

Data File : VV012791.D
Acq On : 15 Sep 2019 10:22
Operator : SY/MD
Sample : K4834-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMJ5

Quant Time: Sep 16 07:19:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 07:16:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	442867	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	430828	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	165504	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	195277	6.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	130.00%
7) Chloroethane-d5	1.58	69	164226	6.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	132.20%#
11) 1,1-Dichloroethene-d2	2.13	63	244388	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.80%
20) 2-Butanone-d5	3.97	46	390728	54.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.10%
24) Chloroform-d	4.40	84	325941	5.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.40%
26) 1,2-Dichloroethane-d4	5.08	65	163801	6.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.40%
32) Benzene-d6	5.09	84	664856	6.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	129.20%#
36) 1,2-Dichloropropane-d6	6.12	67	204435	6.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	125.00%
41) Toluene-d8	7.36	98	541071	5.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.40%
43) trans-1,3-Dichloropropene-	7.66	79	64783	5.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.20%
46) 2-Hexanone-d5	8.14	63	206050	48.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.86%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	114879	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	176116	6.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.40%#

Target Compounds

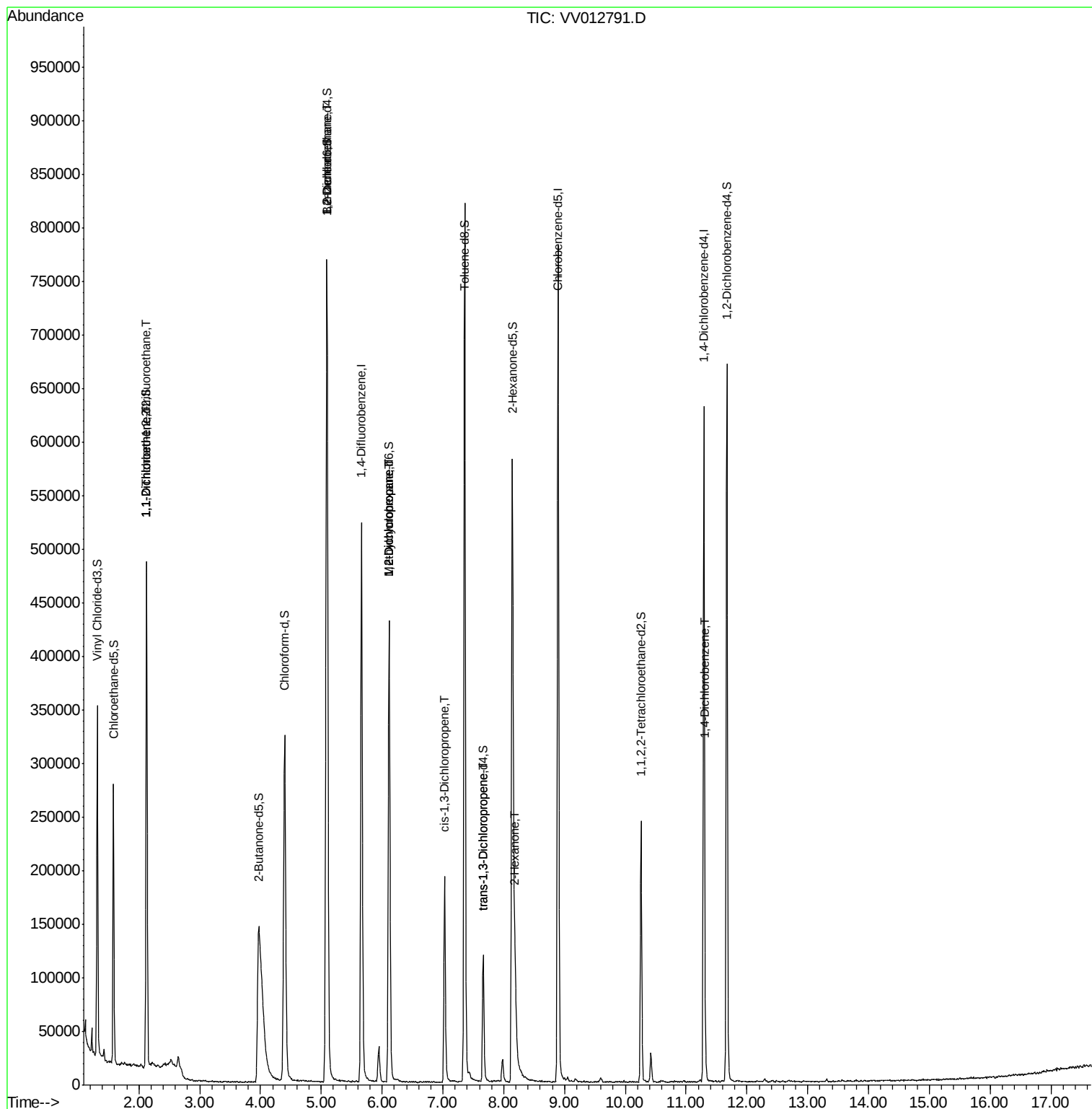
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2548	0.088	ug/L #	21
12) 1,1-Dichloroethene	2.13	96	2075	0.075	ug/L #	1
27) 1,2-Dichloroethane	5.09	62	3661	0.109	ug/L	99
35) Methylcyclohexane	6.12	83	49074	0.998	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	21366	0.681	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	4926	0.120	ug/L #	53
44) trans-1,3-Dichloropropene	7.66	75	3220	0.104	ug/L #	65
48) 2-Hexanone	8.19	43	57869	4.652	ug/L #	85
63) 1,4-Dichlorobenzene	11.31	146	5583	0.108	ug/L	91

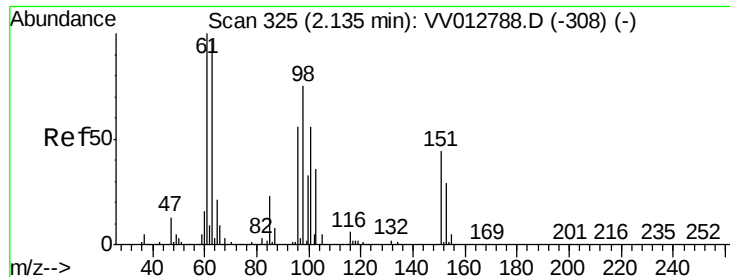
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.088 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012791.D

Acq: 15 Sep 2019 10:22

Instrument :

MSVOA_V

ClientSampleId :

C0MJ5

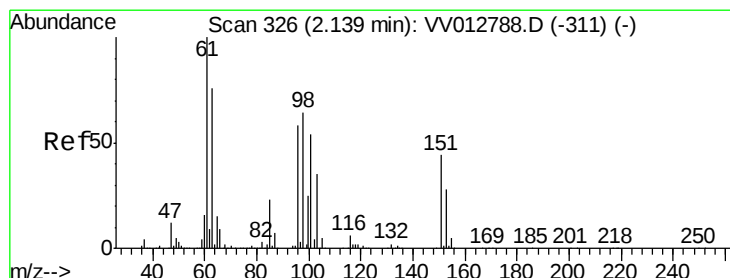
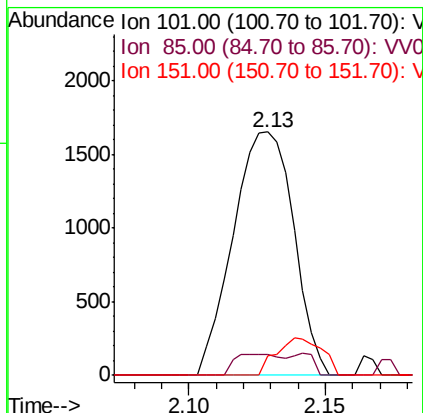
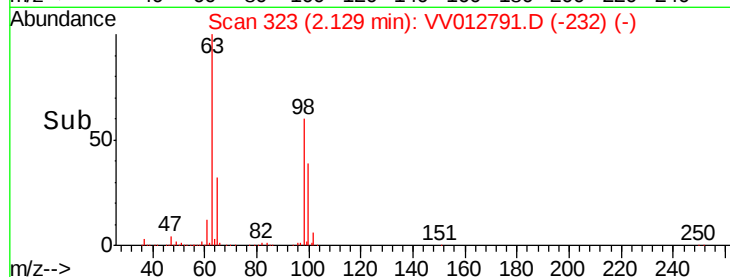
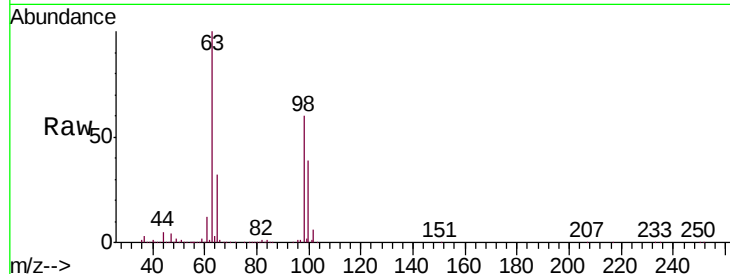
Tgt Ion:101 Resp: 2548

Ion Ratio Lower Upper

101 100

85 7.0 33.0 49.6#

151 0.9 65.8 98.8#



#12

1,1-Dichloroethene

Concen: 0.075 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012791.D

Acq: 15 Sep 2019 10:22

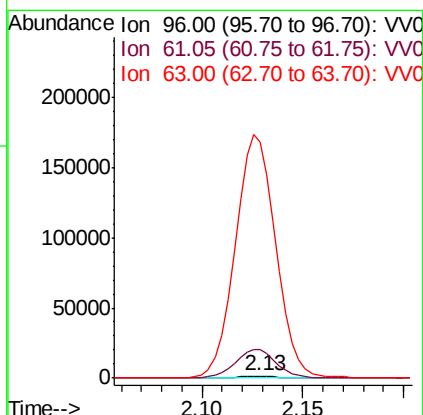
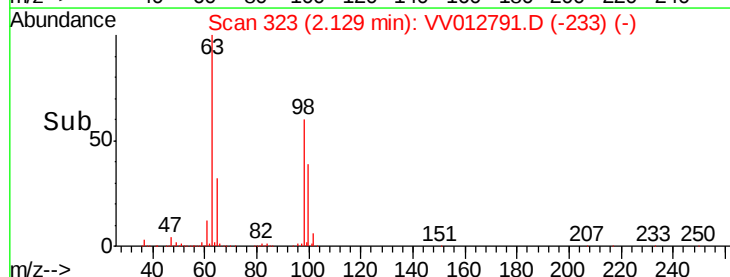
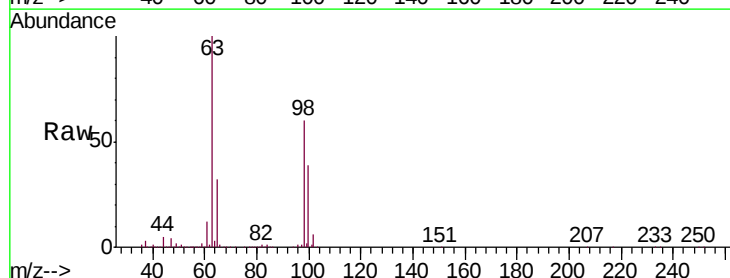
Tgt Ion: 96 Resp: 2075

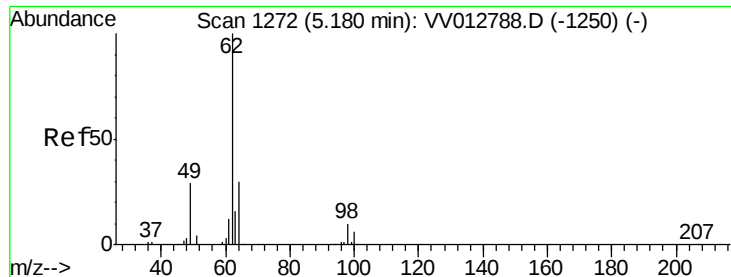
Ion Ratio Lower Upper

96 100

61 1614.6 115.8 215.0#

63 13364.3 79.4 147.4#





#27

1,2-Dichloroethane

Concen: 0.109 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VV012791.D

Acq: 15 Sep 2019 10:22

Instrument :

MSVOA_V

ClientSampleId :

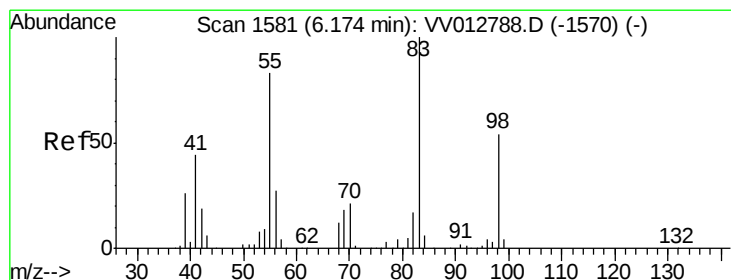
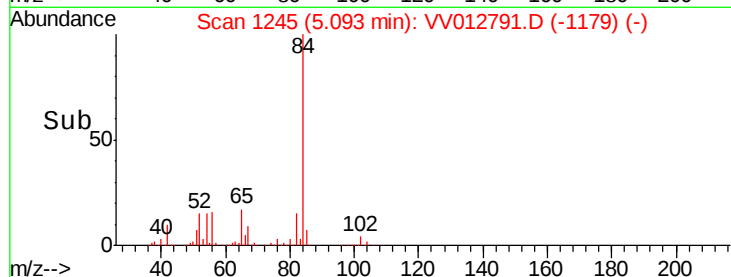
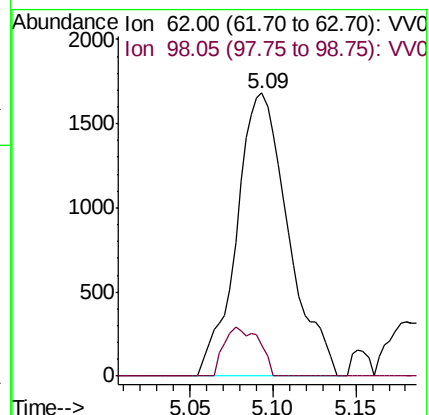
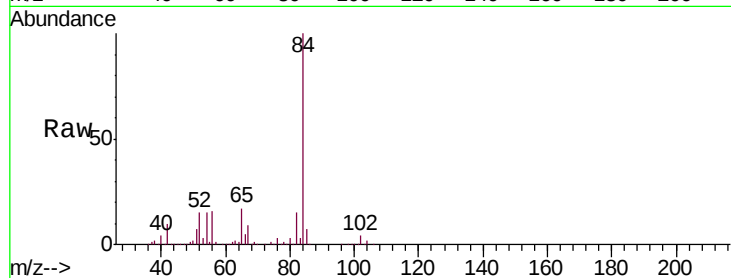
COMJ5

Tgt Ion: 62 Resp: 3661

Ion Ratio Lower Upper

62 100

98 11.0 8.4 12.6



#35

Methylcyclohexane

Concen: 0.998 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV012791.D

Acq: 15 Sep 2019 10:22

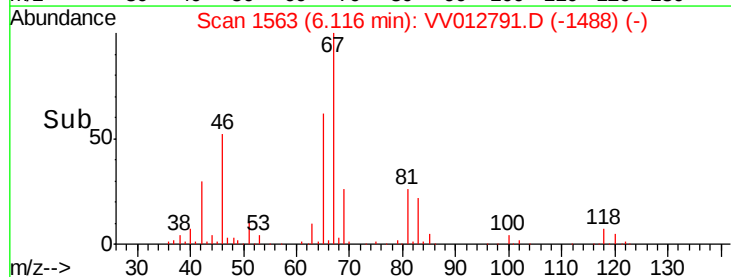
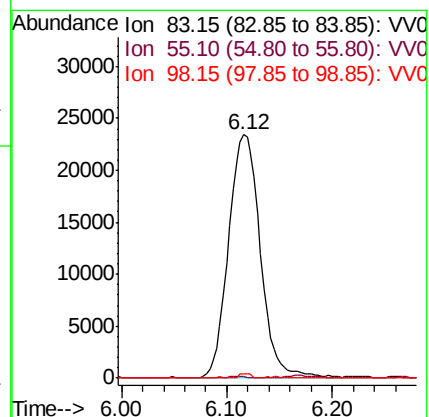
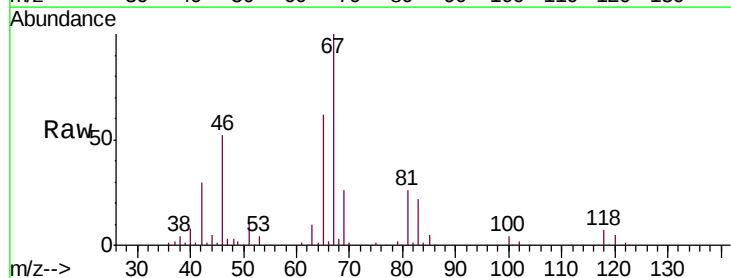
Tgt Ion: 83 Resp: 49074

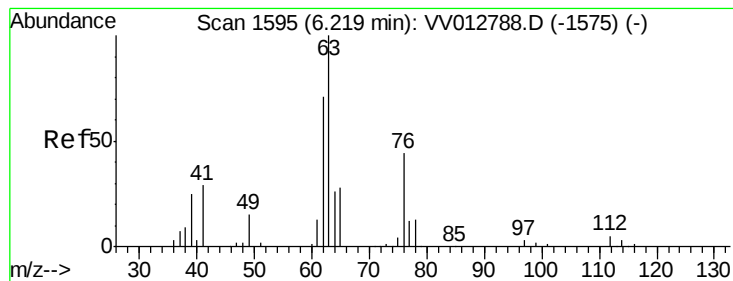
Ion Ratio Lower Upper

83 100

55 0.3 63.0 94.4#

98 0.6 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.681 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012791.D

Acq: 15 Sep 2019 10:22

Instrument :

MSVOA_V

ClientSampleId :

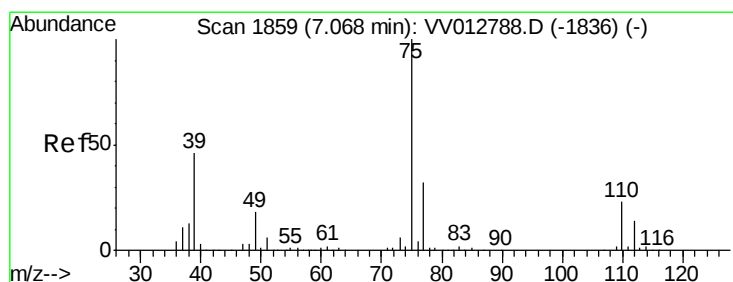
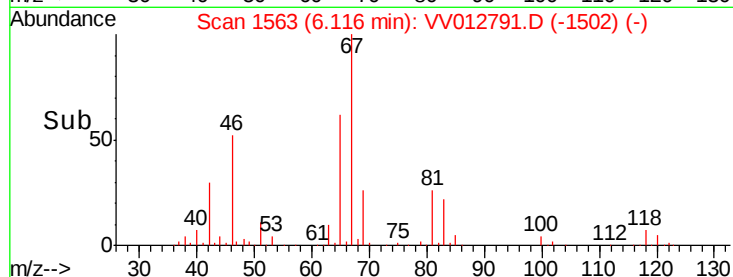
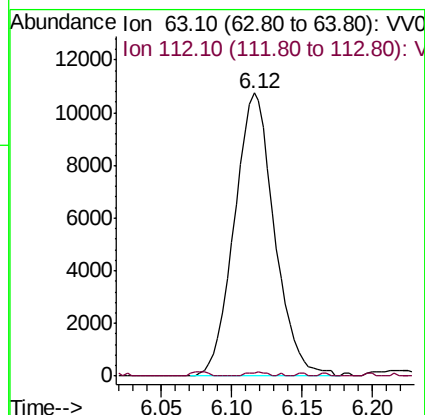
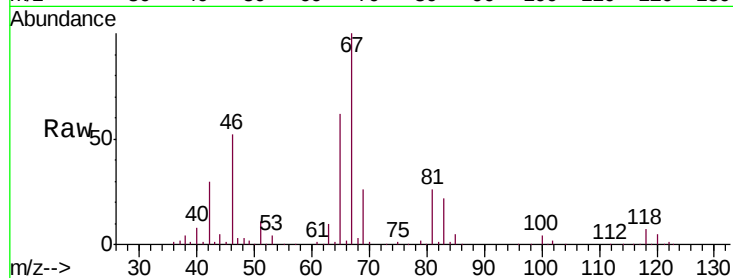
COMJ5

Tgt Ion: 63 Resp: 21366

Ion Ratio Lower Upper

63 100

112 0.7 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV012791.D

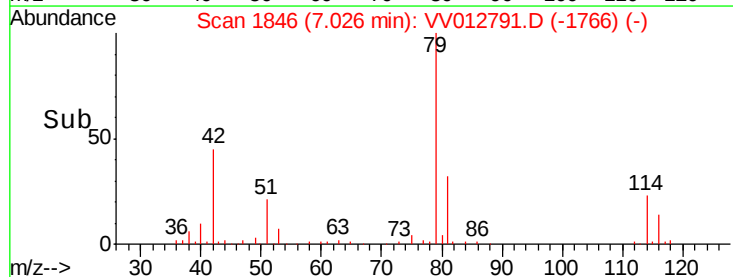
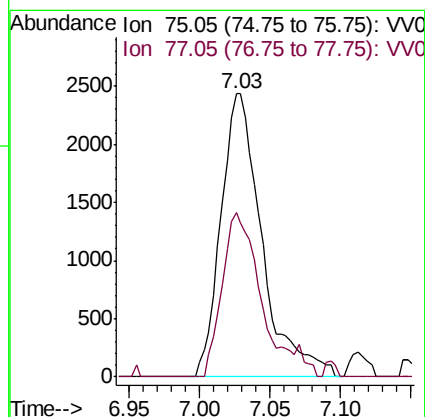
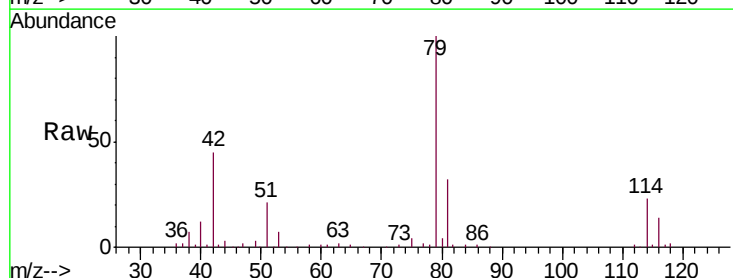
Acq: 15 Sep 2019 10:22

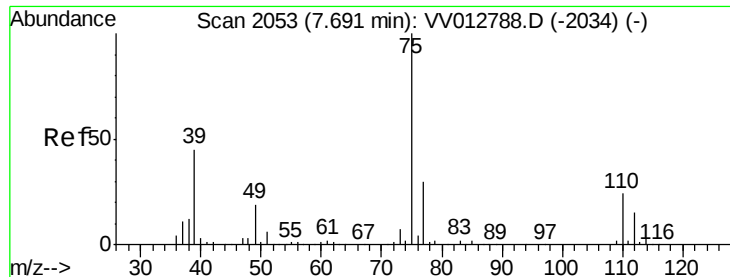
Tgt Ion: 75 Resp: 4926

Ion Ratio Lower Upper

75 100

77 58.2 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012791.D

Acq: 15 Sep 2019 10:22

Instrument :

MSVOA_V

ClientSampleId :

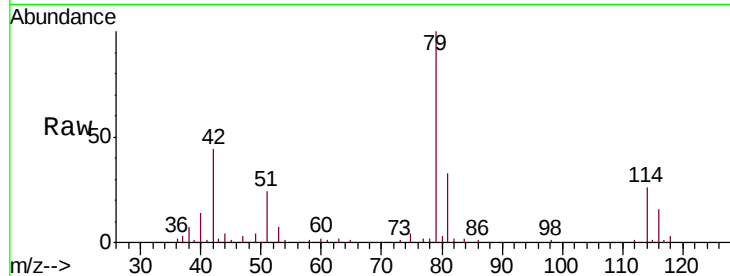
COMJ5

Tgt Ion: 75 Resp: 3220

Ion Ratio Lower Upper

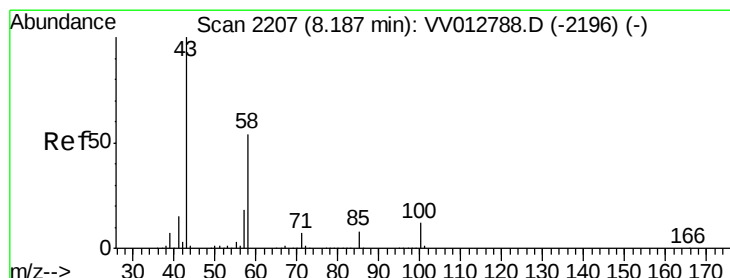
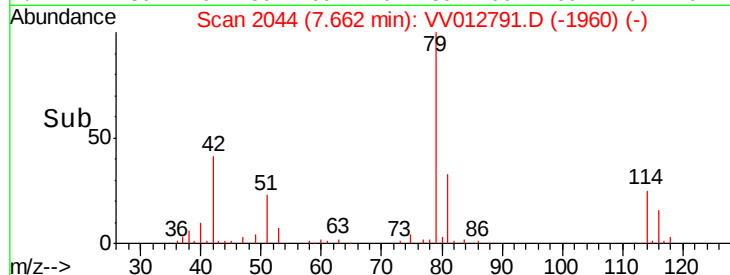
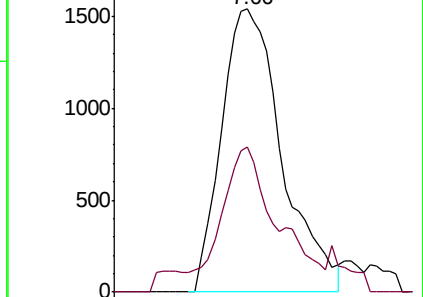
75 100

77 51.3 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 4.652 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012791.D

Acq: 15 Sep 2019 10:22

Tgt Ion: 43 Resp: 57869

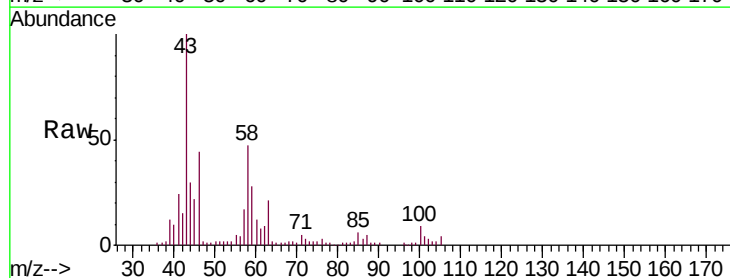
Ion Ratio Lower Upper

43 100

58 43.6 44.8 67.2#

57 15.8 14.9 22.3

100 5.8 9.8 14.8#

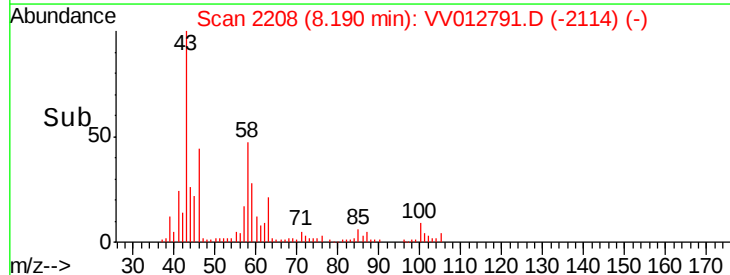
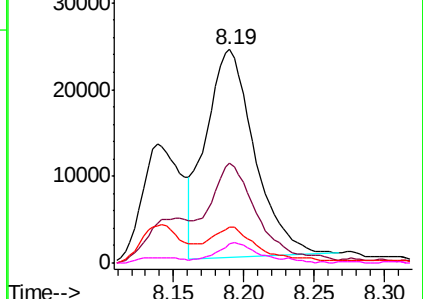


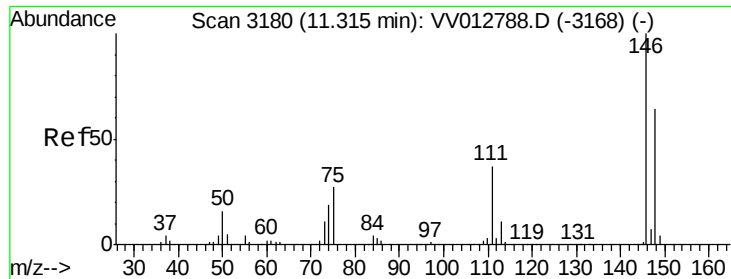
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#63

1,4-Dichlorobenzene

Concen: 0.108 ug/L

RT: 11.31 min Scan# 3180

Delta R.T. -0.00 min

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Acq: 15 Sep 2019 10:22

Instrument :

MSVOA_V

ClientSampleId :

COMJ5

Tgt Ion:146 Resp: 5583

Ion Ratio Lower Upper

146 100

111 41.3 25.9 48.1

148 56.0 45.1 83.7

