

Data File : VV012794.D
Acq On : 15 Sep 2019 11:42
Operator : SY/MD
Sample : K4834-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMM1

Quant Time: Sep 16 07:19:42 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	432023	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	425663	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	160856	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	184852	6.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	126.20%
7) Chloroethane-d5	1.58	69	156219	6.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	129.00%
11) 1,1-Dichloroethene-d2	2.13	63	229142	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.80%
20) 2-Butanone-d5	3.96	46	378672	53.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.40%
24) Chloroform-d	4.40	84	308362	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.80%
26) 1,2-Dichloroethane-d4	5.08	65	155856	6.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.20%
32) Benzene-d6	5.10	84	615812	6.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.00%
36) 1,2-Dichloropropane-d6	6.12	67	192720	5.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.40%
41) Toluene-d8	7.36	98	494622	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
43) trans-1,3-Dichloropropene-	7.66	79	61265	5.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.40%
46) 2-Hexanone-d5	8.14	63	198589	47.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	110523	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	165899	6.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.60%#

Target Compounds

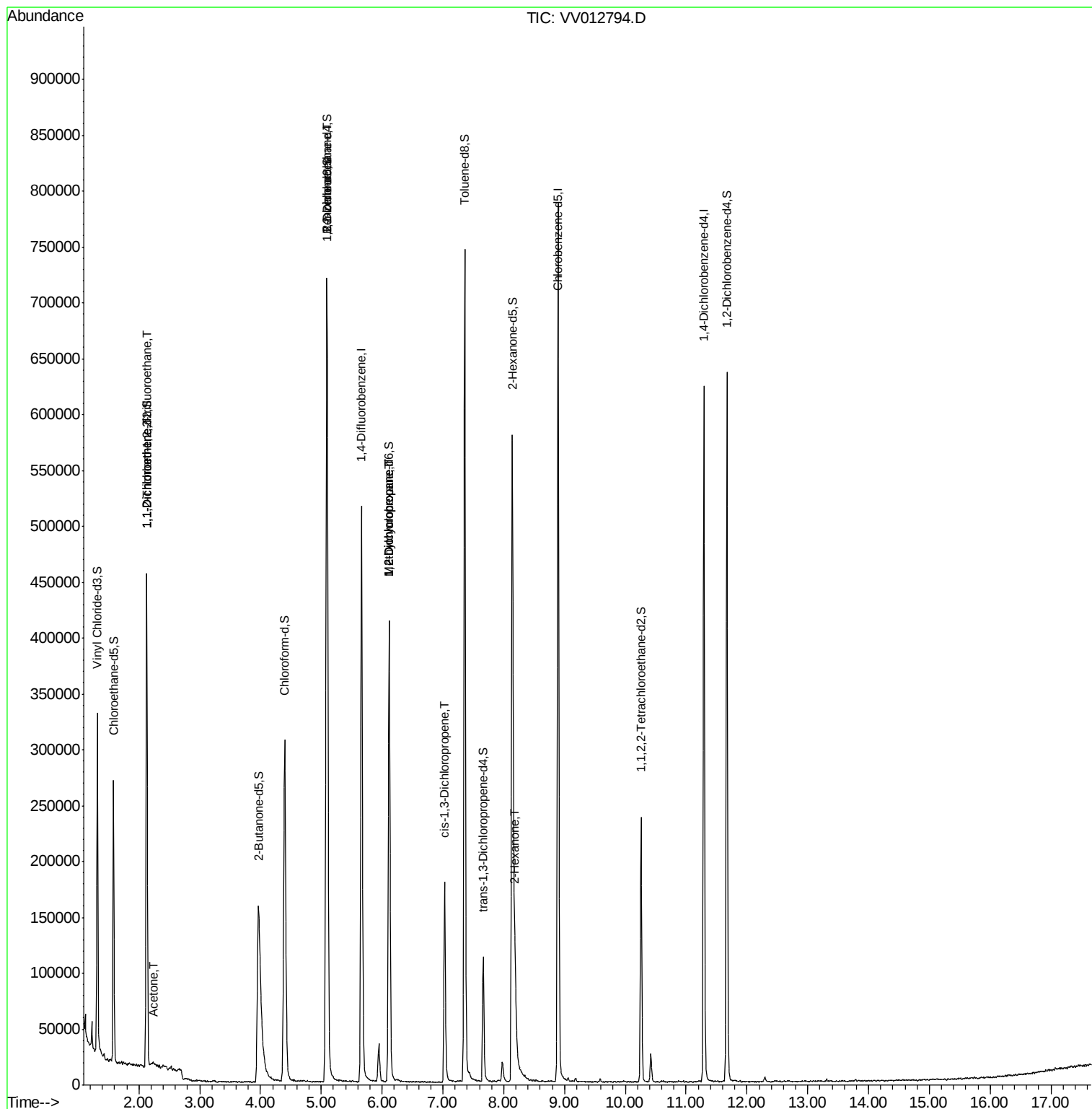
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2367	0.084	ug/L #	22
12) 1,1-Dichloroethene	2.13	96	2427	0.090	ug/L #	1
13) Acetone	2.23	43	5439	1.316	ug/L	89
27) 1,2-Dichloroethane	5.09	62	3949	0.120	ug/L	96
35) Methylcyclohexane	6.12	83	46094	0.949	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	21128	0.682	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	4525	0.111	ug/L #	57
48) 2-Hexanone	8.19	43	56670	4.611	ug/L #	84

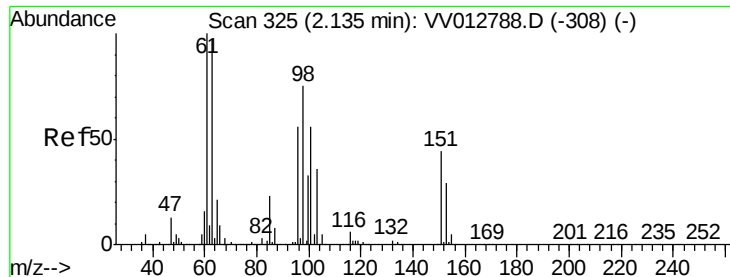
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.084 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

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Acq: 15 Sep 2019 11:42

Instrument :

MSVOA_V

ClientSampleId :

COMM1

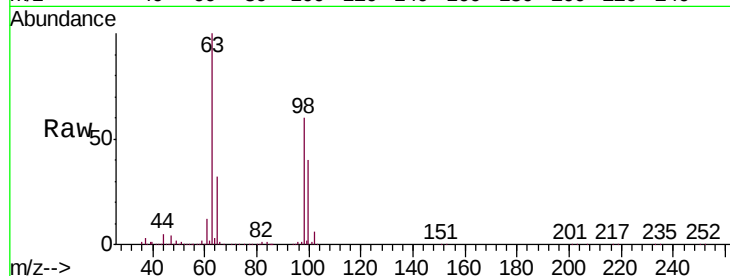
Tgt Ion:101 Resp: 2367

Ion Ratio Lower Upper

101 100

85 9.7 33.0 49.6#

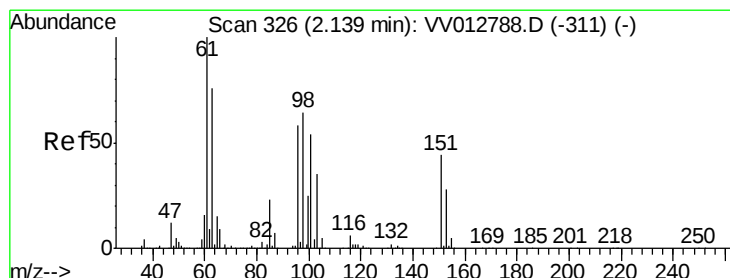
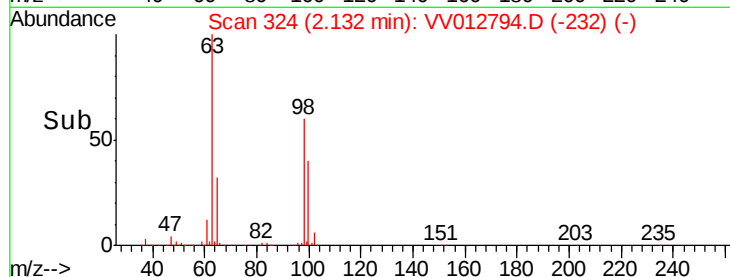
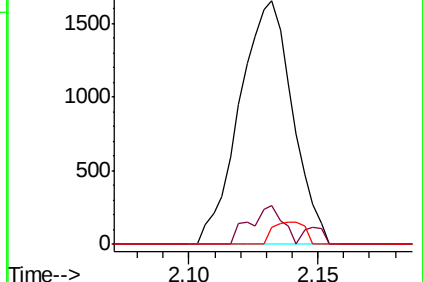
151 0.0 65.8 98.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.090 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012794.D

Acq: 15 Sep 2019 11:42

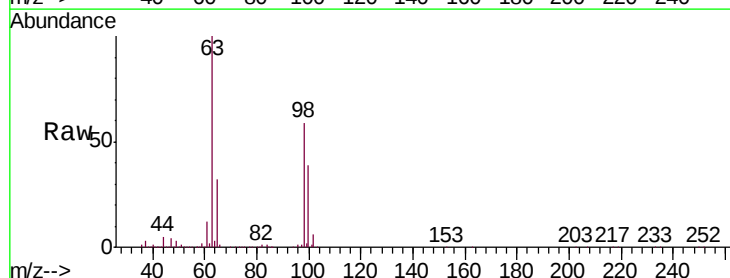
Tgt Ion: 96 Resp: 2427

Ion Ratio Lower Upper

96 100

61 1259.9 115.8 215.0#

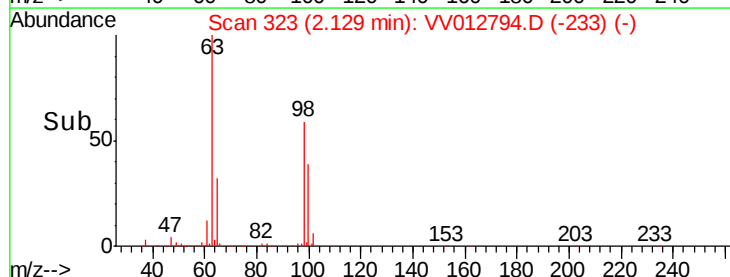
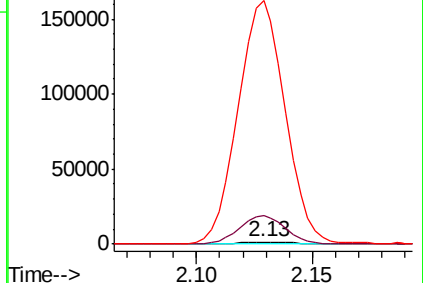
63 10713.1 79.4 147.4#

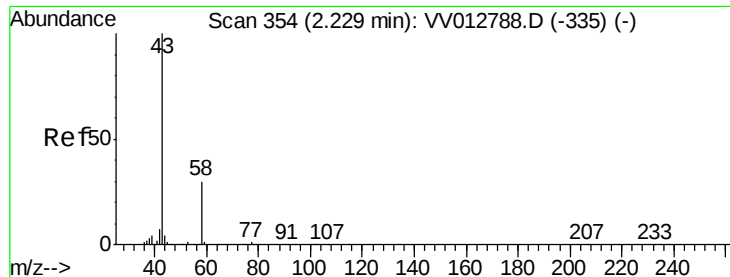


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.316 ug/L

RT: 2.23 min Scan# 356

Delta R.T. 0.01 min

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Acq: 15 Sep 2019 11:42

Instrument :

MSVOA_V

ClientSampleId :

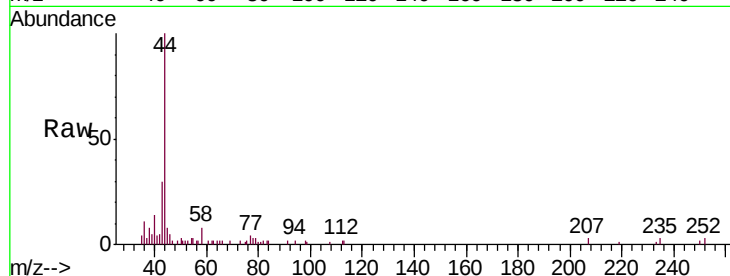
COMM1

Tgt Ion: 43 Resp: 5439

Ion Ratio Lower Upper

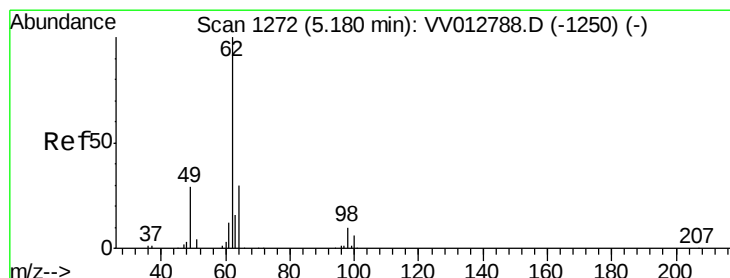
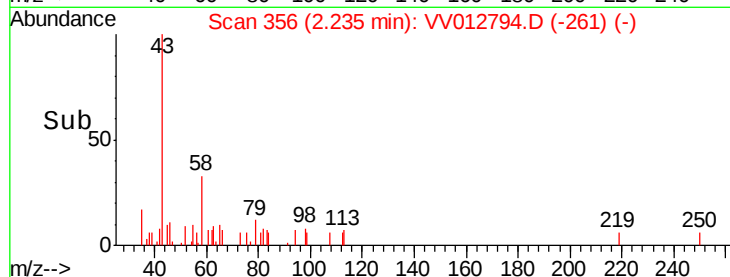
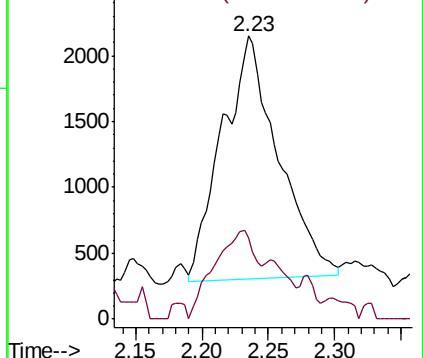
43 100

58 27.2 0.0 67.4



Abundance Ion 43.05 (42.75 to 43.75): VV012788.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV012788.D (-335) (-)



#27

1,2-Dichloroethane

Concen: 0.120 ug/L

RT: 5.09 min Scan# 1244

Delta R.T. -0.09 min

Lab File: VV012794.D

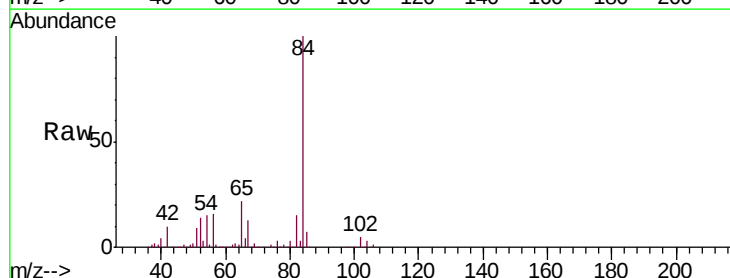
Acq: 15 Sep 2019 11:42

Tgt Ion: 62 Resp: 3949

Ion Ratio Lower Upper

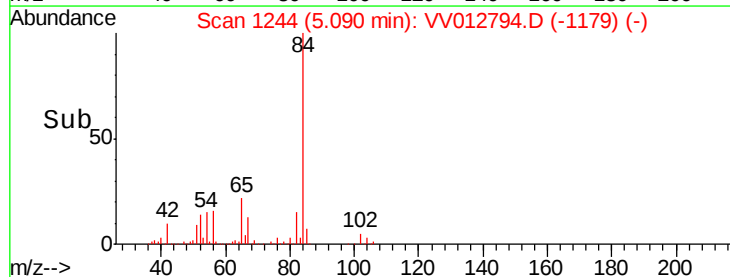
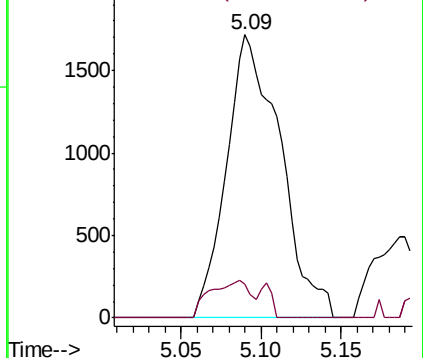
62 100

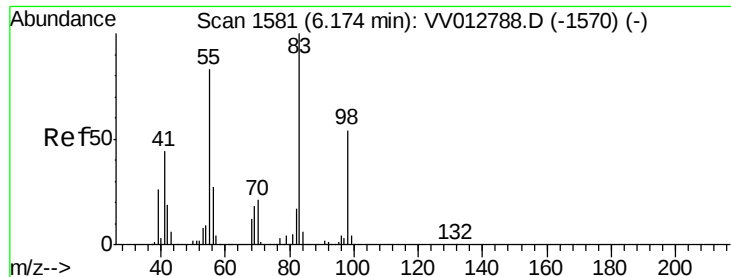
98 12.0 8.4 12.6



Abundance Ion 62.00 (61.70 to 62.70): VV012788.D (-1250) (-)

Ion 98.05 (97.75 to 98.75): VV012788.D (-1250) (-)

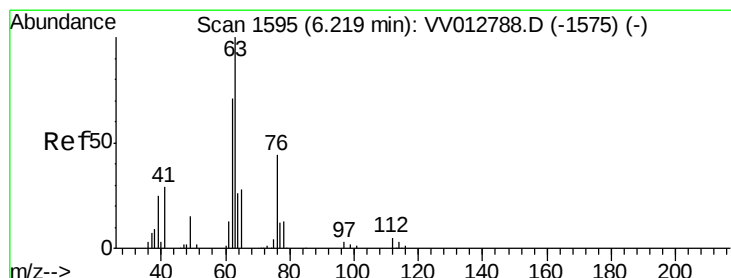
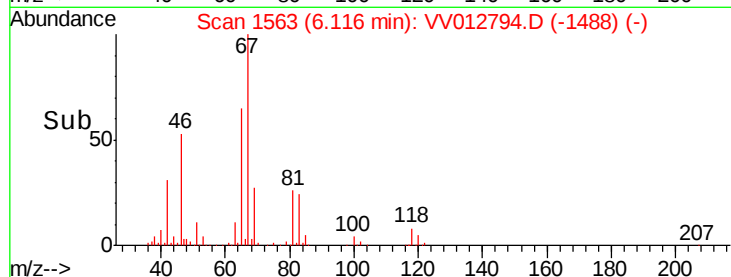
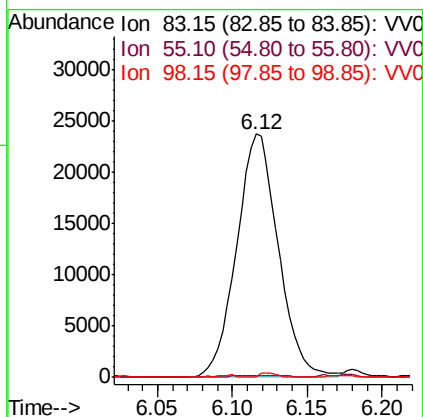
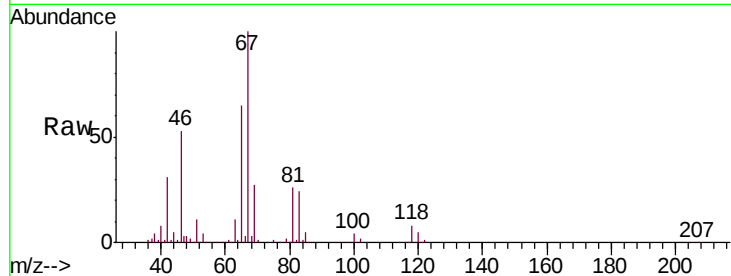




#35
Methylcyclohexane
Concen: 0.949 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012794.D
Acq: 15 Sep 2019 11:42

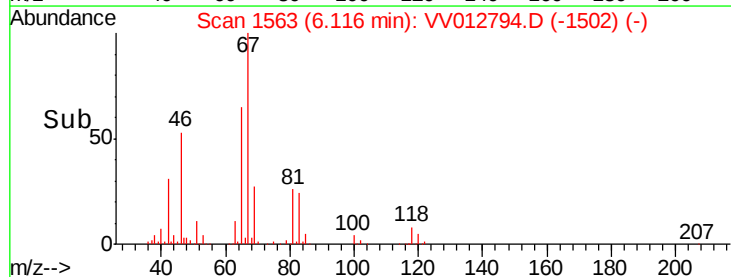
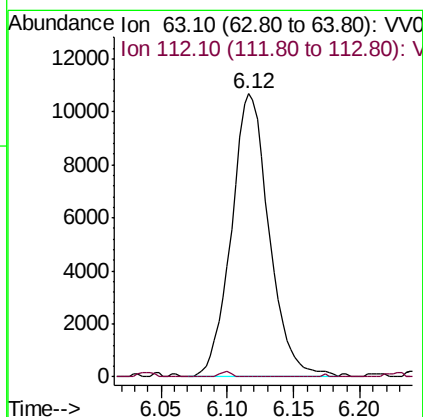
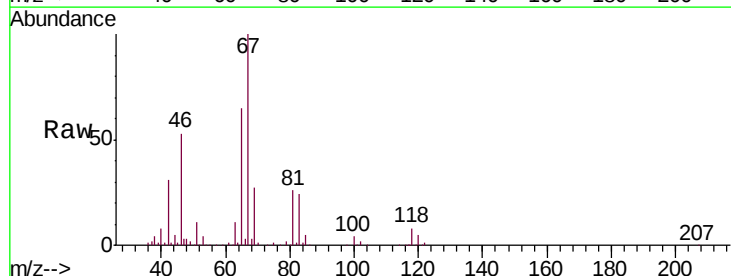
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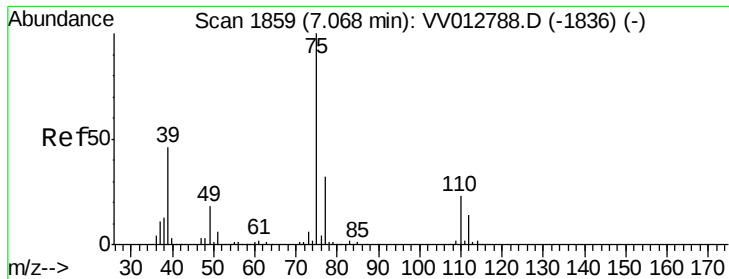
Tgt Ion: 83 Resp: 46094
Ion Ratio Lower Upper
83 100
55 0.9 63.0 94.4#
98 0.7 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.682 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012794.D
Acq: 15 Sep 2019 11:42

Tgt Ion: 63 Resp: 21128
Ion Ratio Lower Upper
63 100
112 0.6 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV012794.D

Acq: 15 Sep 2019 11:42

Instrument :

MSVOA_V

ClientSampled :

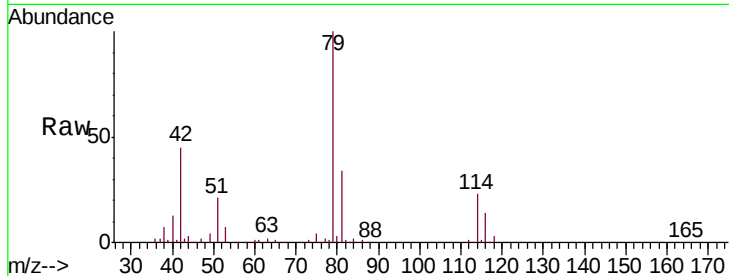
COMM1

Tgt Ion: 75 Resp: 4525

Ion Ratio Lower Upper

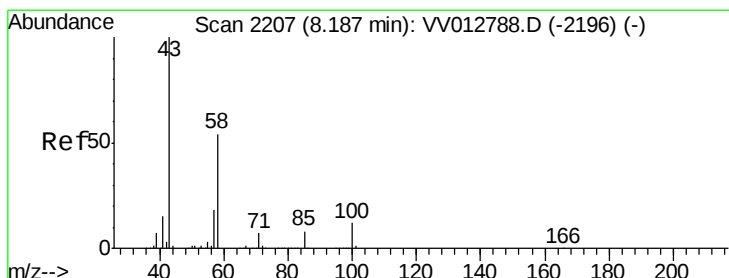
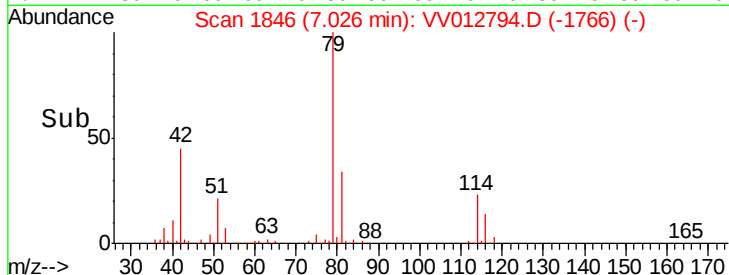
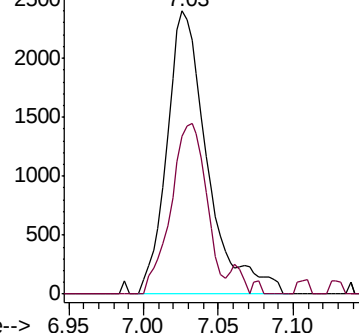
75 100

77 55.6 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 4.611 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012794.D

Acq: 15 Sep 2019 11:42

Tgt Ion: 43 Resp: 56670

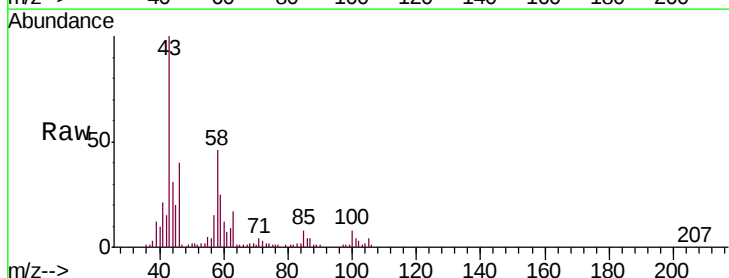
Ion Ratio Lower Upper

43 100

58 41.9 44.8 67.2#

57 14.1 14.9 22.3#

100 7.5 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

