

Data File : VV014753.D
Acq On : 05 Mar 2020 12:27
Operator : SY/MD
Sample : L1782-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB2

Quant Time: Mar 06 02:41:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 06 02:39:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	229469	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	223822	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	105796	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69185	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.58	69	60707	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.13	63	93039	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	3.96	46	176701	47.59	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.18%
24) Chloroform-d	4.40	84	147972	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.08	65	80801	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.10	84	306156	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.11	67	98845	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.36	98	271236	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.66	79	33749	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.13	63	132749	41.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.58%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	69573	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	100449	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

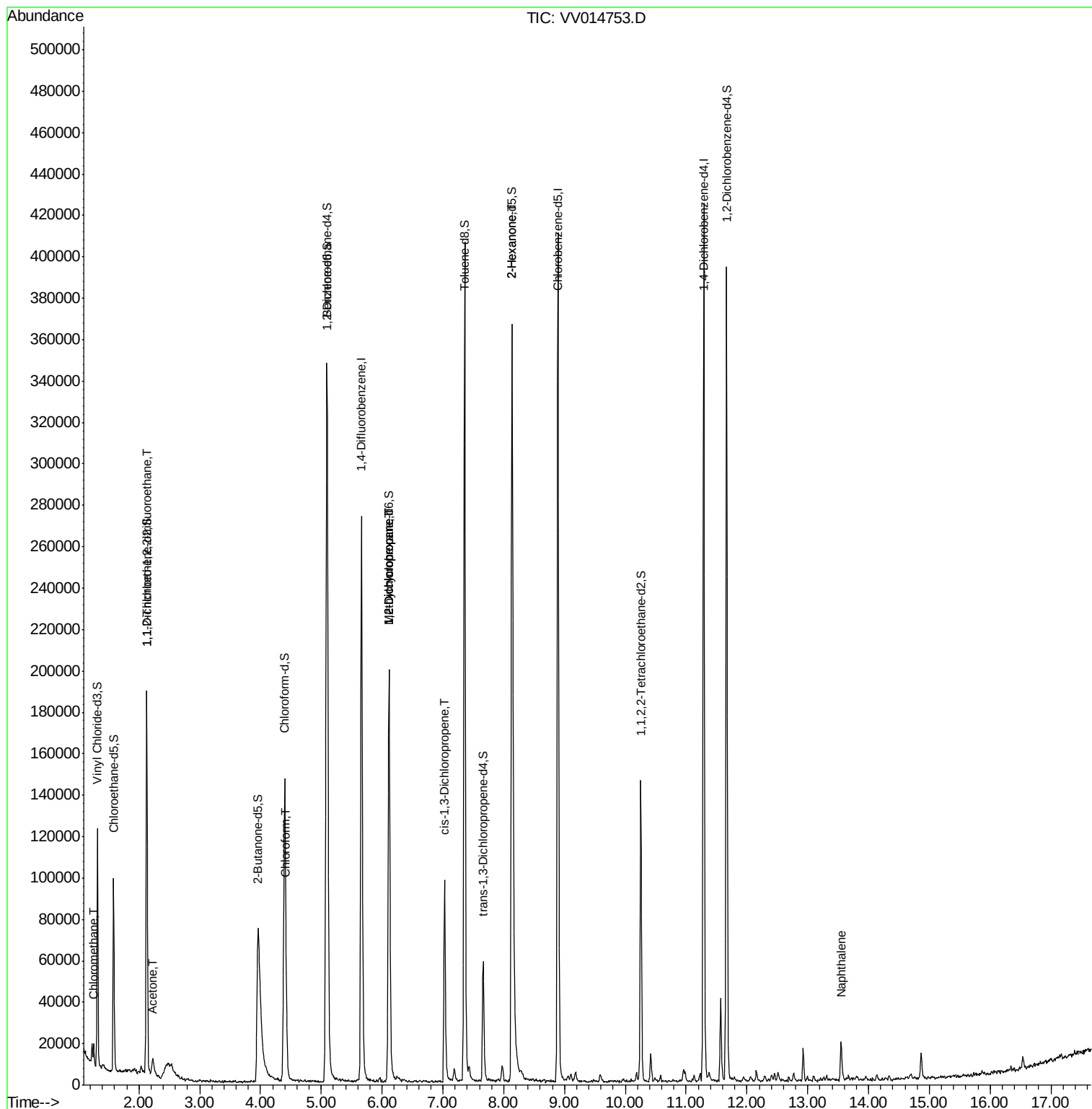
						Qvalue
3) Chloromethane	1.25	50	5874	0.253	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1089	0.072	ug/L #	18
13) Acetone	2.23	43	7714	3.087	ug/L	77
25) Chloroform	4.43	83	9707	0.289	ug/L	95
35) Methylcyclohexane	6.12	83	23658	0.723	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	10564	0.563	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	2654	0.098	ug/L #	41
48) 2-Hexanone	8.14	43	23544	2.939	ug/L #	47
69) Naphthalene	13.55	128	14290	0.348	ug/L	99

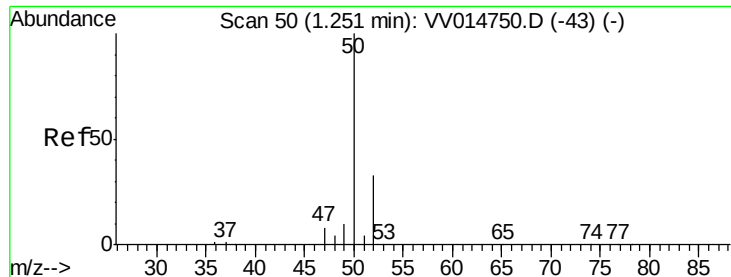
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.253 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

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Acq: 05 Mar 2020 12:27

Instrument :

MSVOA_V

ClientSampleId :

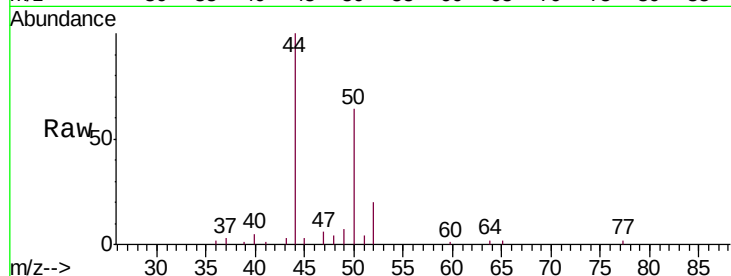
C0AB2

Tgt Ion: 50 Resp: 5874

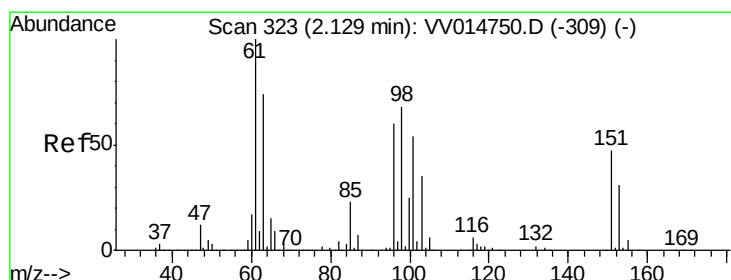
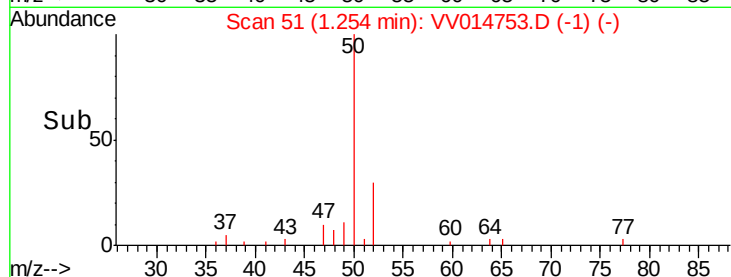
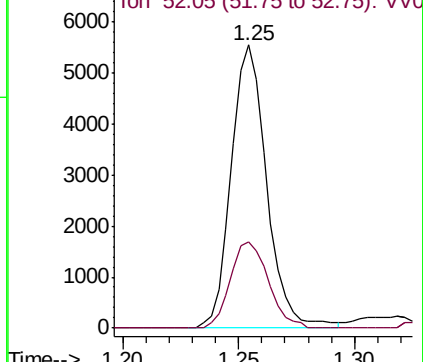
Ion Ratio Lower Upper

50 100

52 30.3 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV014753.D (-1) (-)



#10

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

Concen: 0.072 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV014753.D

Acq: 05 Mar 2020 12:27

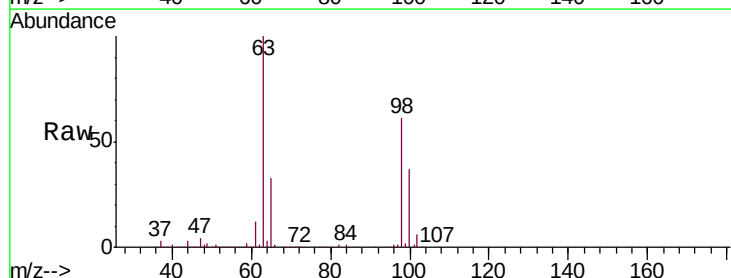
Tgt Ion: 101 Resp: 1089

Ion Ratio Lower Upper

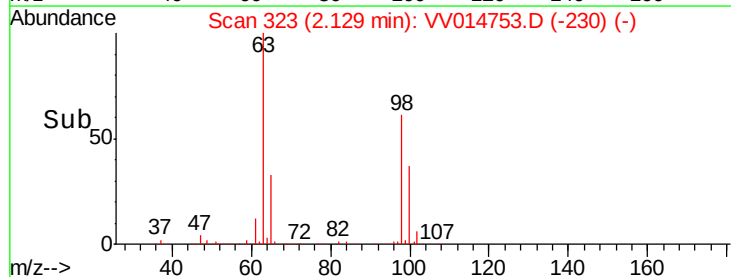
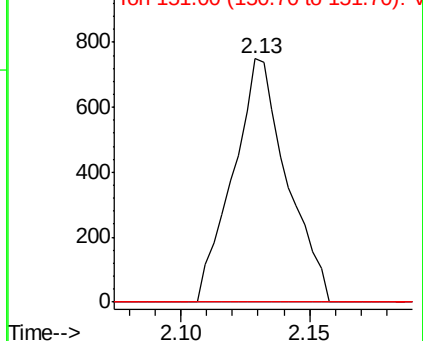
101 100

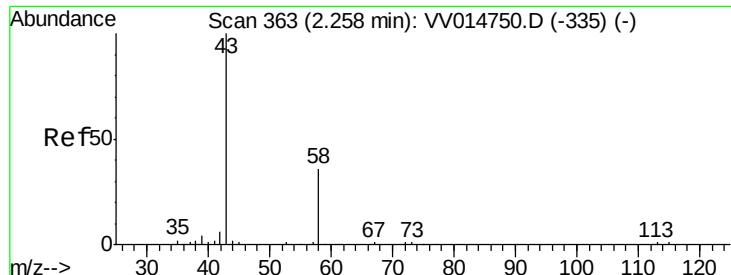
85 1.8 35.3 52.9#

151 0.0 65.3 97.9#



Abundance Ion 101.00 (100.70 to 101.70): VV014753.D (-230) (-)





#13

Acetone

Concen: 3.087 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.03 min

Lab File: VV014753.D

Acq: 05 Mar 2020 12:27

Instrument :

MSVOA_V

ClientSampleId :

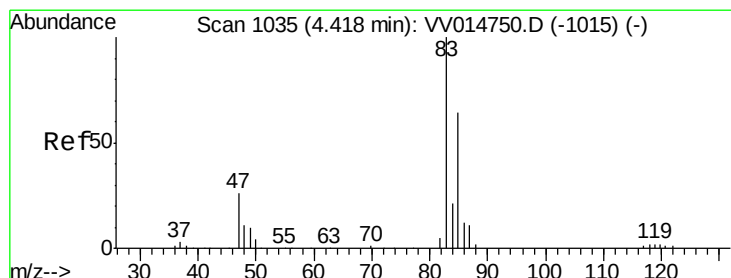
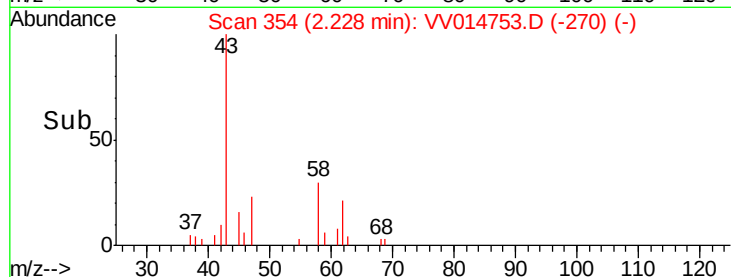
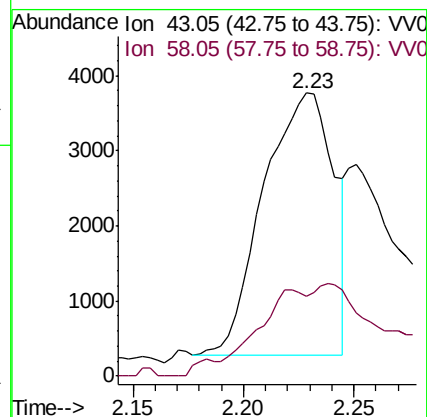
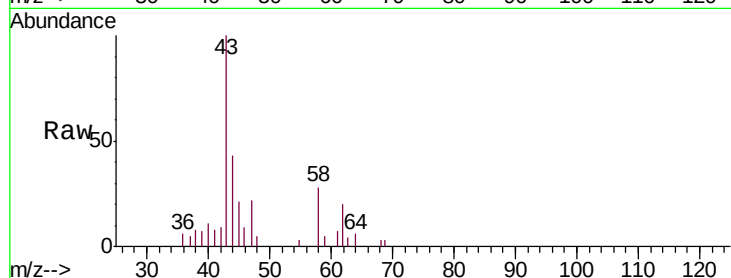
C0AB2

Tgt Ion: 43 Resp: 7714

Ion Ratio Lower Upper

43 100

58 18.4 0.0 20.0



#25

Chloroform

Concen: 0.289 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV014753.D

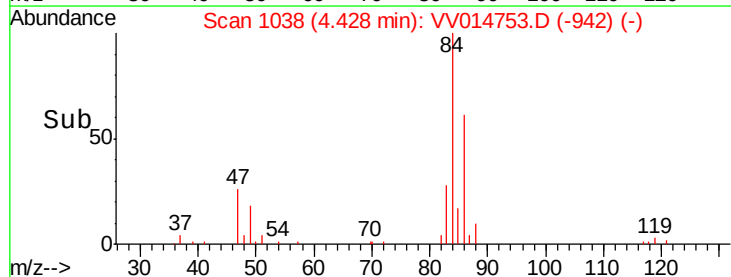
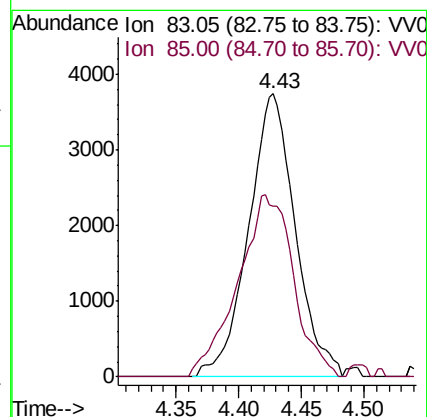
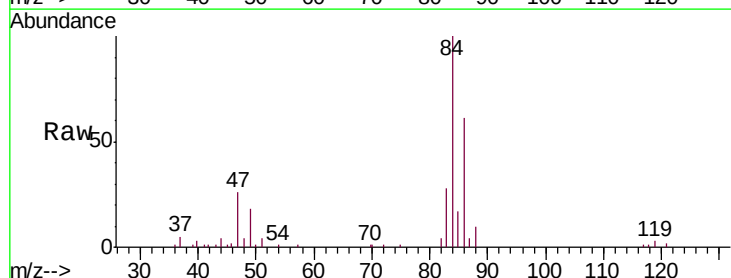
Acq: 05 Mar 2020 12:27

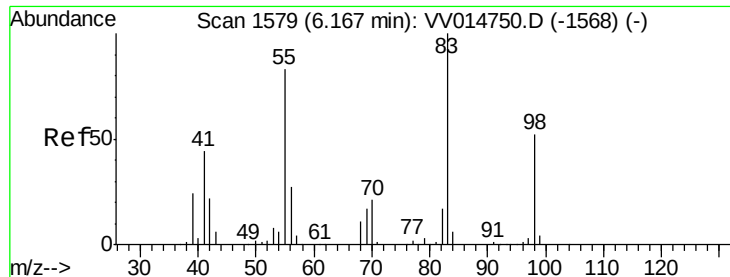
Tgt Ion: 83 Resp: 9707

Ion Ratio Lower Upper

83 100

85 60.2 44.7 83.1

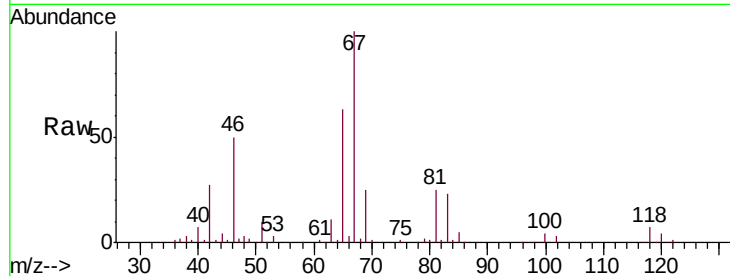




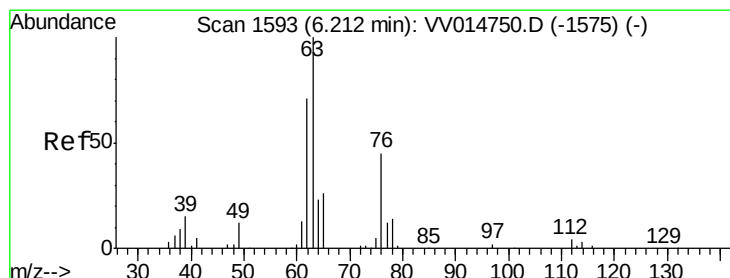
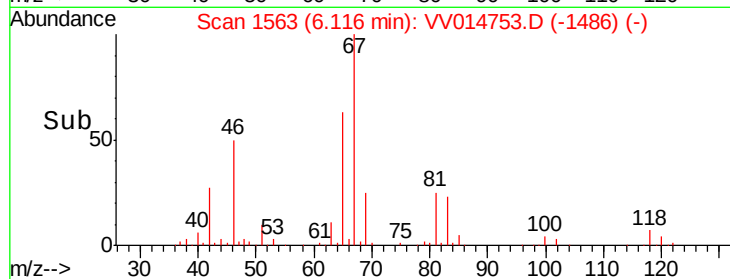
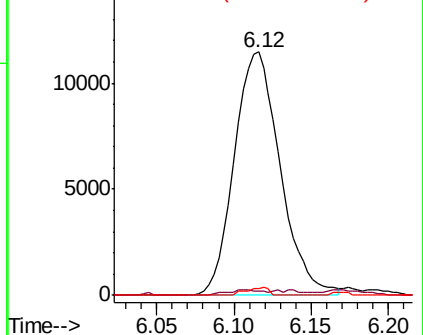
#35
Methylcyclohexane
Concen: 0.723 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014753.D
Acq: 05 Mar 2020 12:27

Instrument :
MSVOA_V
ClientSampleId :
C0AB2

Tgt Ion: 83 Resp: 23658
Ion Ratio Lower Upper
83 100
55 0.5 64.6 96.8#
98 1.6 37.8 56.8#

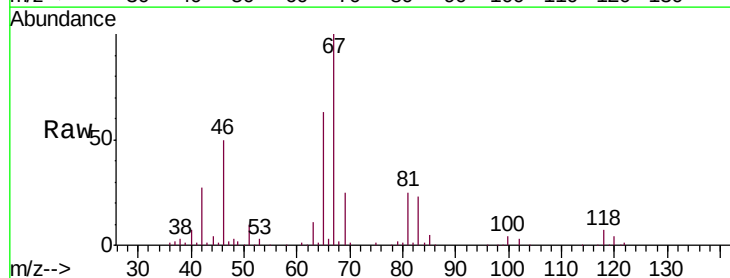


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

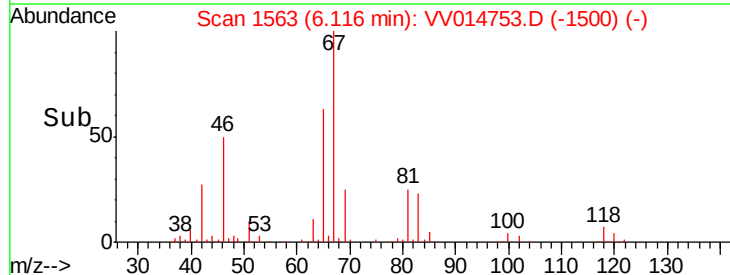
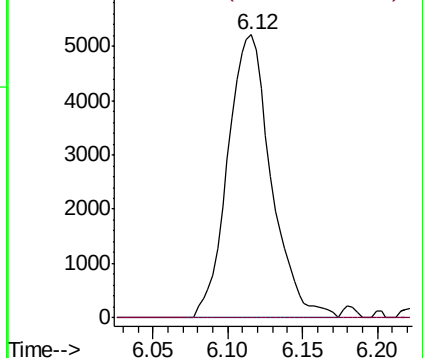


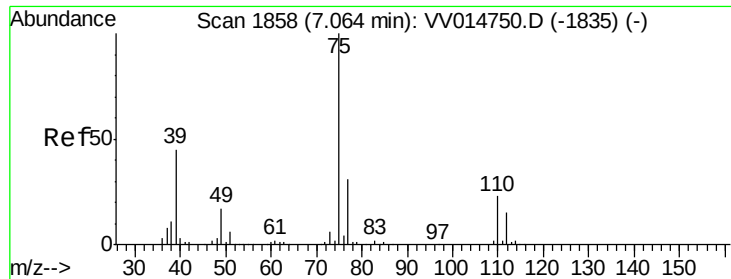
#37
1,2-Dichloropropane
Concen: 0.563 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV014753.D
Acq: 05 Mar 2020 12:27

Tgt Ion: 63 Resp: 10564
Ion Ratio Lower Upper
63 100
112 0.2 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



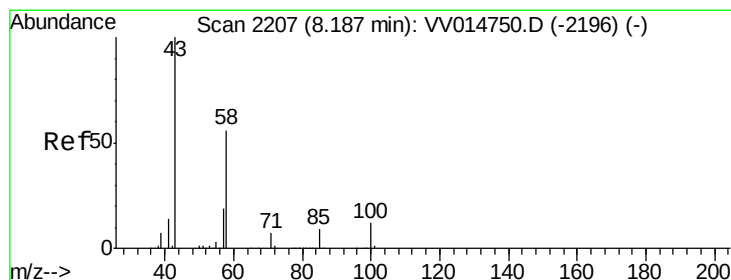
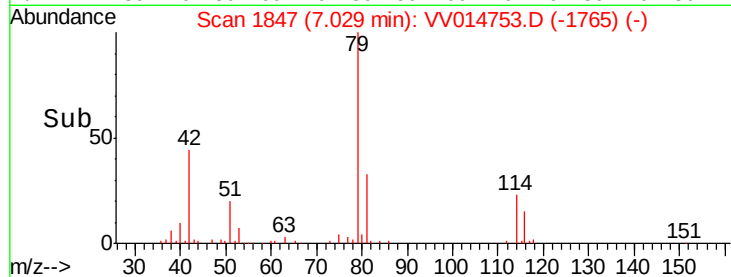
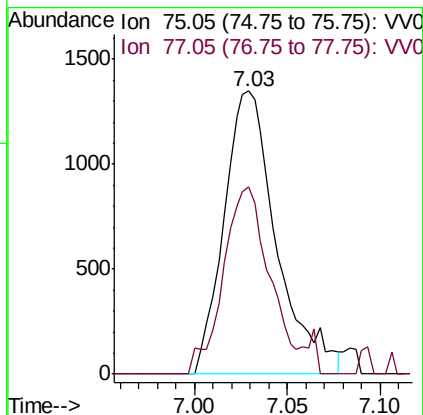
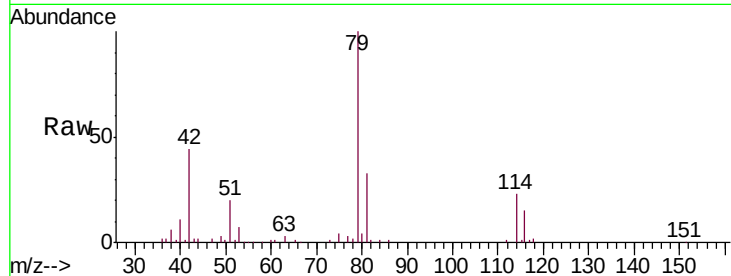


#39

cis-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV014753.D
Acq: 05 Mar 2020 12:27

Instrument :
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ClientSampleId :
C0AB2

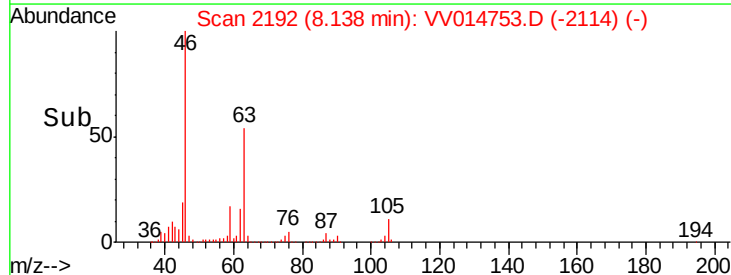
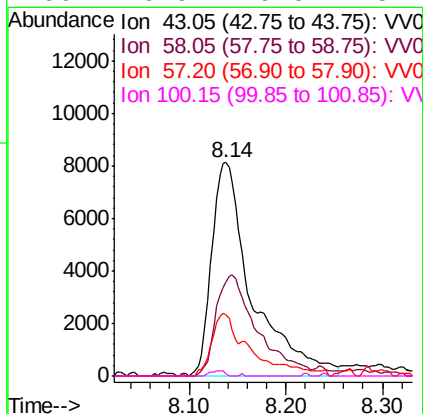
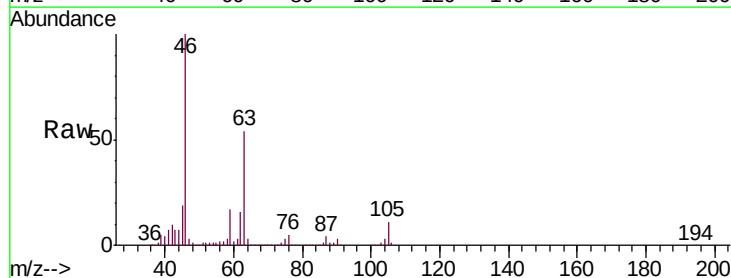
Tgt Ion: 75 Resp: 2654
Ion Ratio Lower Upper
75 100
77 66.0 23.0 42.8#

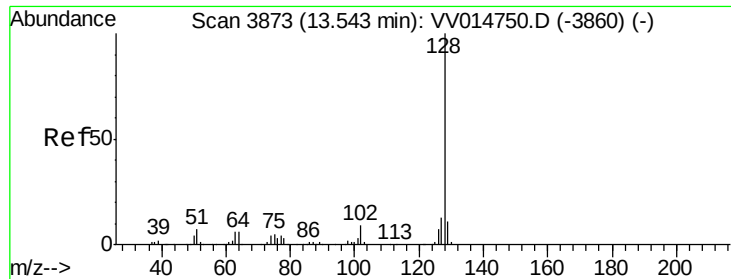


#48

2-Hexanone
Concen: 2.939 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV014753.D
Acq: 05 Mar 2020 12:27

Tgt Ion: 43 Resp: 23544
Ion Ratio Lower Upper
43 100
58 0.0 43.1 64.7#
57 16.3 14.6 21.8
100 0.9 9.0 13.4#





#69

Naphthalene

Concen: 0.348 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. 0.01 min

Lab File: VV014753.D

Acq: 05 Mar 2020 12:27

Instrument :

MSVOA_V

ClientSampleId :

C0AB2

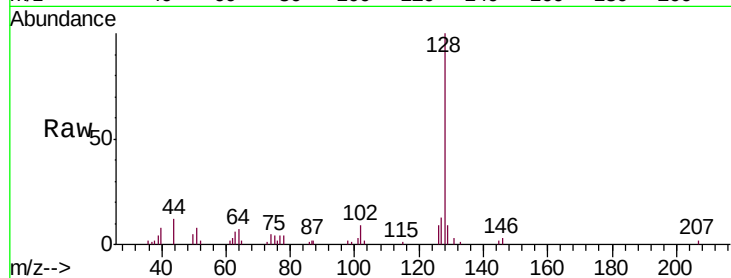
Tgt Ion:128 Resp: 14290

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 12.5 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

