

Data File : VV014721.D
Acq On : 28 Feb 2020 20:53
Operator : SY/MD
Sample : L1730-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XW2

Quant Time: Feb 28 23:40:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 28 23:36:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	258419	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	247603	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	120470	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97550	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.58	69	78222	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.13	63	126172	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	3.98	46	204148	48.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.64%
24) Chloroform-d	4.40	84	177030	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.08	65	93938	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.09	84	364439	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.11	67	115448	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.35	98	324679	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.66	79	40746	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.14	63	167245	47.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.18%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	79337	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	116243	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

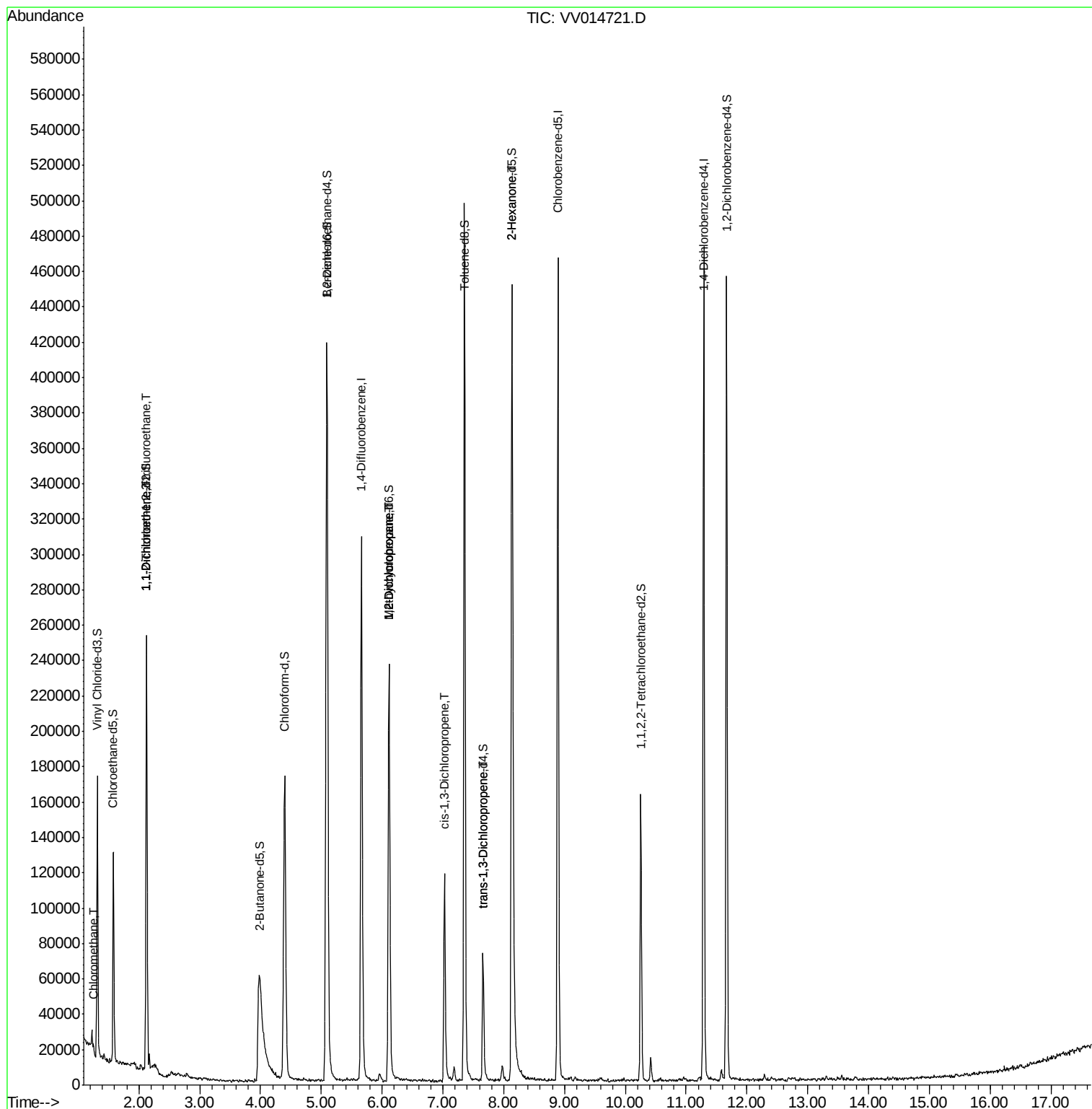
						Qvalue
3) Chloromethane	1.25	50	3243	0.124	ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1214	0.071	ug/L #	28
12) 1,1-Dichloroethene	2.13	96	1212	0.074	ug/L #	1
35) Methylcyclohexane	6.12	83	27015	0.746	ug/L #	17
37) 1,2-Dichloropropane	6.11	63	12482	0.601	ug/L #	89
39) cis-1,3-Dichloropropene	7.02	75	3012	0.100	ug/L	91
44) trans-1,3-Dichloropropene	7.66	75	1880	0.081	ug/L #	50
48) 2-Hexanone	8.14	43	27288	3.080	ug/L #	80

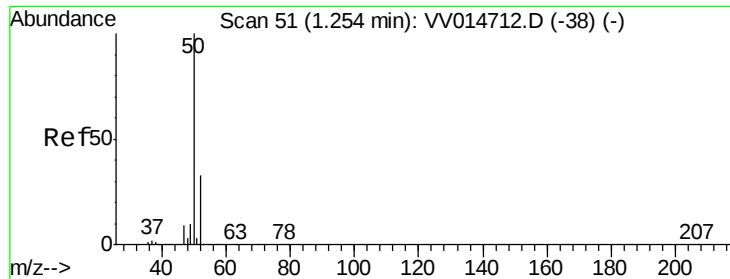
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.124 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

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Acq: 28 Feb 2020 20:53

Instrument :

MSVOA_V

ClientSampleId :

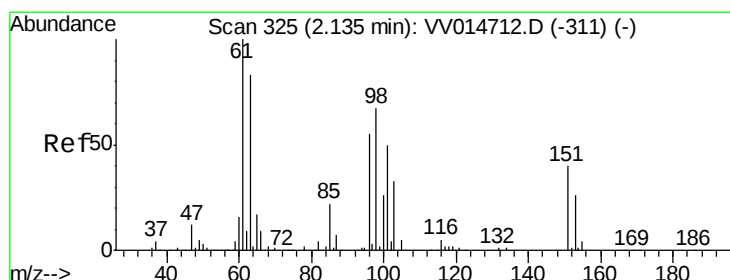
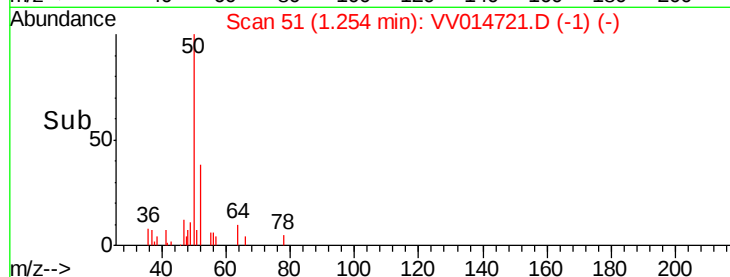
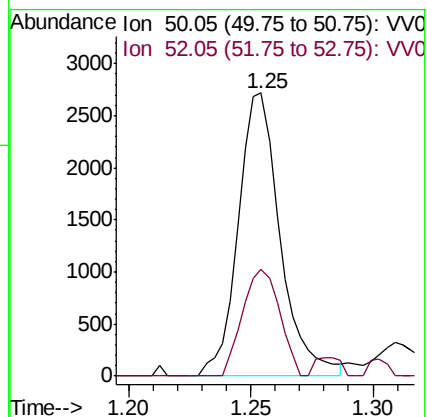
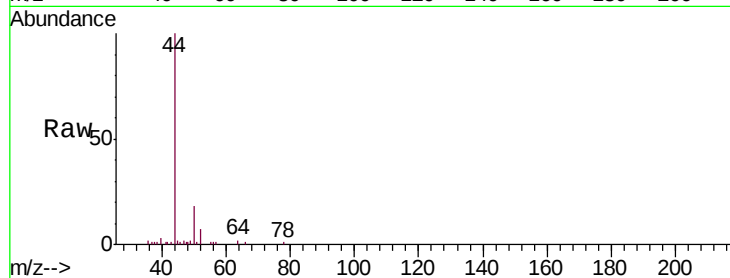
C0XW2

Tgt Ion: 50 Resp: 3243

Ion Ratio Lower Upper

50 100

52 37.9 22.9 42.5



#10

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

Concen: 0.071 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014721.D

Acq: 28 Feb 2020 20:53

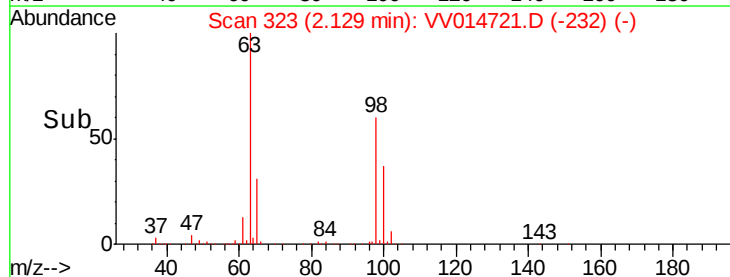
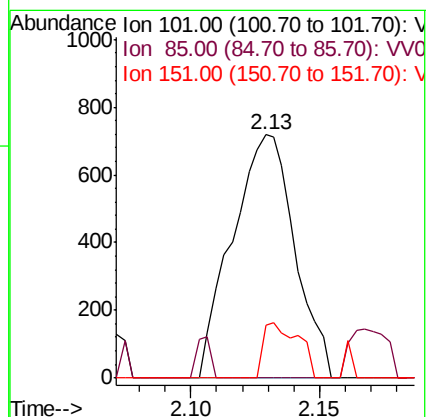
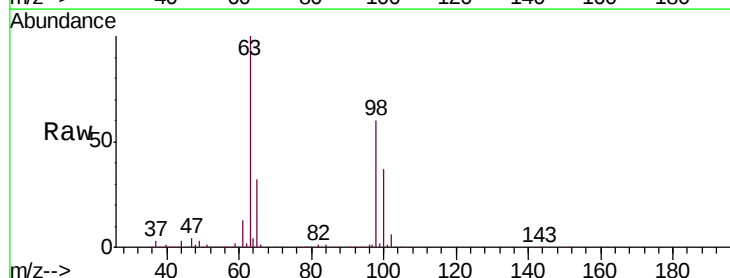
Tgt Ion: 101 Resp: 1214

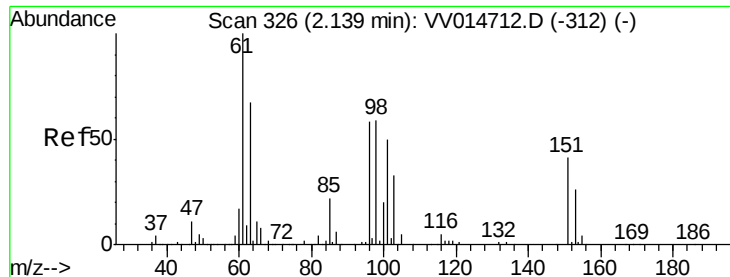
Ion Ratio Lower Upper

101 100

85 3.7 35.3 52.9#

151 12.8 65.3 97.9#





#12

1,1-Dichloroethene

Concen: 0.074 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014721.D

Acq: 28 Feb 2020 20:53

Instrument :

MSVOA_V

ClientSampleId :

C0XW2

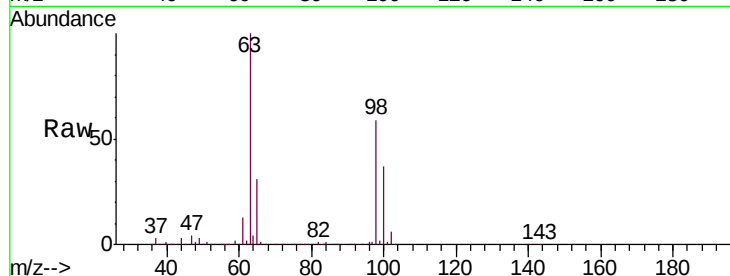
Tgt Ion: 96 Resp: 1212

Ion Ratio Lower Upper

96 100

61 1404.7 121.3 225.3#

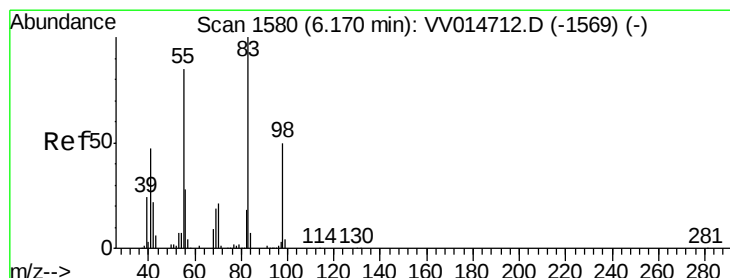
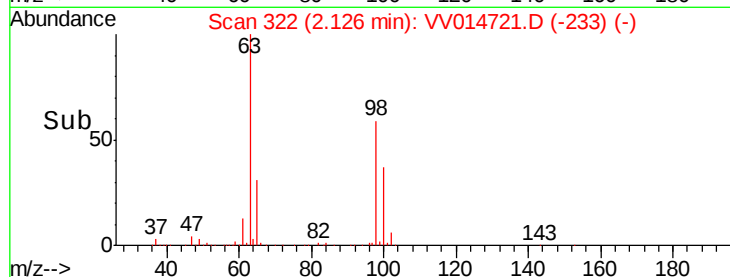
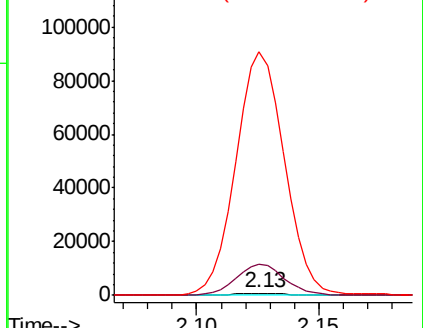
63 11023.1 81.6 151.6#



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



#35

Methylcyclohexane

Concen: 0.746 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV014721.D

Acq: 28 Feb 2020 20:53

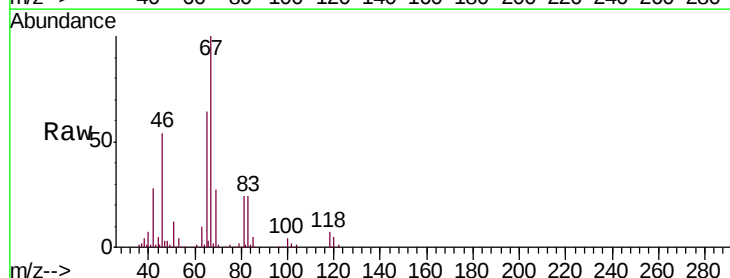
Tgt Ion: 83 Resp: 27015

Ion Ratio Lower Upper

83 100

55 0.6 64.6 96.8#

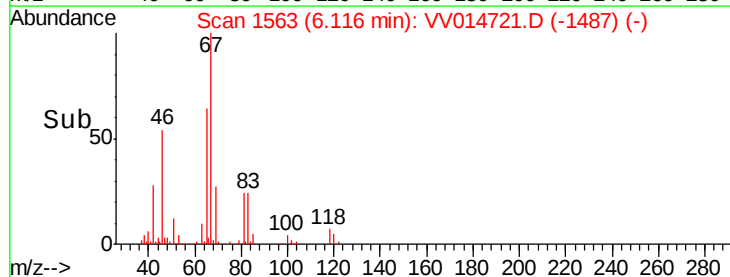
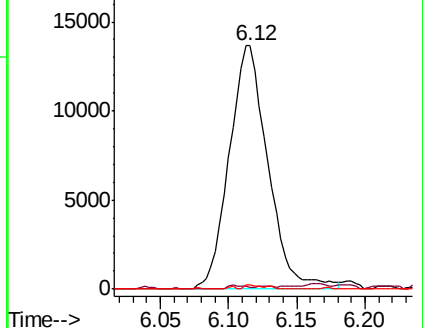
98 0.8 37.8 56.8#

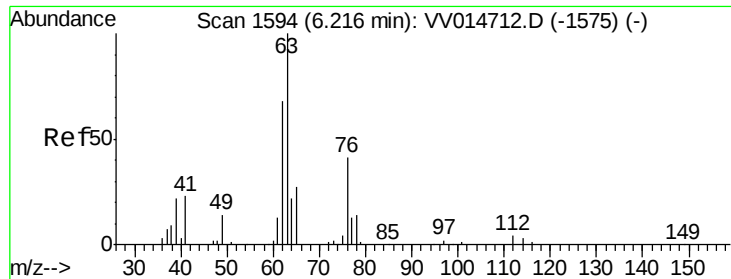


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

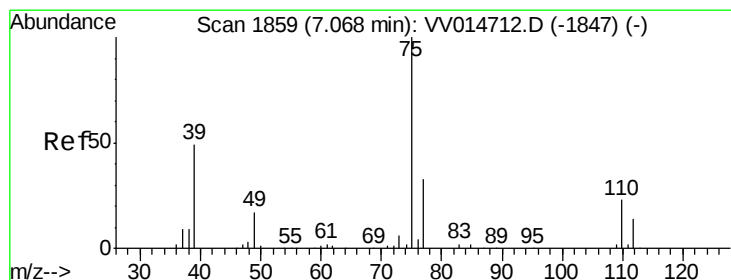
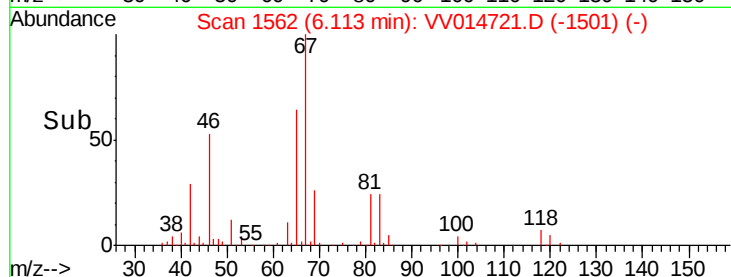
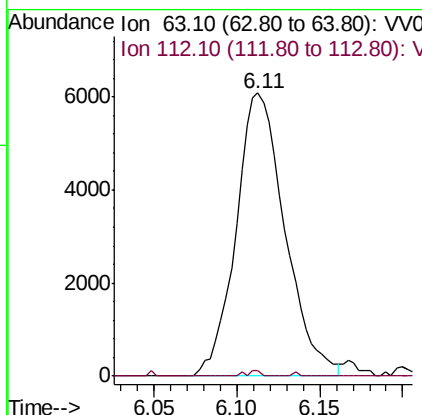
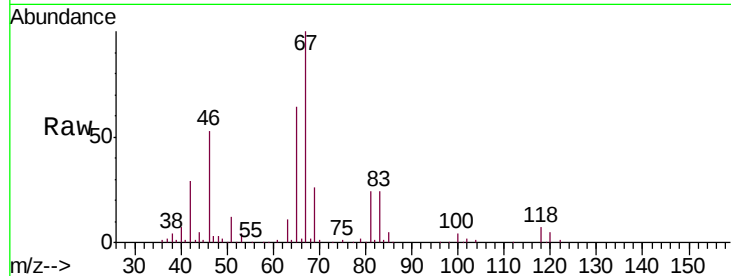




#37
 1,2-Dichloropropane
 Concen: 0.601 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV014721.D
 Acq: 28 Feb 2020 20:53

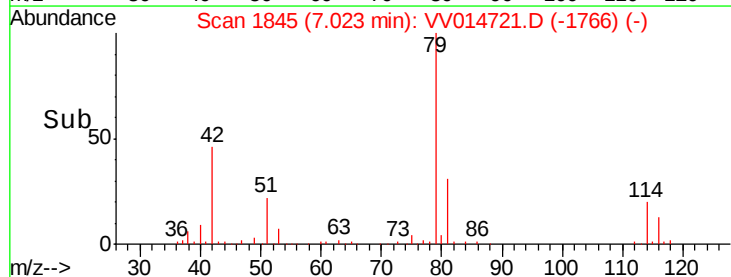
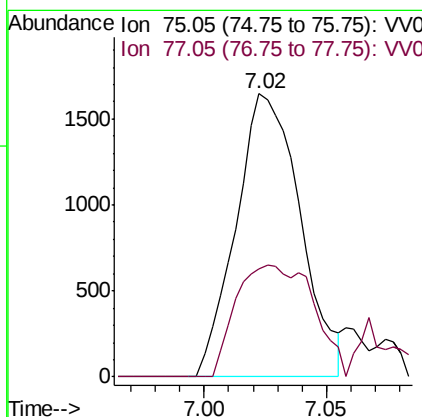
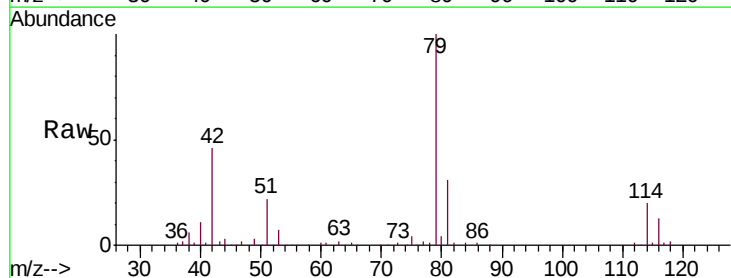
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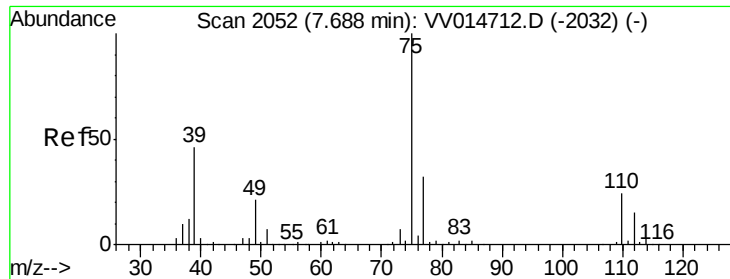
Tgt Ion: 63 Resp: 12482
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.04 min
 Lab File: VV014721.D
 Acq: 28 Feb 2020 20:53

Tgt Ion: 75 Resp: 3012
 Ion Ratio Lower Upper
 75 100
 77 38.1 23.0 42.8





#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV014721.D

Acq: 28 Feb 2020 20:53

Instrument :

MSVOA_V

ClientSampleId :

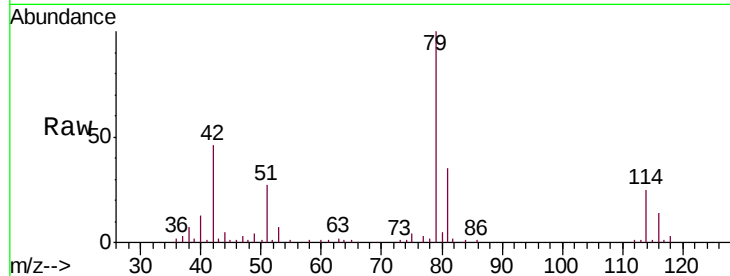
C0XW2

Tgt Ion: 75 Resp: 1880

Ion Ratio Lower Upper

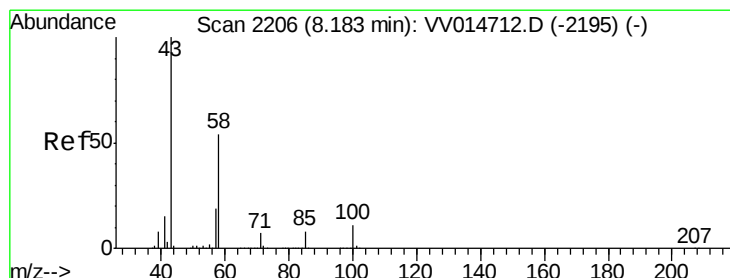
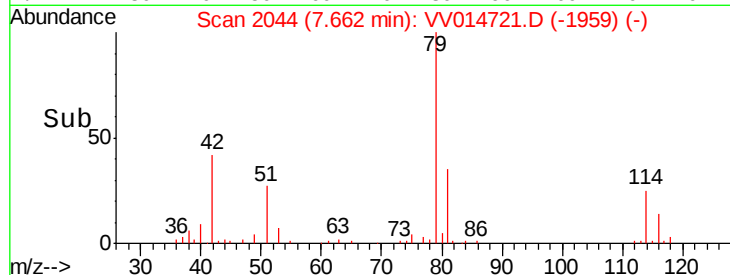
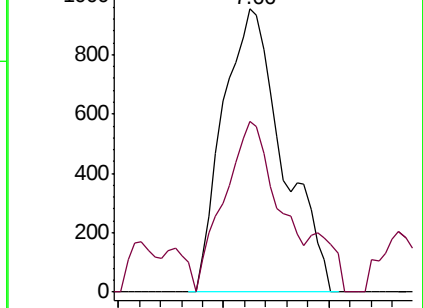
75 100

77 60.4 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 3.080 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV014721.D

Acq: 28 Feb 2020 20:53

Tgt Ion: 43 Resp: 27288

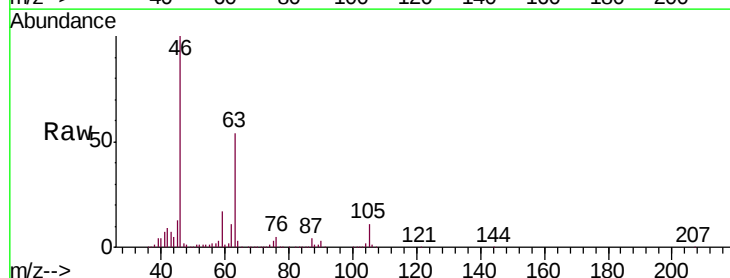
Ion Ratio Lower Upper

43 100

58 36.8 43.1 64.7#

57 20.0 14.6 21.8

100 0.3 9.0 13.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

