

Data File : VV014409.D
Acq On : 27 Jan 2020 17:26
Operator : SY/MD
Sample : VIBLK21
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK21

Quant Time: Jan 28 03:15:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 28 03:12:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	913379	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	830838	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	388587	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	214353	3.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.20%
7) Chloroethane-d5	1.58	69	182522	3.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.80%
11) 1,1-Dichloroethene-d2	2.13	63	277243	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	3.95	46	749299	48.81	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.62%
24) Chloroform-d	4.40	84	565354	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.08	65	284568	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.10	84	1228611	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.12	67	387942	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.36	98	1106371	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.66	79	142491	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.13	63	702523	48.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.60%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	263935	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	366418	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

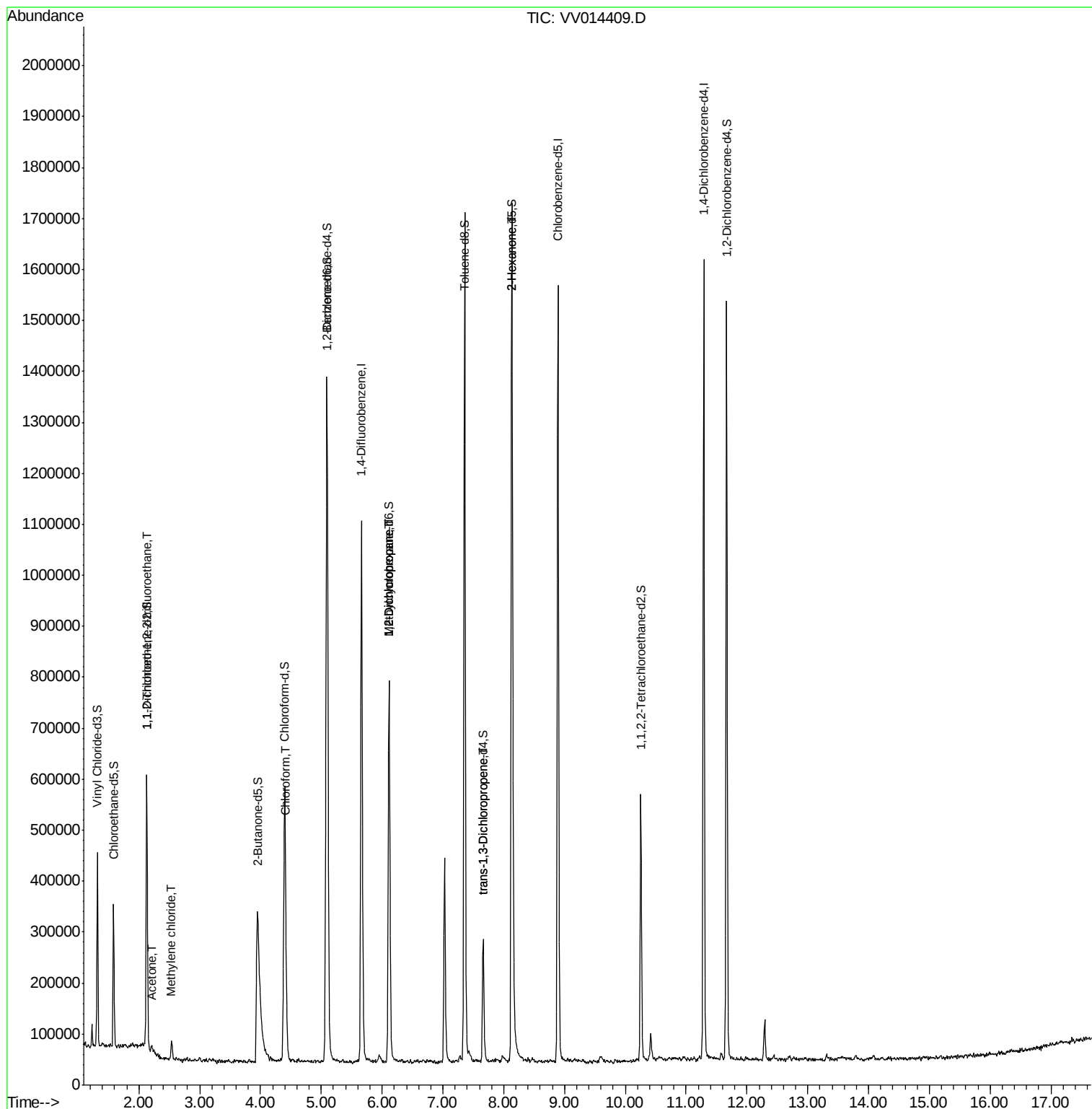
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3264	0.080	ug/L #	42
13) Acetone	2.22	43	35511	3.359	ug/L	63
16) Methylene chloride	2.54	84	16249	0.245	ug/L	87
25) Chloroform	4.42	83	22605	0.196	ug/L	99
35) Methylcyclohexane	6.12	83	91351	0.850	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	43300	0.670	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	7324	0.091	ug/L	94
48) 2-Hexanone	8.13	43	75914	2.696	ug/L #	68

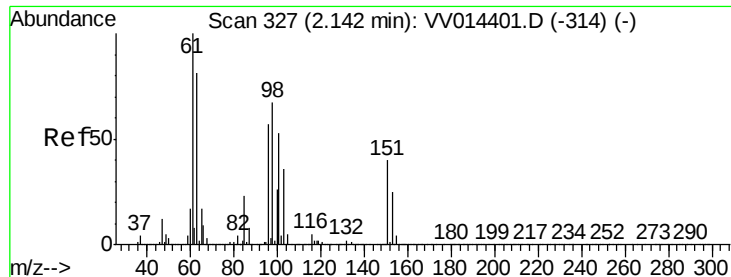
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.080 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

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Instrument :

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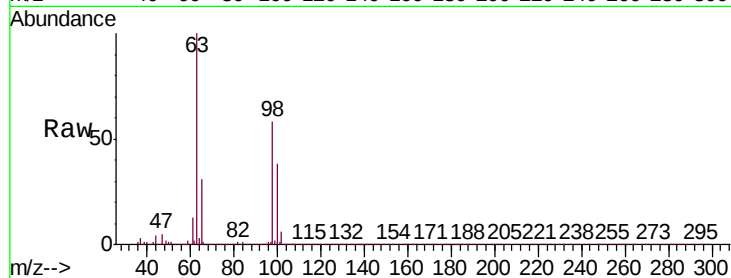
Tgt Ion:101 Resp: 3264

Ion Ratio Lower Upper

101 100

85 2.4 34.9 52.3#

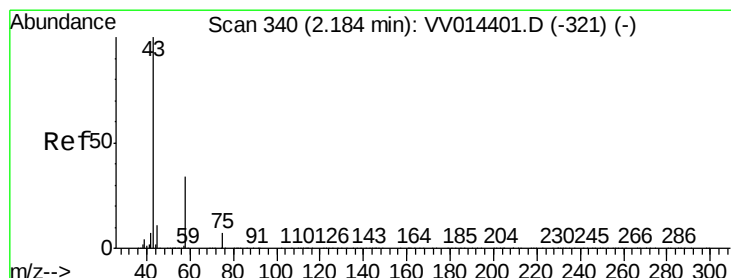
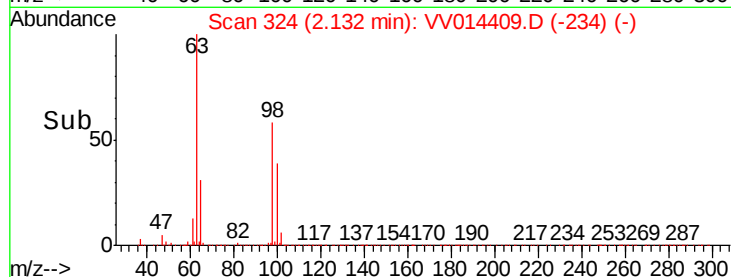
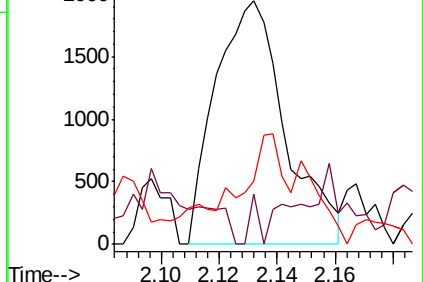
151 30.3 62.5 93.7#



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: 3.359 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.03 min

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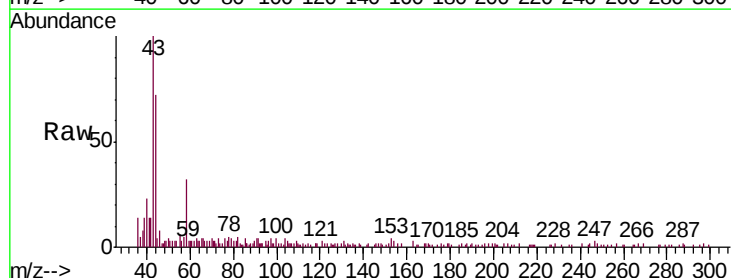
Acq: 27 Jan 2020 17:26

Tgt Ion: 43 Resp: 35511

Ion Ratio Lower Upper

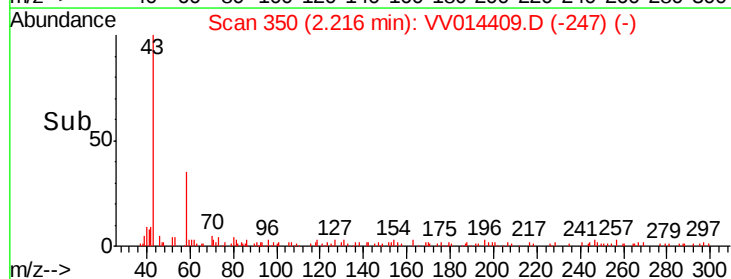
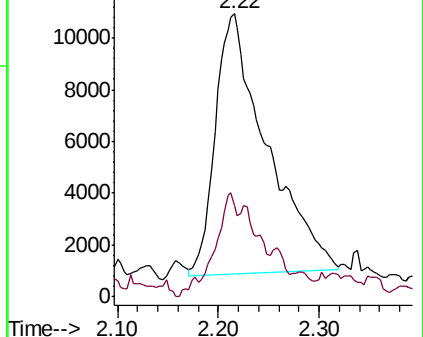
43 100

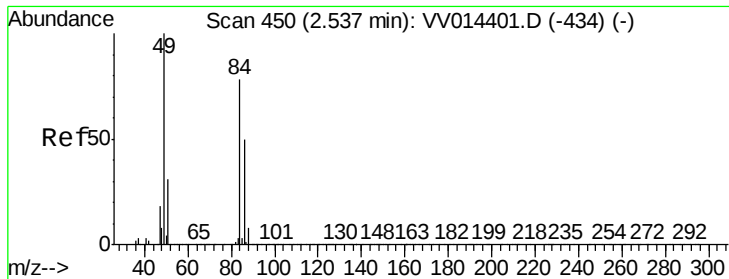
58 12.2 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

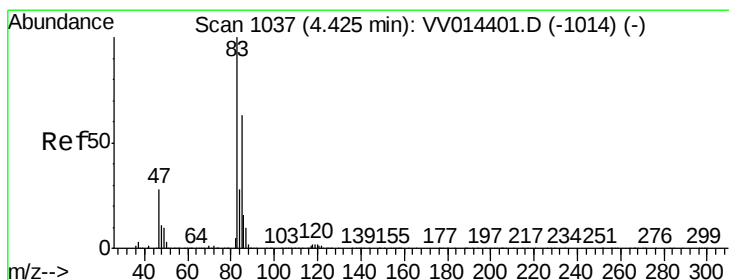
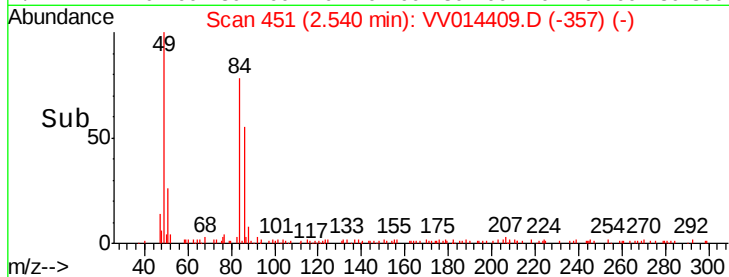
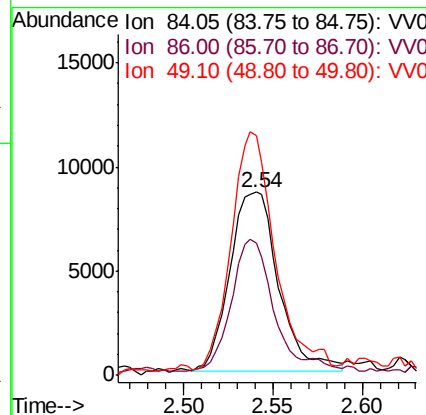
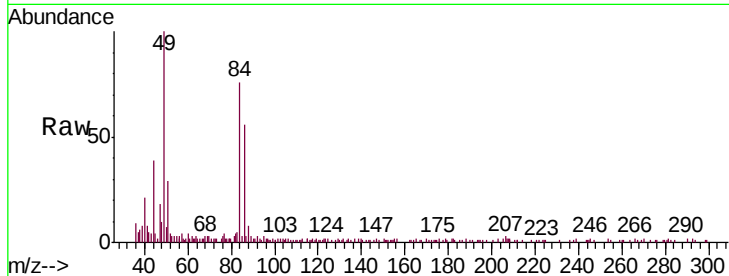




#16
Methylene chloride
Concen: 0.245 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV014409.D
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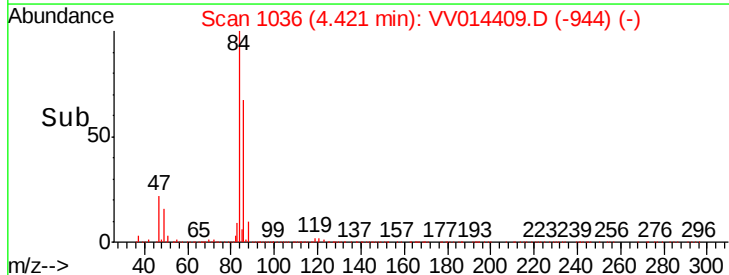
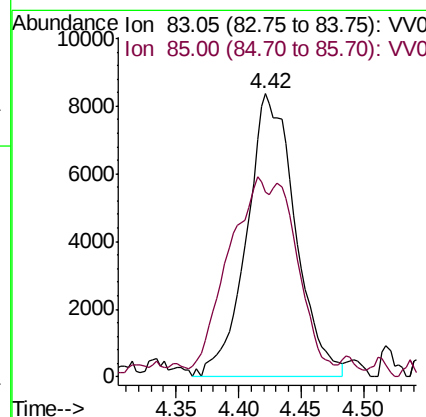
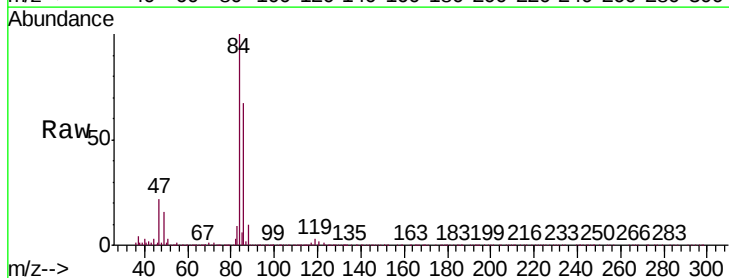
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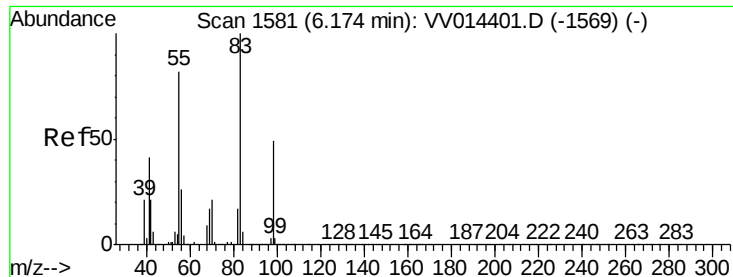
Tgt Ion: 84 Resp: 16249
Ion Ratio Lower Upper
84 100
86 72.6 43.1 80.1
49 130.8 82.1 152.5



#25
Chloroform
Concen: 0.196 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV014409.D
Acq: 27 Jan 2020 17:26

Tgt Ion: 83 Resp: 22605
Ion Ratio Lower Upper
83 100
85 65.5 46.2 85.8

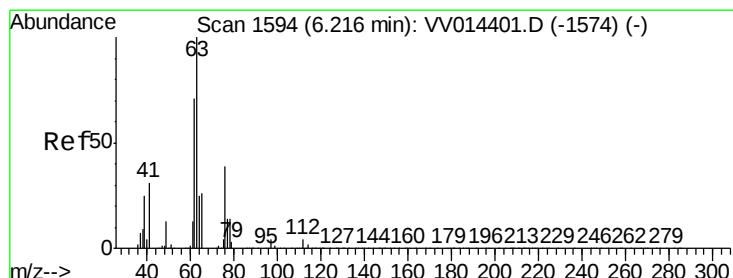
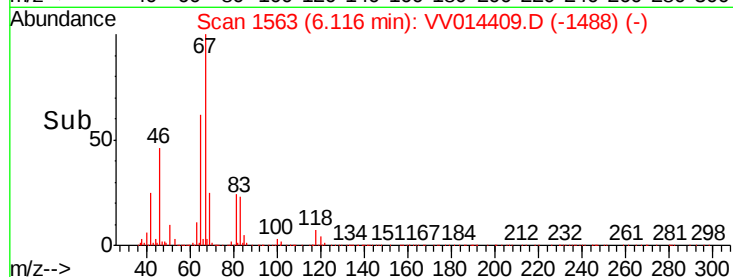
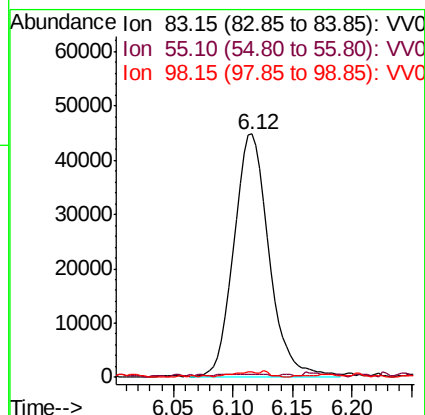
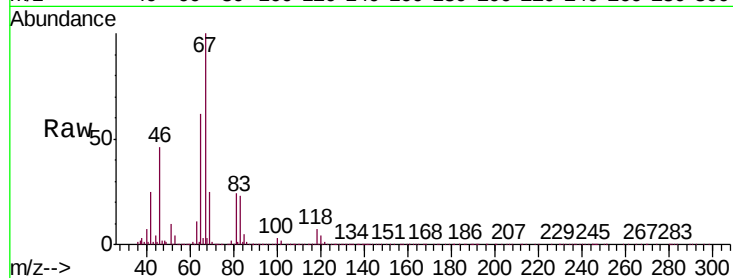




#35
Methylcyclohexane
Concen: 0.850 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV014409.D
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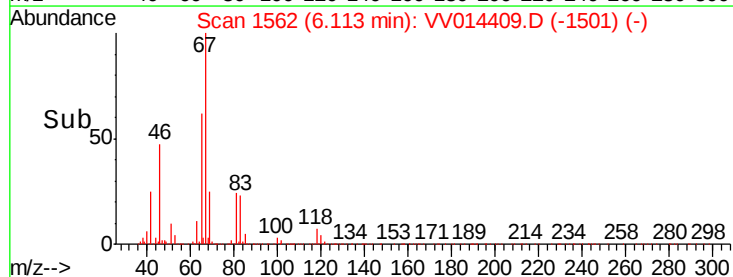
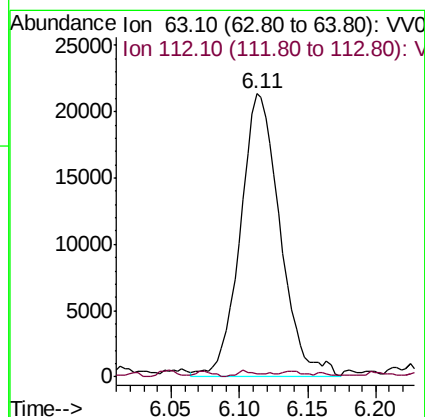
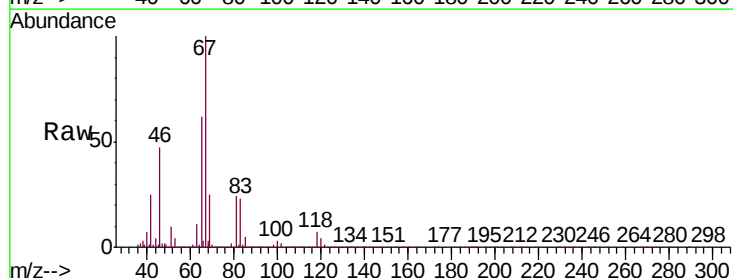
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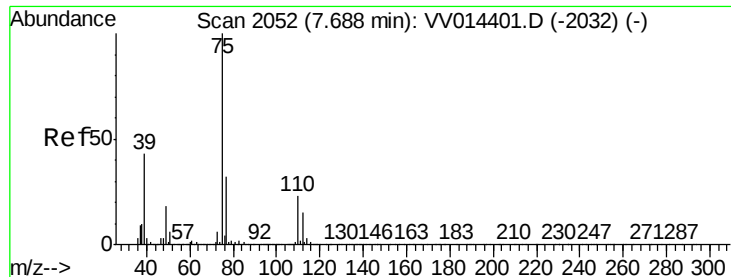
Tgt Ion: 83 Resp: 91351
Ion Ratio Lower Upper
83 100
55 0.1 61.7 92.5#
98 1.2 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.670 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV014409.D
Acq: 27 Jan 2020 17:26

Tgt Ion: 63 Resp: 43300
Ion Ratio Lower Upper
63 100
112 0.4 3.7 5.5#





#44

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014409.D

Acq: 27 Jan 2020 17:26

Instrument :

MSVOA_V

ClientSampleId :

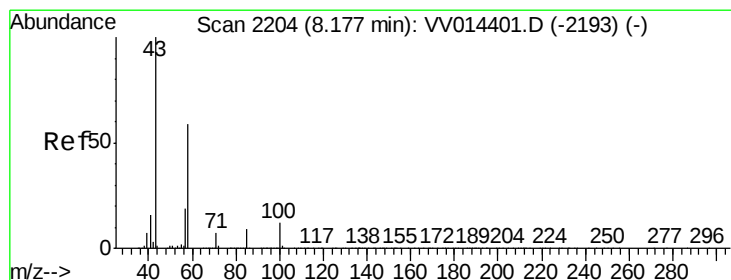
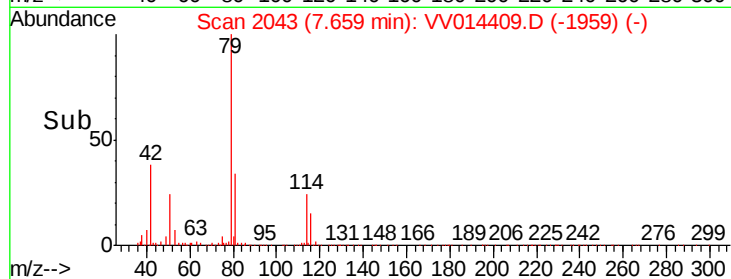
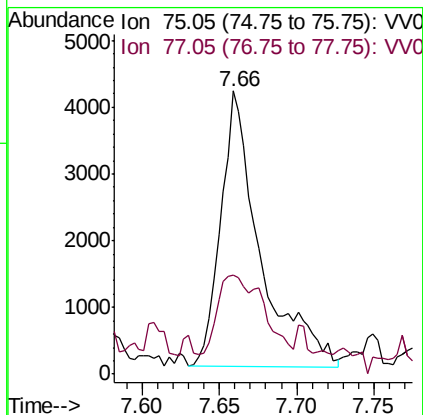
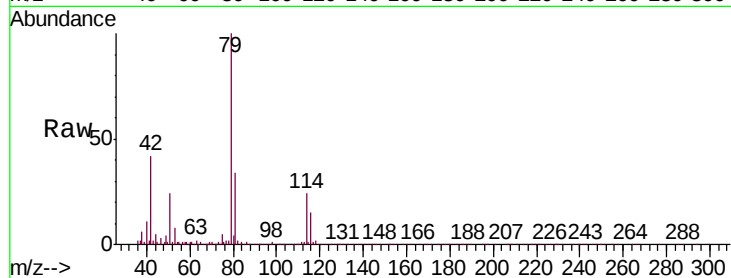
VIBLK21

Tgt Ion: 75 Resp: 7324

Ion Ratio Lower Upper

75 100

77 35.0 22.0 41.0



#48

2-Hexanone

Concen: 2.696 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV014409.D

Acq: 27 Jan 2020 17:26

Tgt Ion: 43 Resp: 75914

Ion Ratio Lower Upper

43 100

58 27.1 45.4 68.0#

57 24.7 15.8 23.8#

100 0.5 10.2 15.4#

