

Data File : VV014755.D
Acq On : 05 Mar 2020 13:15
Operator : SY/MD
Sample : L1782-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB4

Quant Time: Mar 06 02:42:08 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	235513	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	230717	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	110891	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67397	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.59	69	58704	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	2.13	63	93186	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	3.96	46	188739	49.52	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.04%
24) Chloroform-d	4.40	84	139623	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.08	65	79652	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.10	84	304004	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.12	67	98244	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.36	98	268304	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.66	79	34731	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.13	63	127699	39.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	70037	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	103504	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

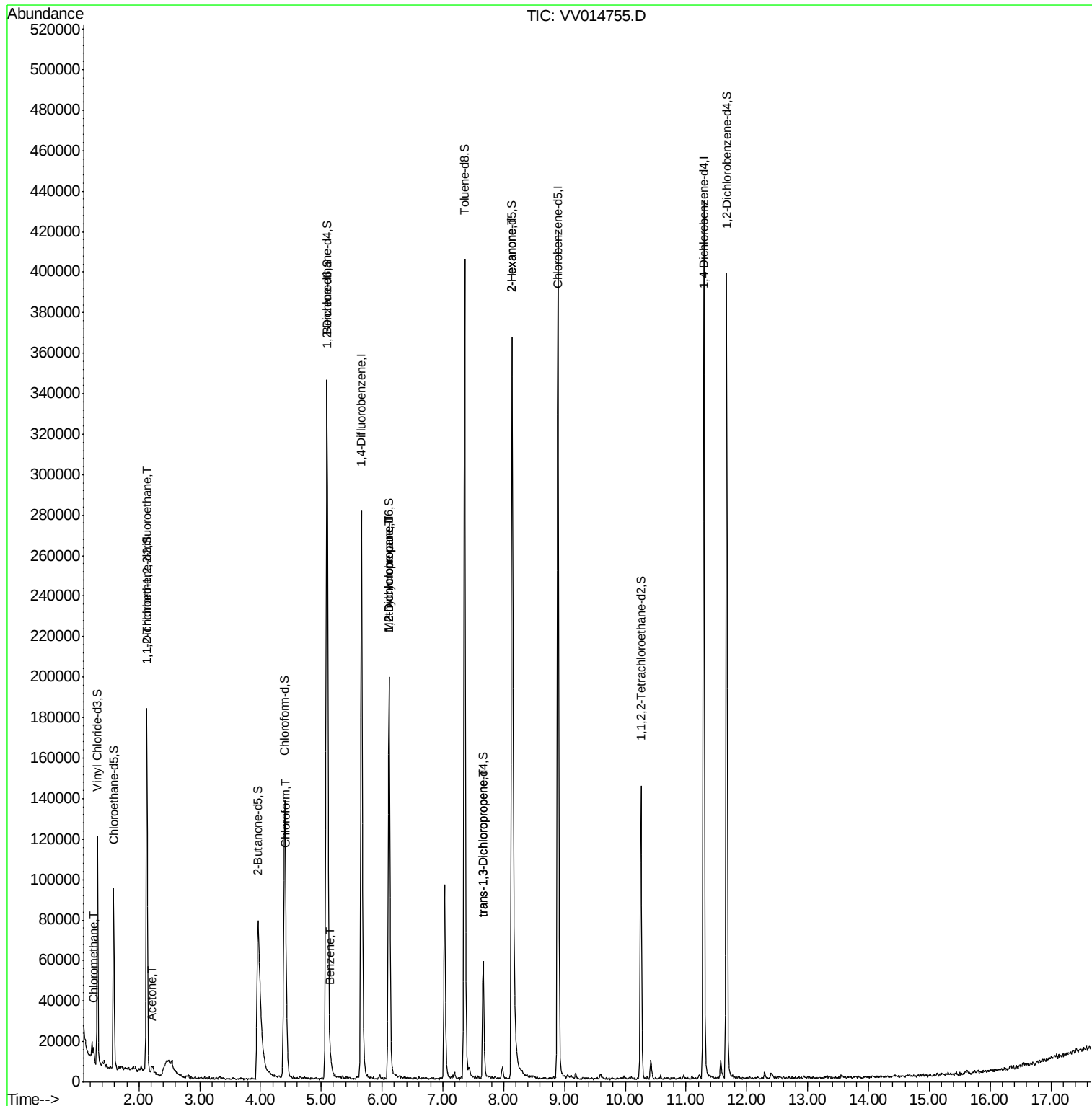
						Qvalue
3) Chloromethane	1.25	50	3458	0.145	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1184	0.076	ug/L #	18
13) Acetone	2.22	43	6964	2.715	ug/L	95
25) Chloroform	4.42	83	14673	0.426	ug/L	94
33) Benzene	5.14	78	4822	0.064	ug/L	100
35) Methylcyclohexane	6.12	83	23679	0.702	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	10654	0.551	ug/L #	89
44) trans-1,3-Dichloropropene	7.66	75	1666	0.077	ug/L #	81
48) 2-Hexanone	8.13	43	19904	2.411	ug/L #	82

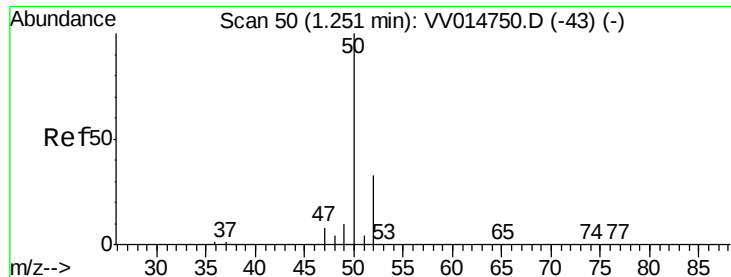
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.145 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

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Acq: 05 Mar 2020 13:15

Instrument :

MSVOA_V

ClientSampleId :

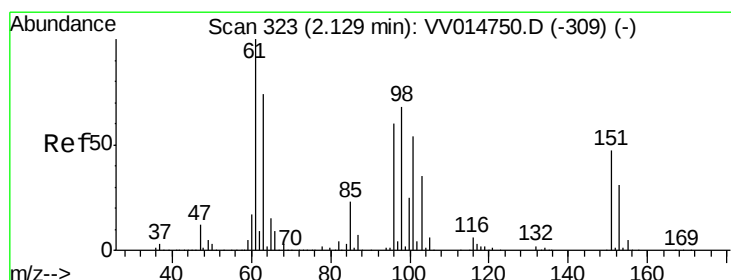
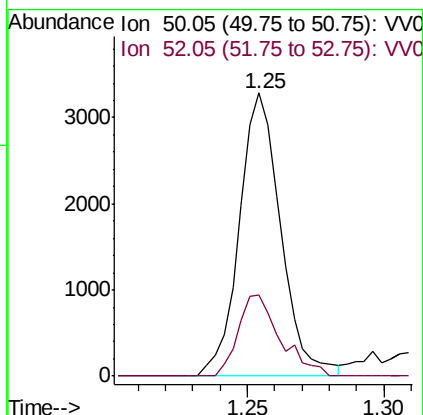
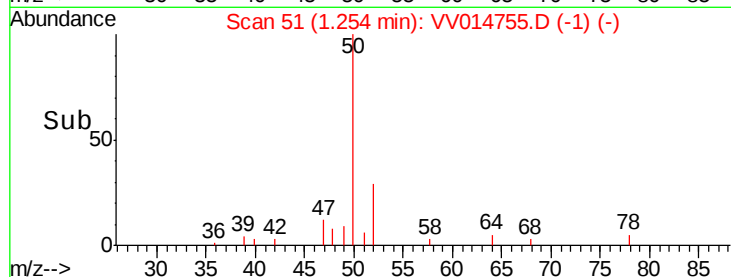
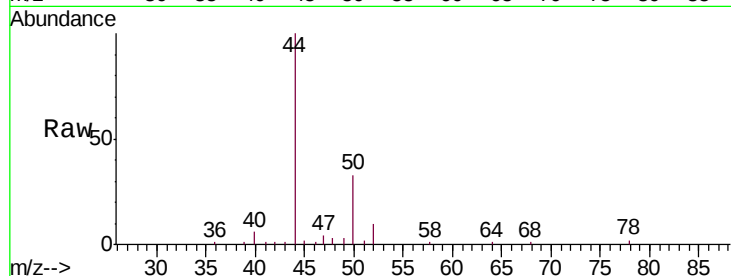
C0AB4

Tgt Ion: 50 Resp: 3458

Ion Ratio Lower Upper

50 100

52 28.9 22.9 42.5



#10

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

Concen: 0.076 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

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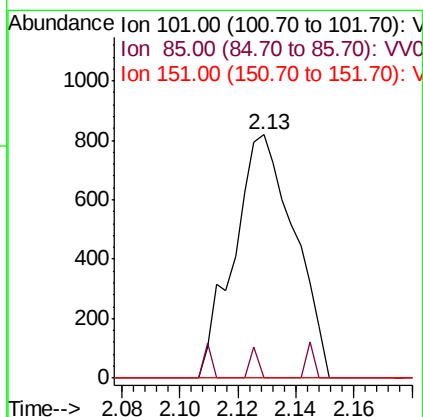
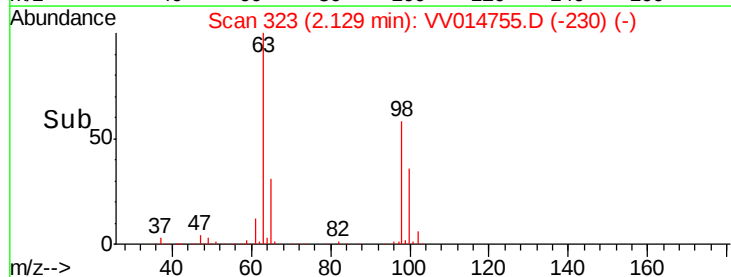
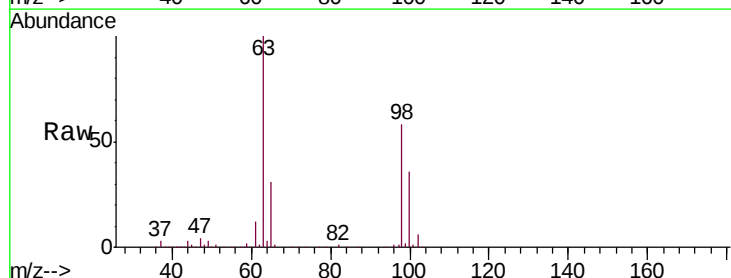
Tgt Ion: 101 Resp: 1184

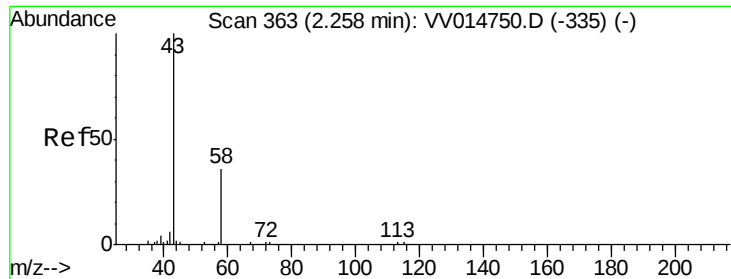
Ion Ratio Lower Upper

101 100

85 1.7 35.3 52.9#

151 0.0 65.3 97.9#





#13

Acetone

Concen: 2.715 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.04 min

Lab File: VV014755.D

Acq: 05 Mar 2020 13:15

Instrument :

MSVOA_V

ClientSampleId :

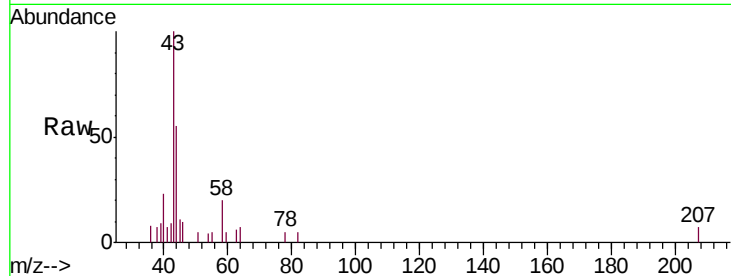
C0AB4

Tgt Ion: 43 Resp: 6964

Ion Ratio Lower Upper

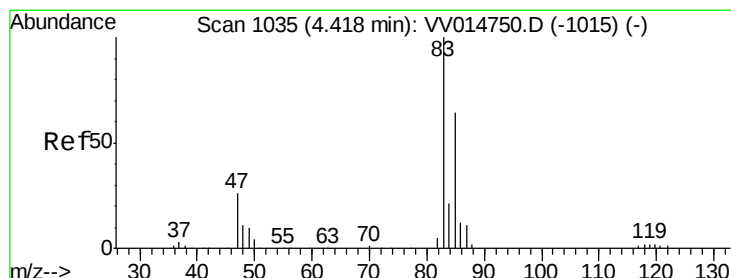
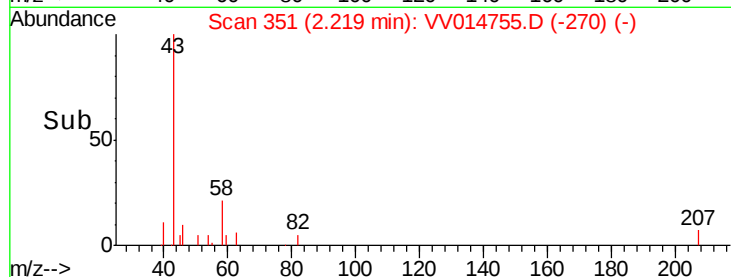
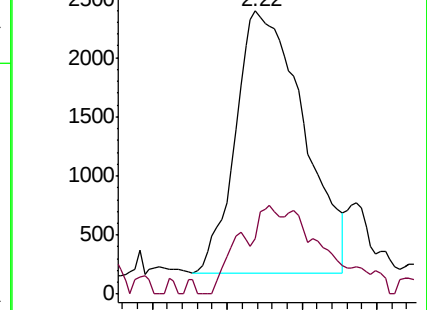
43 100

58 8.1 0.0 20.0



Abundance Ion 43.05 (42.75 to 43.75): VV014750.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV014750.D (-335) (-)



#25

Chloroform

Concen: 0.426 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VV014755.D

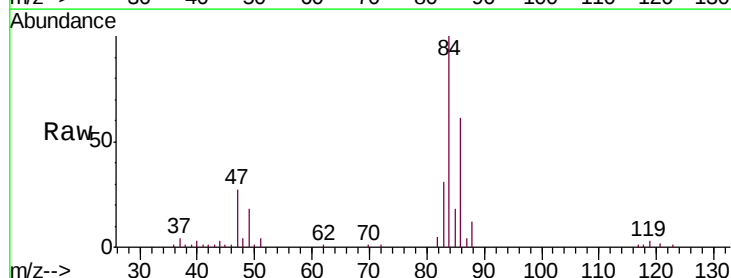
Acq: 05 Mar 2020 13:15

Tgt Ion: 83 Resp: 14673

Ion Ratio Lower Upper

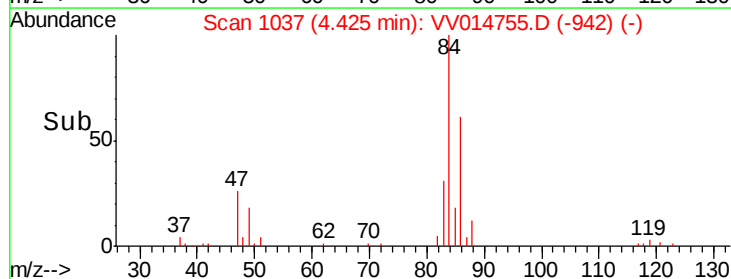
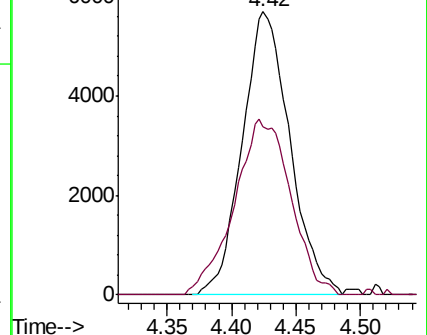
83 100

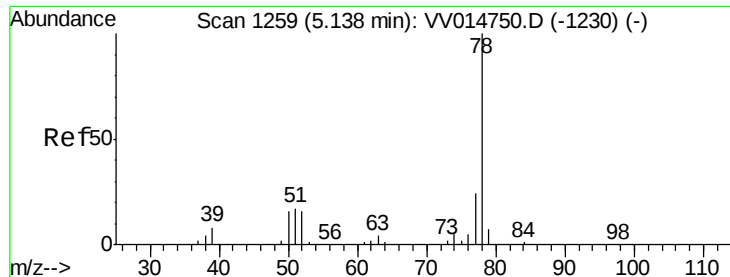
85 59.6 44.7 83.1



Abundance Ion 83.05 (82.75 to 83.75): VV014750.D (-1015) (-)

Ion 85.00 (84.70 to 85.70): VV014750.D (-1015) (-)

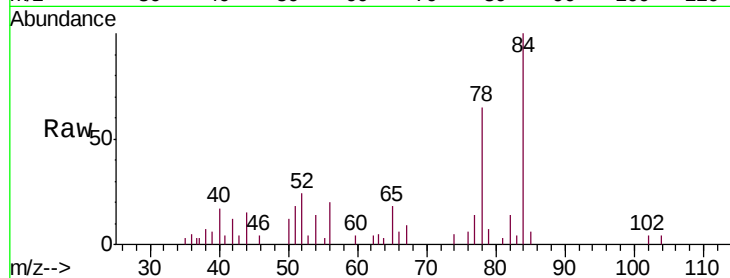




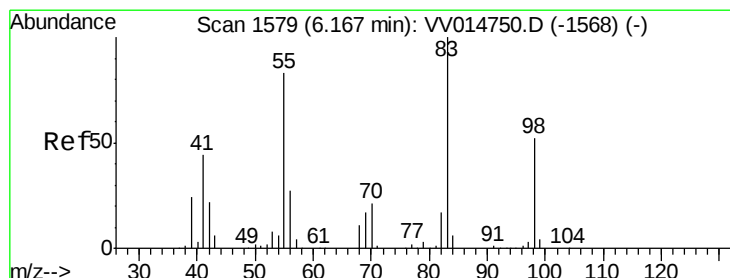
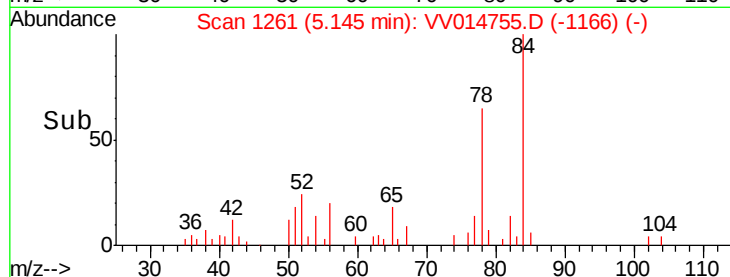
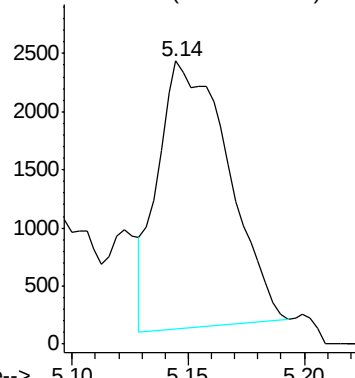
#33
Benzene
Concen: 0.064 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.01 min
Lab File: VV014755.D
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Tgt Ion: 78 Resp: 4822

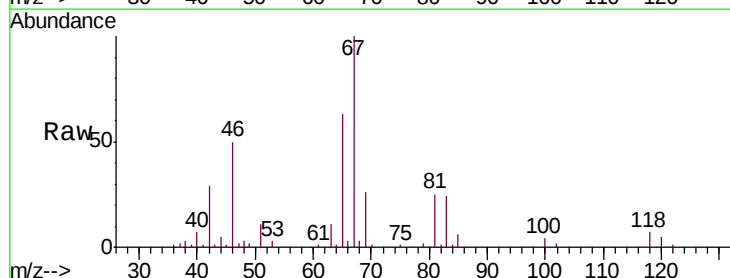


Abundance Ion 78.10 (77.80 to 78.80): VV0



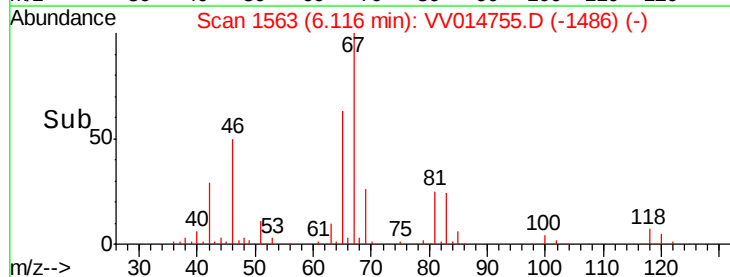
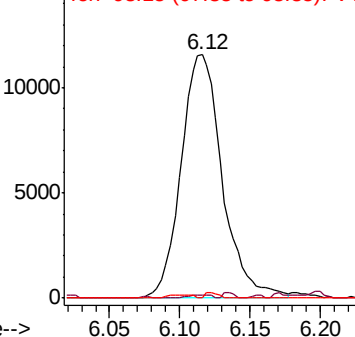
#35
Methylcyclohexane
Concen: 0.702 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014755.D
Acq: 05 Mar 2020 13:15

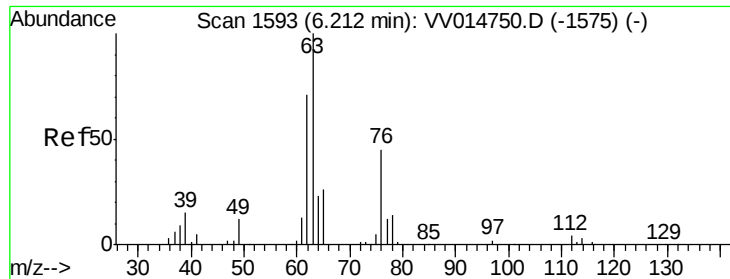
Tgt Ion: 83 Resp: 23679
Ion Ratio Lower Upper
83 100
55 0.8 64.6 96.8#
98 0.7 37.8 56.8#



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

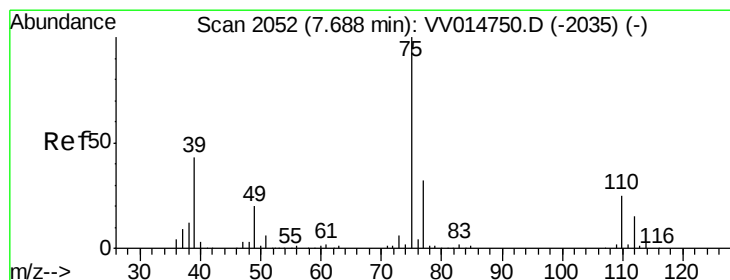
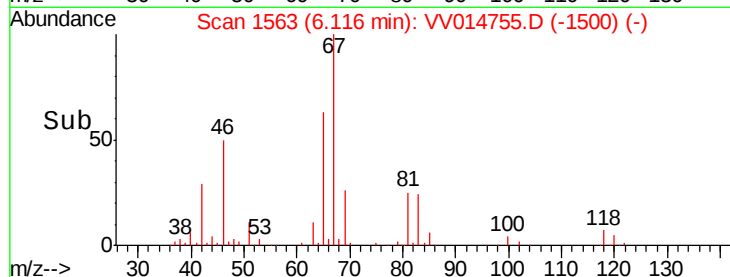
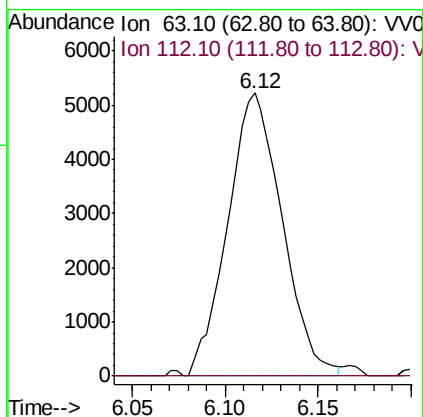
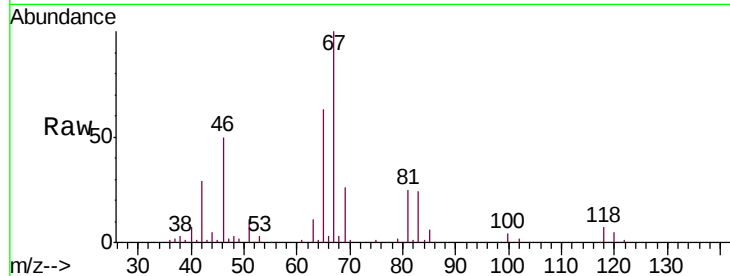




#37
 1,2-Dichloropropane
 Concen: 0.551 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV014755.D
 Acq: 05 Mar 2020 13:15

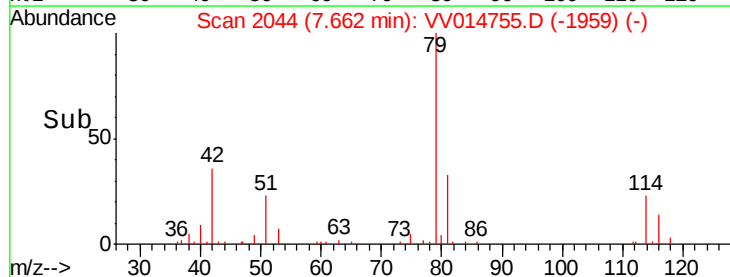
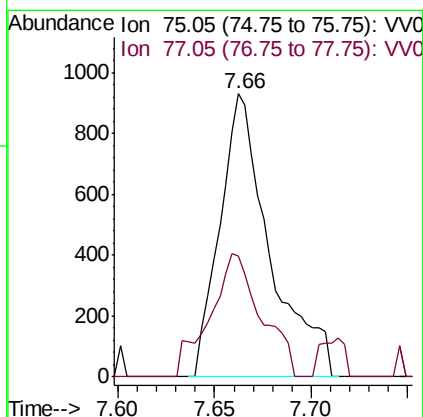
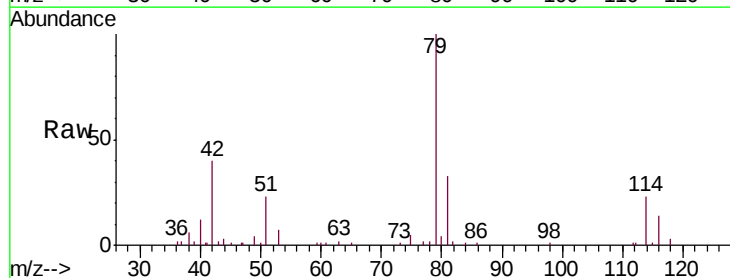
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB4

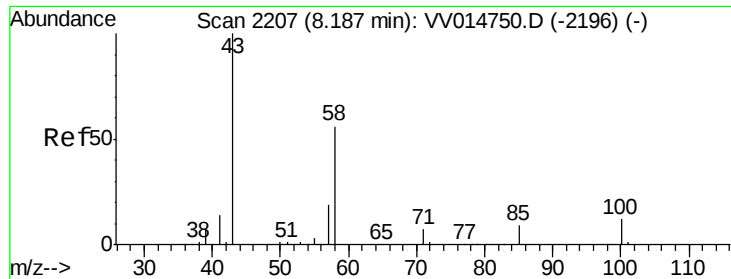
Tgt Ion: 63 Resp: 10654
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.4 5.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV014755.D
 Acq: 05 Mar 2020 13:15

Tgt Ion: 75 Resp: 1666
 Ion Ratio Lower Upper
 75 100
 77 42.9 22.5 41.9#





#48
 2-Hexanone
 Concen: 2.411 ug/L
 RT: 8.13 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV014755.D
 Acq: 05 Mar 2020 13:15

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB4

Tgt Ion:	43	Resp:	19904
Ion	Ratio	Lower	Upper
43	100		
58	65.3	43.1	64.7#
57	27.1	14.6	21.8#
100	0.8	9.0	13.4#

