

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011720\
 Data File : VV014334.D
 Acq On : 17 Jan 2020 13:37
 Operator : SY/MD
 Sample : L1169-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF762

Quant Time: Jan 17 22:54:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 17 22:51:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	773848	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	721605	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	342333	5.00	ug/L	0.00

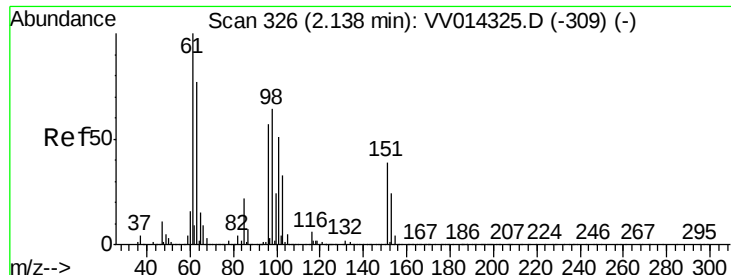
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	222704	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.59	69	195117	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.13	63	271204	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	3.93	46	623252	47.92	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.84%
24) Chloroform-d	4.40	84	486721	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.08	65	246264	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.10	84	1043369	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.12	67	335549	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	913363	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.66	79	132748	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.13	63	600516	48.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	232875	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	310167	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3236	0.093	ug/L #	29
13) Acetone	2.19	43	33876	3.782	ug/L	98
14) Carbon disulfide	2.33	76	25275	0.165	ug/L	99
15) Methyl Acetate	2.30	43	28207	1.353	ug/L #	53
17) Methyl tert-butyl Ether	2.80	73	9549	0.075	ug/L #	85
27) 1,2-Dichloroethane	5.10	62	6449	0.111	ug/L	96
35) Methylcyclohexane	6.12	83	74731	0.800	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	34335	0.612	ug/L #	89
48) 2-Hexanone	8.13	43	67167	2.746	ug/L #	76
63) 1,4-Dichlorobenzene	11.32	146	13284	0.125	ug/L	98

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



#10

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

Concen: 0.093 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

BF762

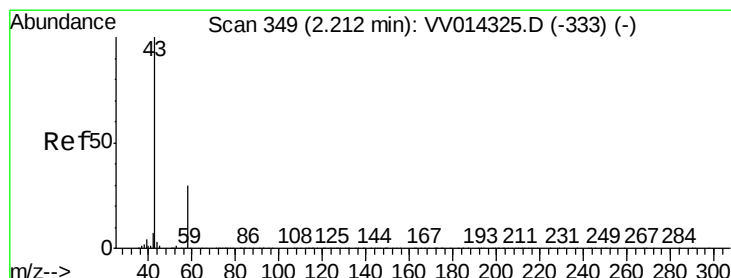
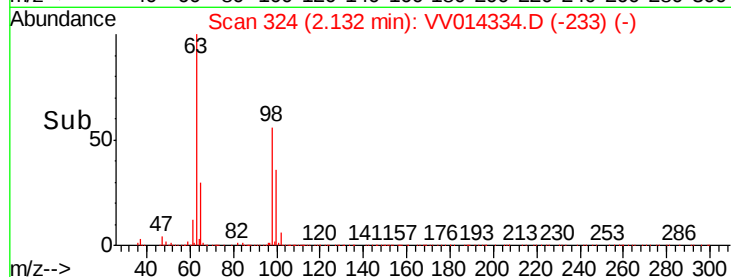
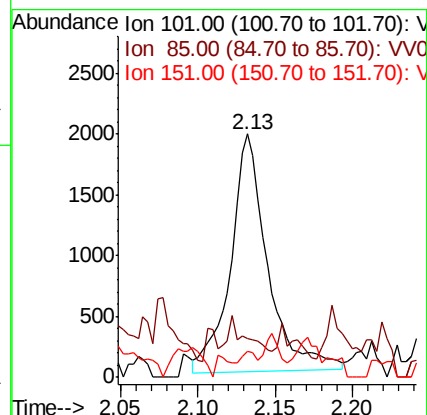
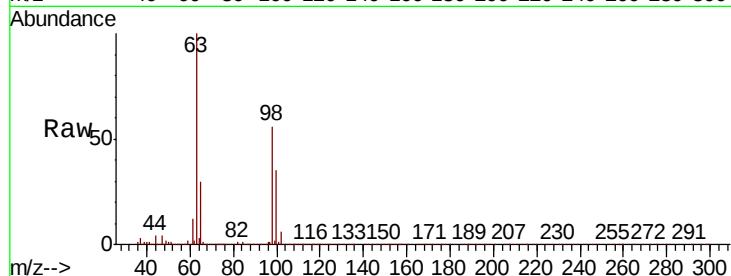
Tot Ion:101 Resp: 3236

Ion Ratio Lower Upper

101 100

85 17.0 34.9 52.3#

151 1.5 62.5 93.7#



#13

Acetone

Concen: 3.782 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.03 min

Lab File: VV014334.D

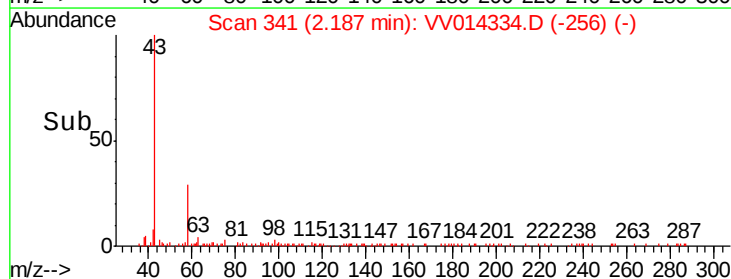
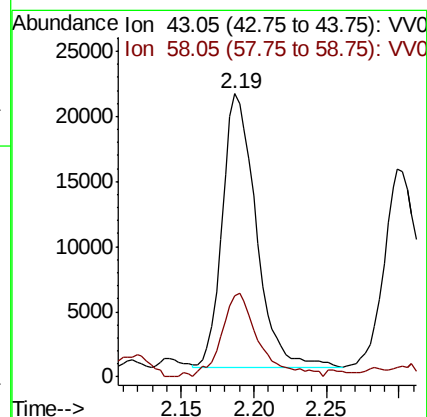
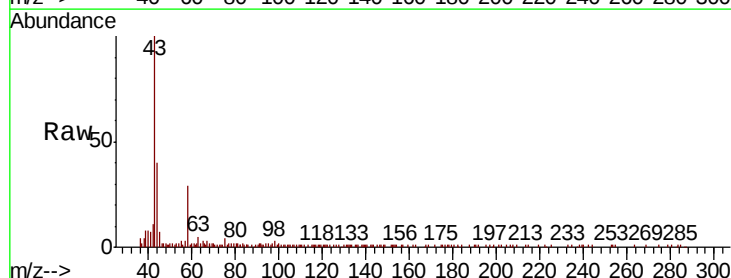
Acq: 17 Jan 2020 13:37

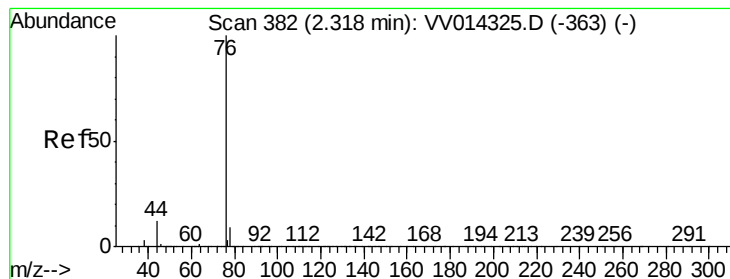
Tgt Ion: 43 Resp: 33876

Ion Ratio Lower Upper

43 100

58 33.9 0.0 66.0





#14

Carbon disulfide

Concen: 0.165 ug/L

RT: 2.33 min Scan# 384

Delta R.T. 0.01 min

Lab File: VV014334.D

Acq: 17 Jan 2020 13:37

Instrument :

MSVOA_V

ClientSampleId :

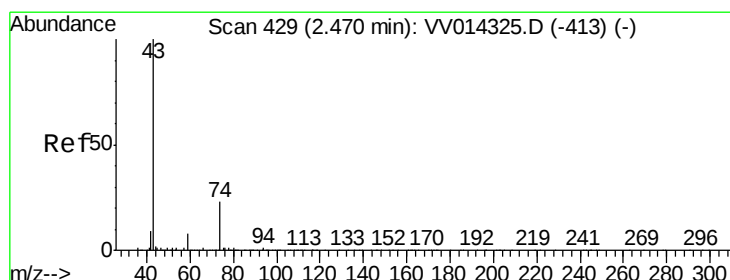
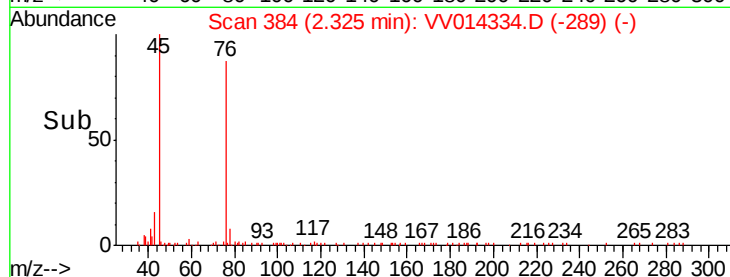
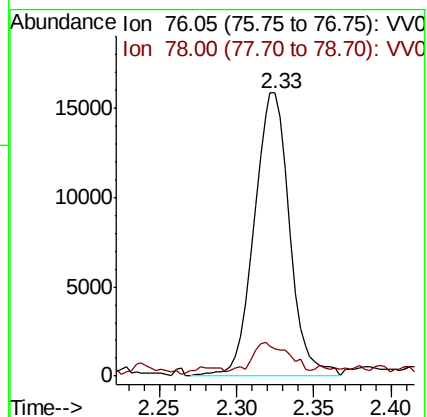
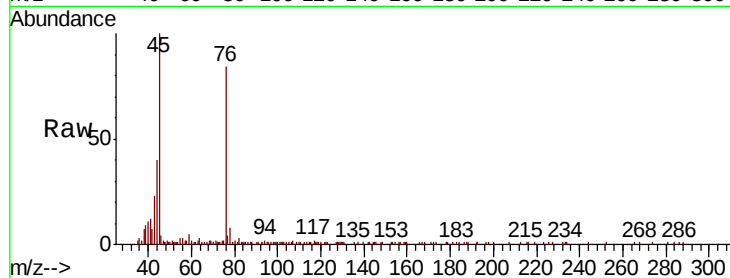
BF762

Tot Ion: 76 Resp: 25275

Ion Ratio Lower Upper

76 100

78 9.7 7.5 11.3



#15

Methyl Acetate

Concen: 1.353 ug/L

RT: 2.30 min Scan# 376

Delta R.T. -0.17 min

Lab File: VV014334.D

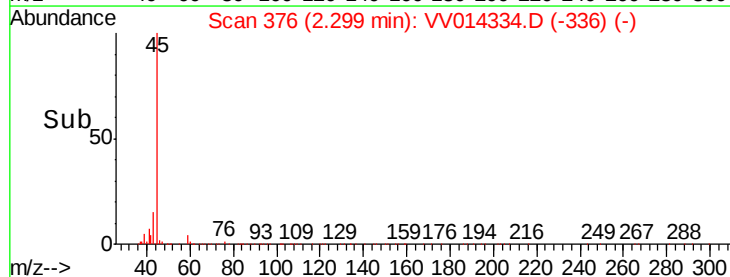
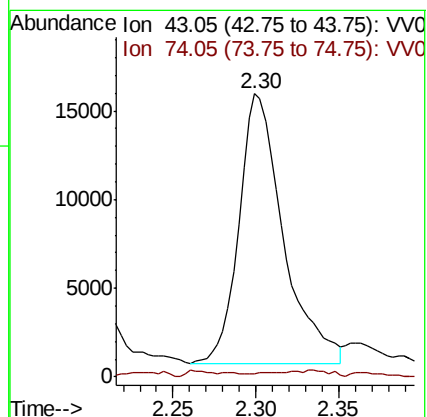
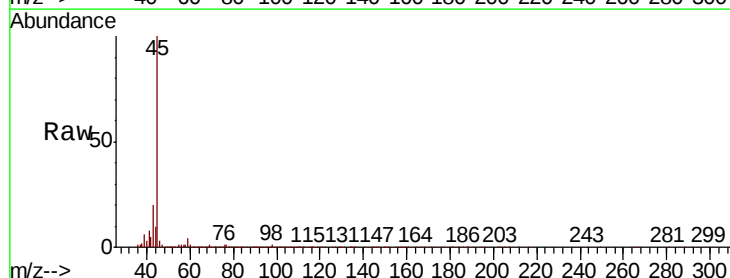
Acq: 17 Jan 2020 13:37

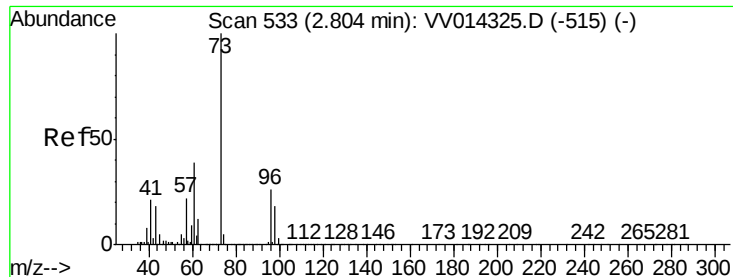
Tgt Ion: 43 Resp: 28207

Ion Ratio Lower Upper

43 100

74 0.5 18.6 28.0#

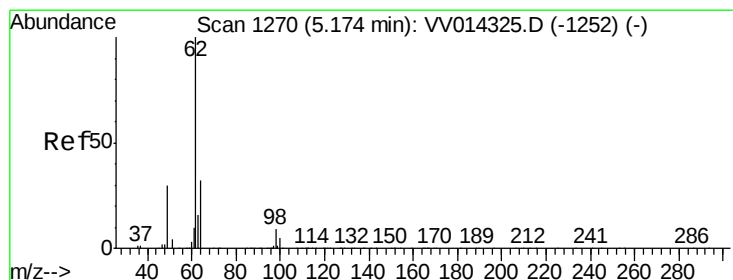
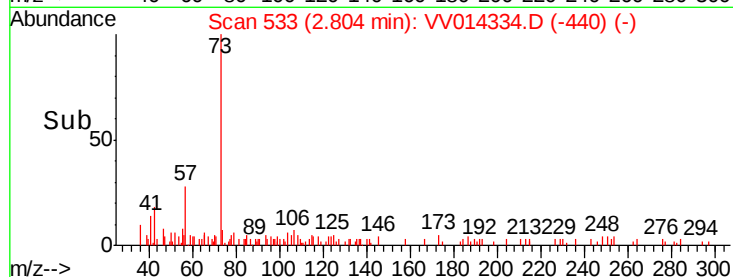
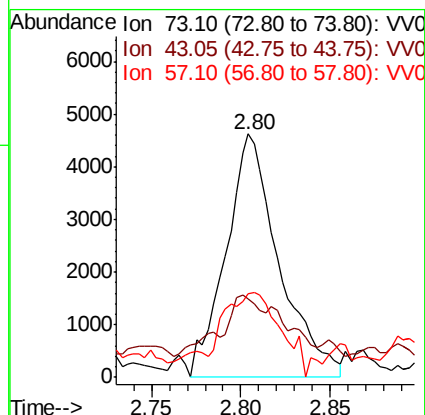
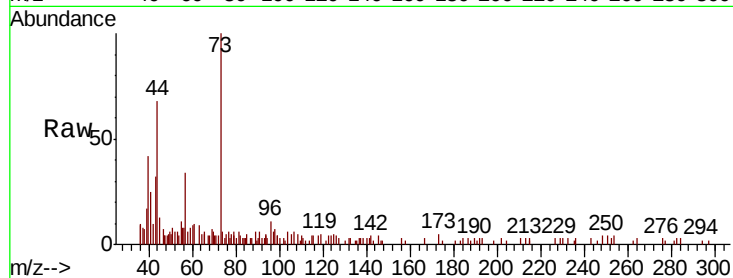




#17
Methvl tert-butvl Ether
Concen: 0.075 ug/L
RT: 2.80 min Scan# 533
Delta R.T. 0.00 min
Lab File: VV014334.D
Acq: 17 Jan 2020 13:37

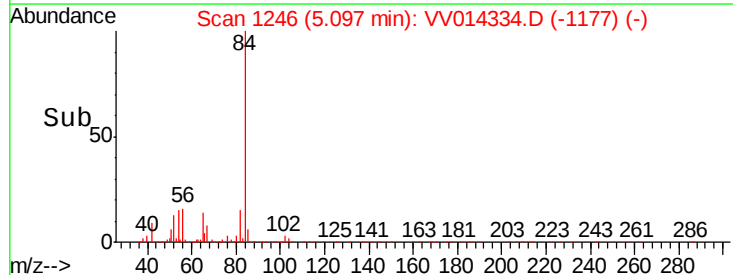
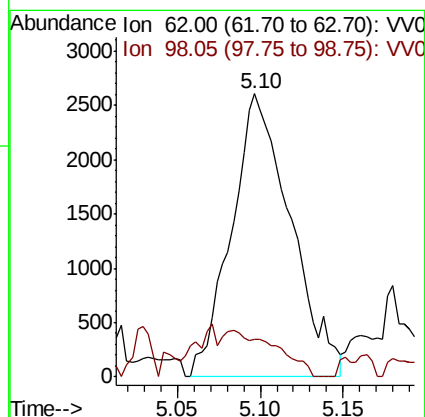
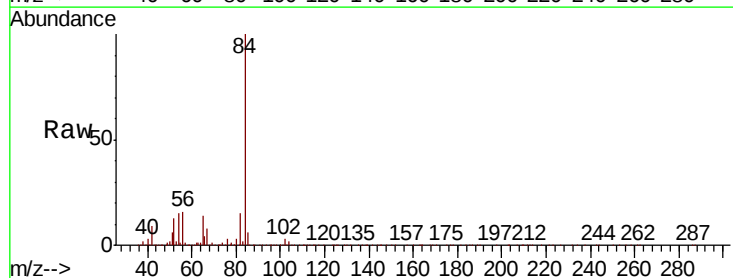
Instrument :
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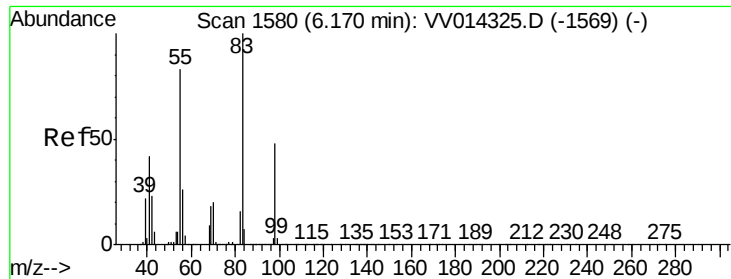
Tot Ion: 73 Resp: 9549
Ion Ratio Lower Upper
73 100
43 28.4 14.7 22.1#
57 26.6 17.9 26.9



#27
1,2-Dichloroethane
Concen: 0.111 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV014334.D
Acq: 17 Jan 2020 13:37

Tgt Ion: 62 Resp: 6449
Ion Ratio Lower Upper
62 100
98 13.2 9.2 13.8

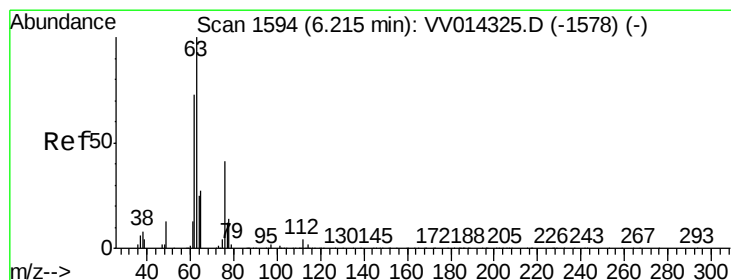
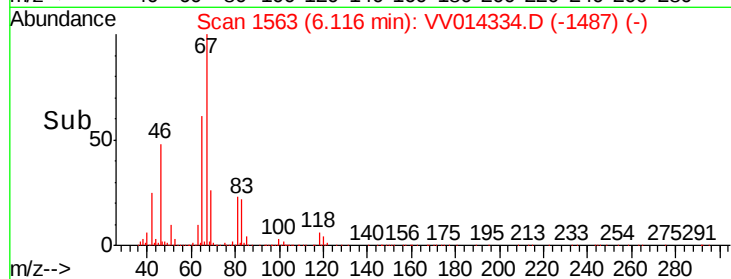
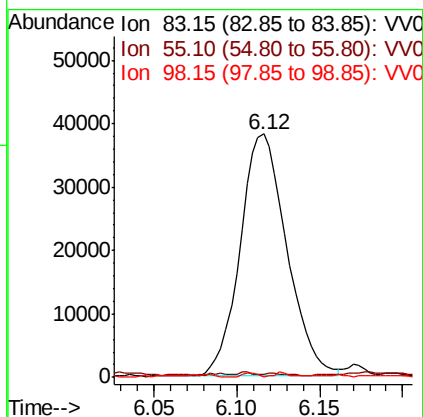
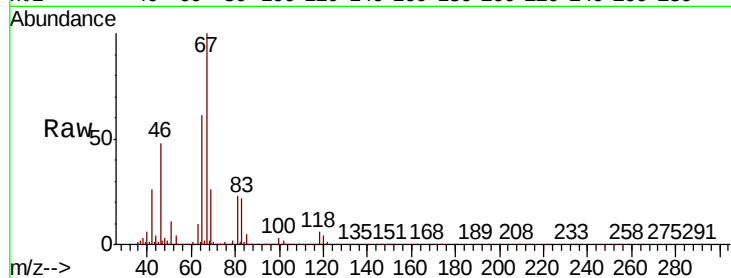




#35
Methvlcvclohexane
Concen: 0.800 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014334.D
Acq: 17 Jan 2020 13:37

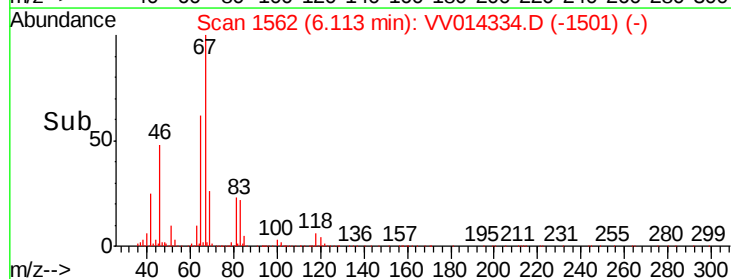
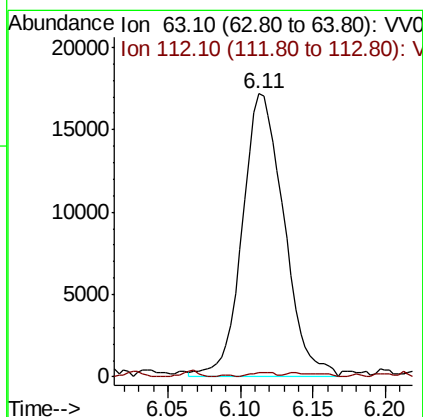
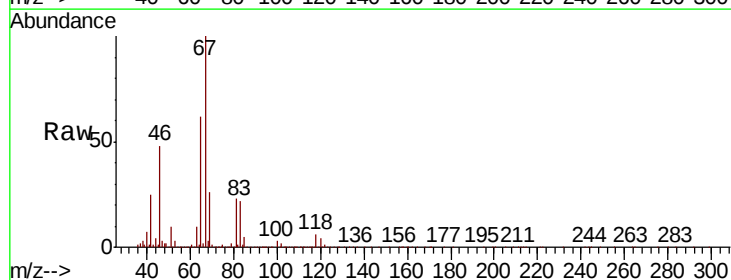
Instrument :
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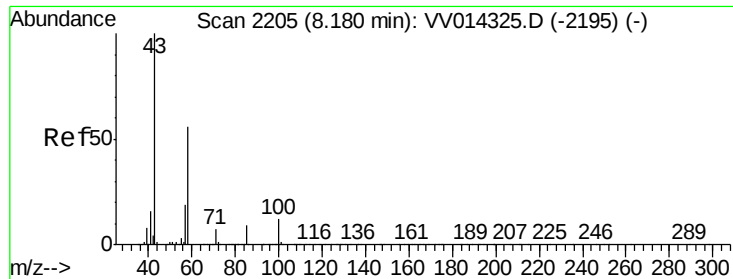
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.4	61.7	92.5#
98	0.9	38.1	57.1#



#37
1,2-Dichloropropane
Concen: 0.612 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV014334.D
Acq: 17 Jan 2020 13:37

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.0	3.7	5.5#

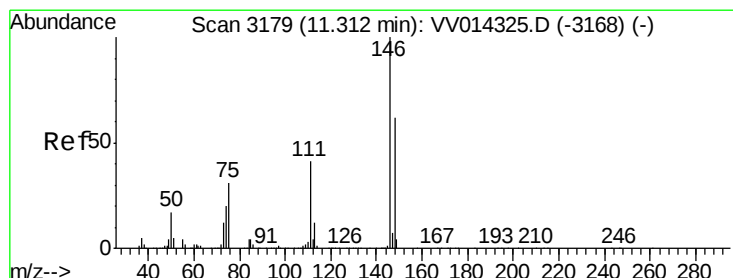
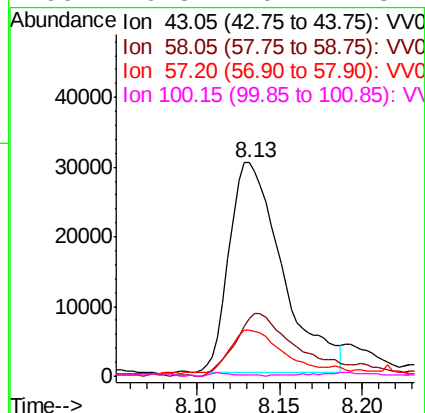
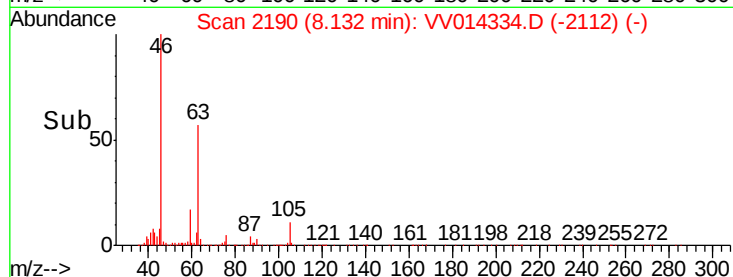
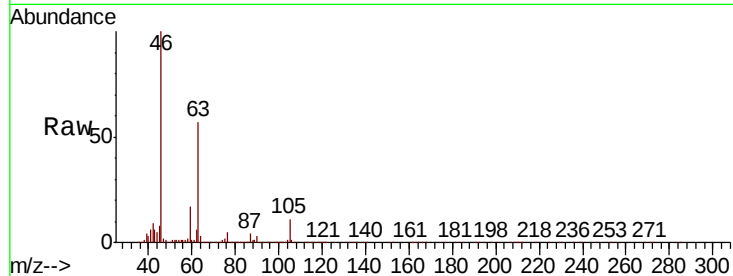




#48
2-Hexanone
Concen: 2.746 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV014334.D
Acq: 17 Jan 2020 13:37

Instrument :
MSVOA_V
ClientSampleId :
BF762

Tot Ion: 43 Resp: 67167
Ion Ratio Lower Upper
43 100
58 34.3 45.4 68.0#
57 19.5 15.8 23.8
100 0.8 10.2 15.4#



#63
1,4-Dichlorobenzene
Concen: 0.125 ug/L
RT: 11.32 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV014334.D
Acq: 17 Jan 2020 13:37

Tgt Ion: 146 Resp: 13284
Ion Ratio Lower Upper
146 100
111 44.7 28.8 53.4
148 63.8 44.5 82.7

