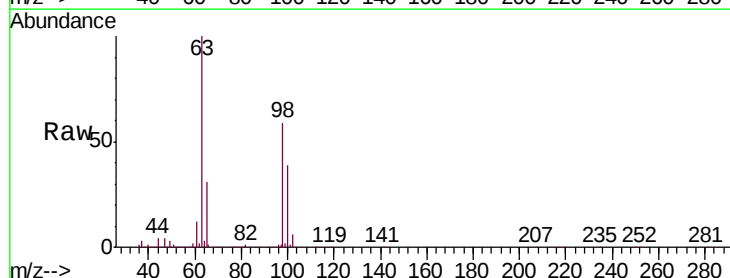
Tgt Ion: 96 Resp: 2202

Ion Ratio Lower Upper

96 100

61 1514.0 115.8 215.0#

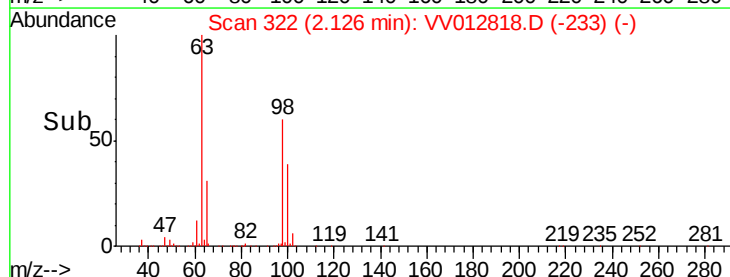
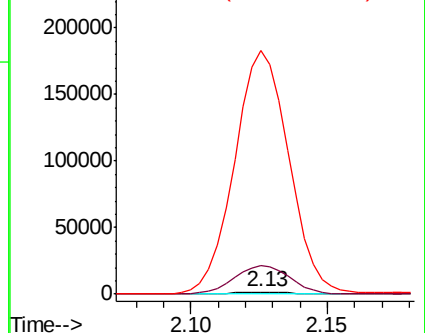
63 13027.8 79.4 147.4#

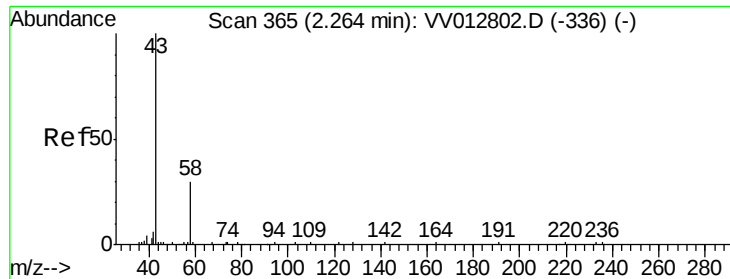


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.553 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.03 min

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ClientSampleId :

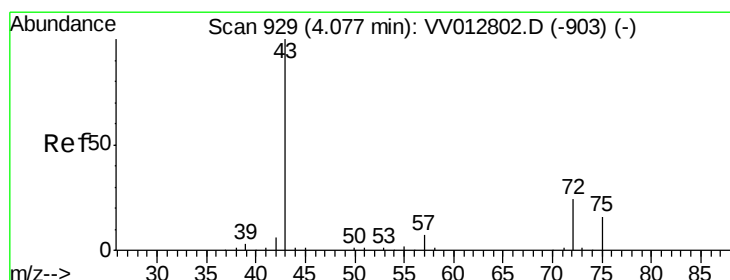
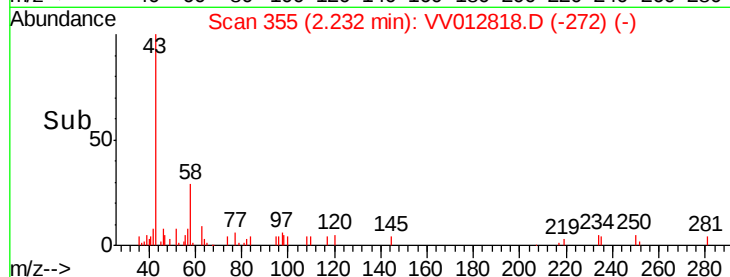
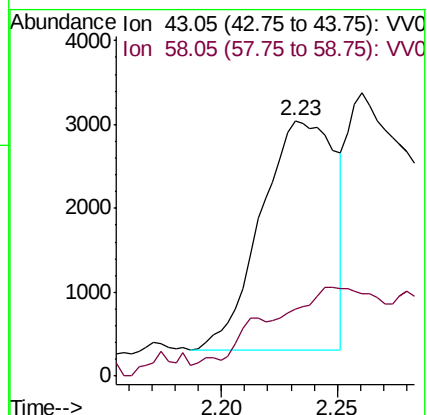
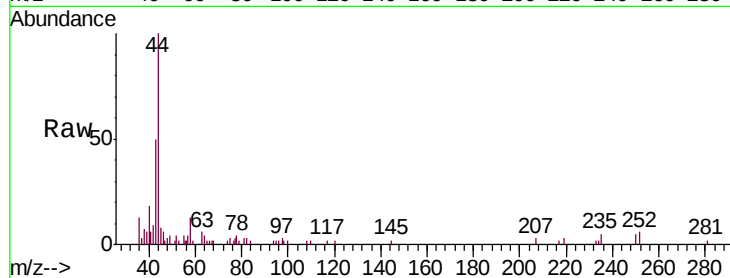
C0JZ9

Tgt Ion: 43 Resp: 6047

Ion Ratio Lower Upper

43 100

58 7.6 0.0 67.4



#21

2-Butanone

Concen: 1.808 ug/L

RT: 4.07 min Scan# 926

Delta R.T. -0.01 min

Lab File: VV012818.D

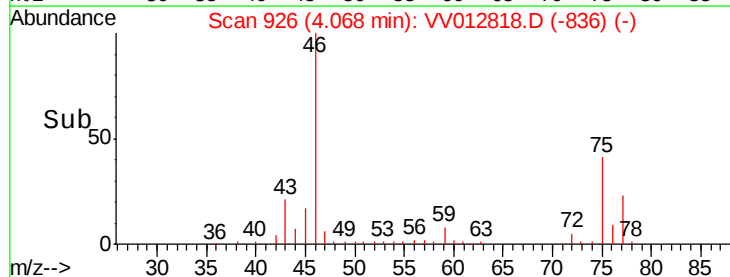
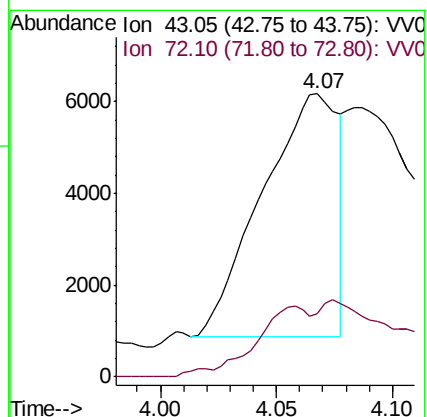
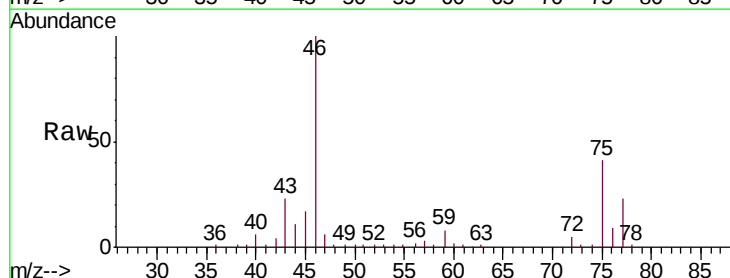
Acq: 16 Sep 2019 01:00

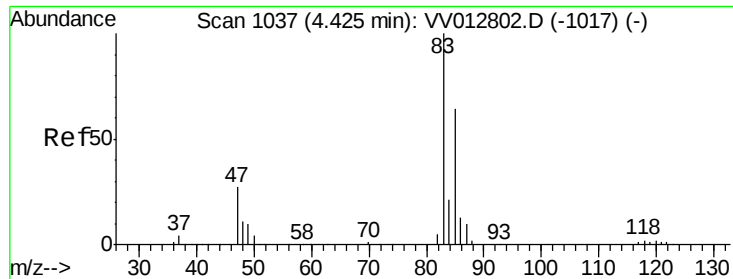
Tgt Ion: 43 Resp: 12073

Ion Ratio Lower Upper

43 100

72 14.8 13.0 38.9

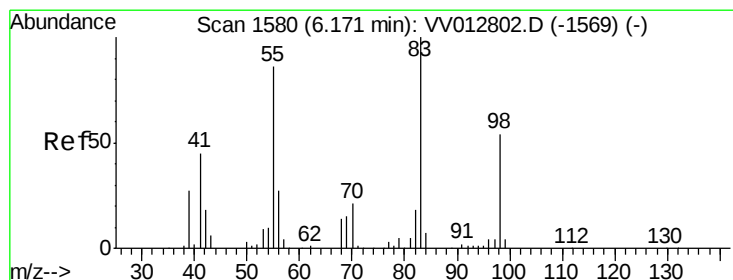
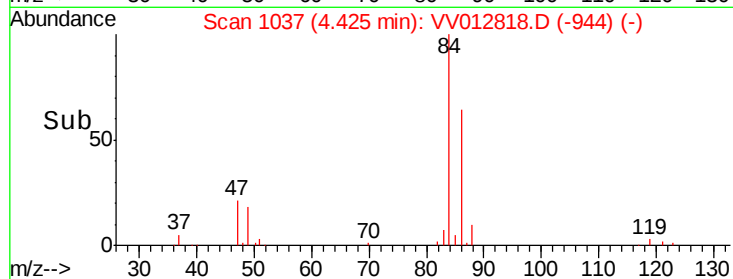
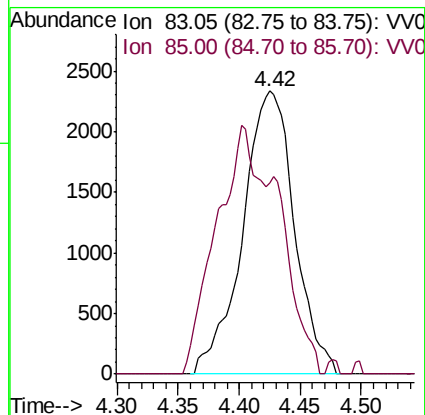
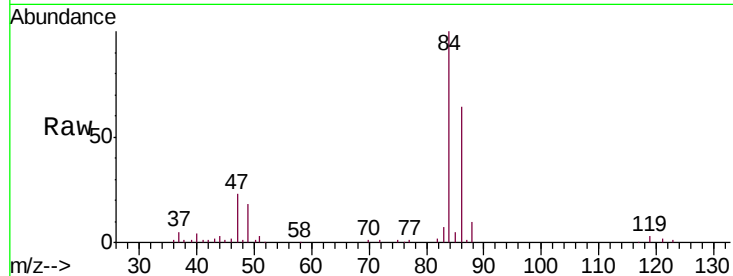




#25
Chloroform
Concen: 0.116 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012818.D
Acq: 16 Sep 2019 01:00

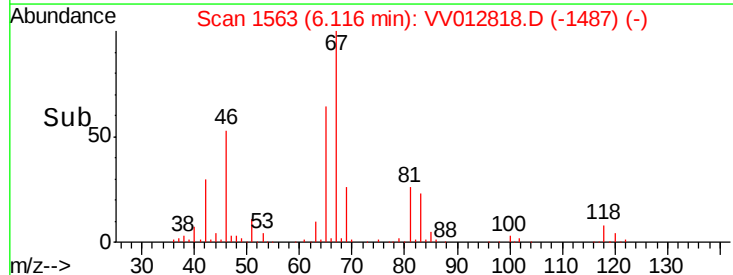
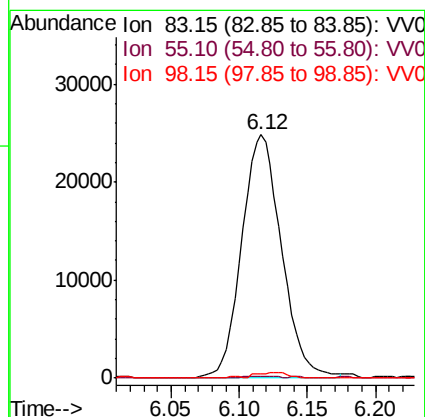
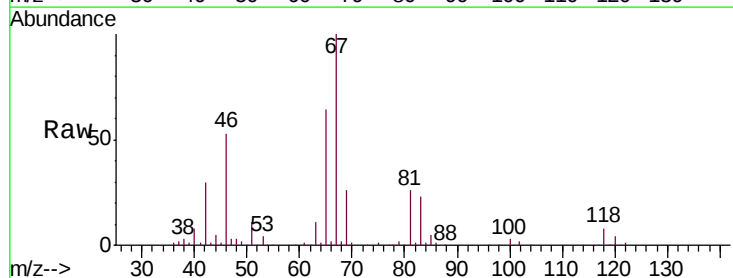
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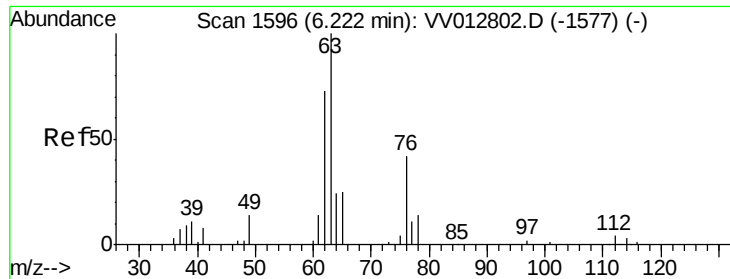
Tgt Ion: 83 Resp: 6856
Ion Ratio Lower Upper
83 100
85 67.6 45.3 84.1



#35
Methylcyclohexane
Concen: 1.099 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012818.D
Acq: 16 Sep 2019 01:00

Tgt Ion: 83 Resp: 50266
Ion Ratio Lower Upper
83 100
55 0.6 63.0 94.4#
98 1.7 39.8 59.8#

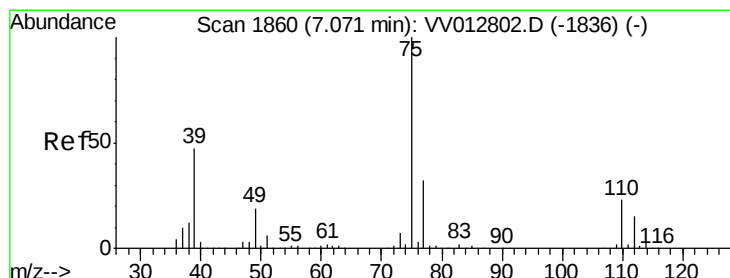
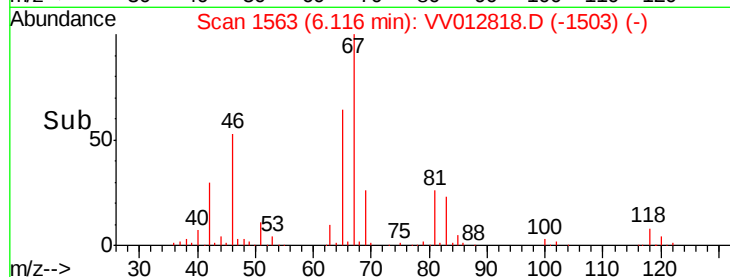
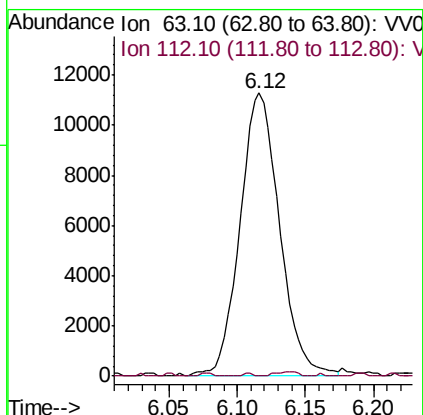
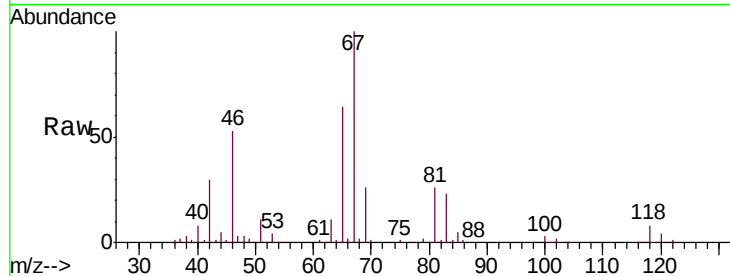




#37
 1,2-Dichloropropane
 Concen: 0.780 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV012818.D
 Acq: 16 Sep 2019 01:00

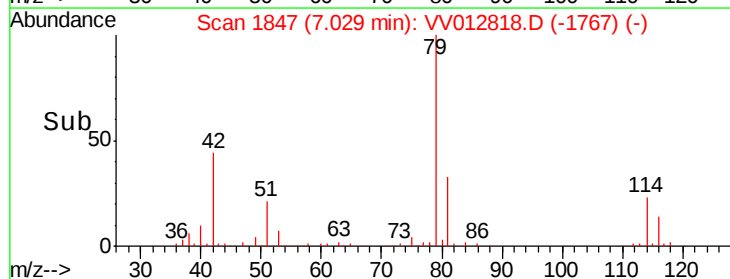
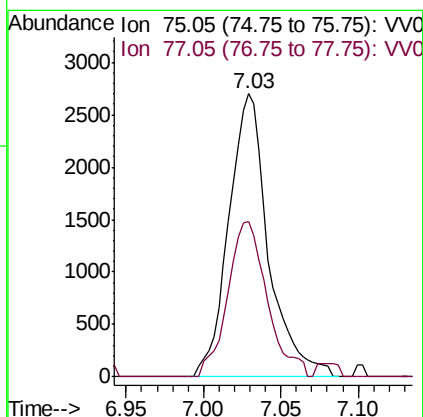
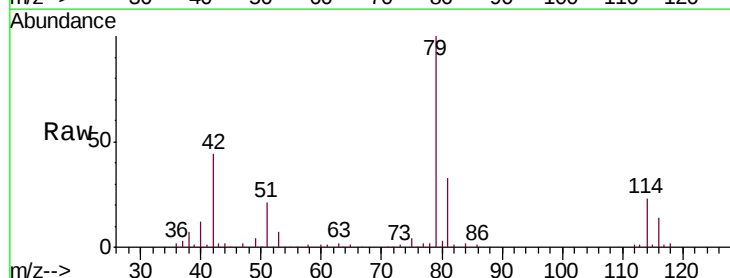
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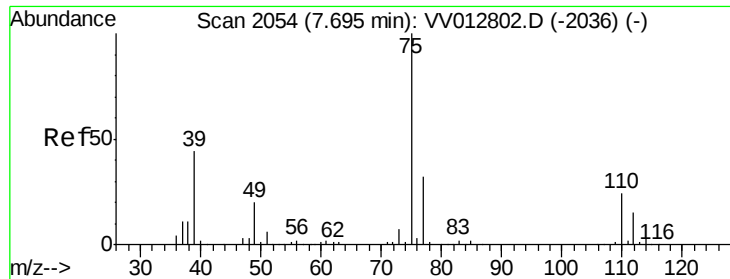
Tgt Ion: 63 Resp: 22764
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.125 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012818.D
 Acq: 16 Sep 2019 01:00

Tgt Ion: 75 Resp: 4787
 Ion Ratio Lower Upper
 75 100
 77 55.0 22.3 41.3#

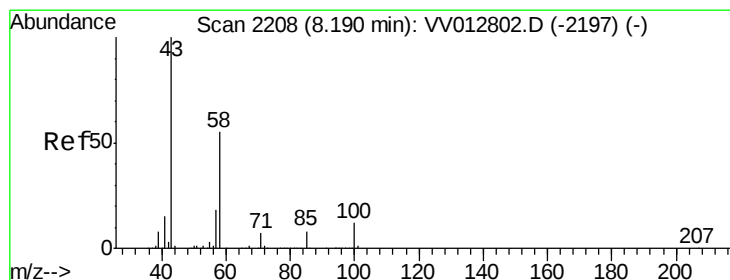
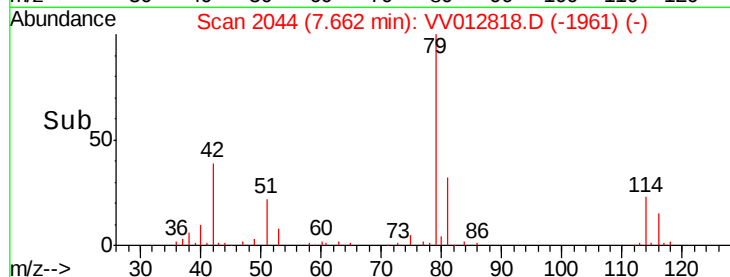
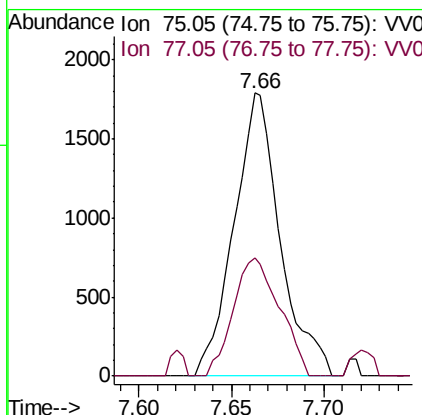
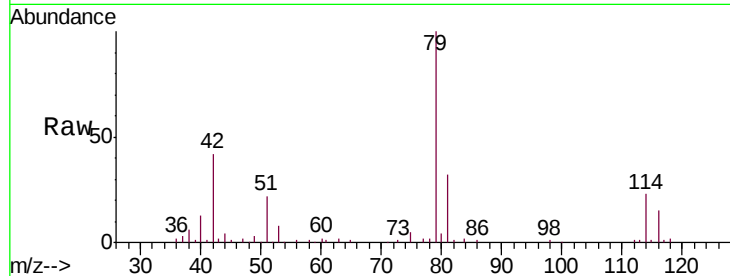




#44
trans-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012818.D
Acq: 16 Sep 2019 01:00

Instrument :
MSVOA_V
ClientSampleId :
C0JZ9

Tgt Ion: 75 Resp: 3100
Ion Ratio Lower Upper
75 100
77 41.6 22.4 41.6



#48
2-Hexanone
Concen: 8.866 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV012818.D
Acq: 16 Sep 2019 01:00

Tgt Ion: 43 Resp: 102585
Ion Ratio Lower Upper
43 100
58 45.7 44.8 67.2
57 16.4 14.9 22.3
100 8.7 9.8 14.8#

