

Data File : VV012799.D
Acq On : 15 Sep 2019 13:54
Operator : SY/MD
Sample : K4865-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMN1

Quant Time: Sep 16 07:20:40 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	429706	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	427182	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	161638	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	182025	6.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.00%
7) Chloroethane-d5	1.58	69	157969	6.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	131.00%#
11) 1,1-Dichloroethene-d2	2.13	63	229431	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	3.96	46	374029	53.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.64%
24) Chloroform-d	4.40	84	305866	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.40%
26) 1,2-Dichloroethane-d4	5.08	65	155712	6.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.80%
32) Benzene-d6	5.10	84	622581	6.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.00%
36) 1,2-Dichloropropane-d6	6.12	67	192531	5.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.80%
41) Toluene-d8	7.36	98	494048	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
43) trans-1,3-Dichloropropene-	7.66	79	61528	5.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.40%
46) 2-Hexanone-d5	8.14	63	198758	47.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	109554	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	166190	6.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.20%#

Target Compounds

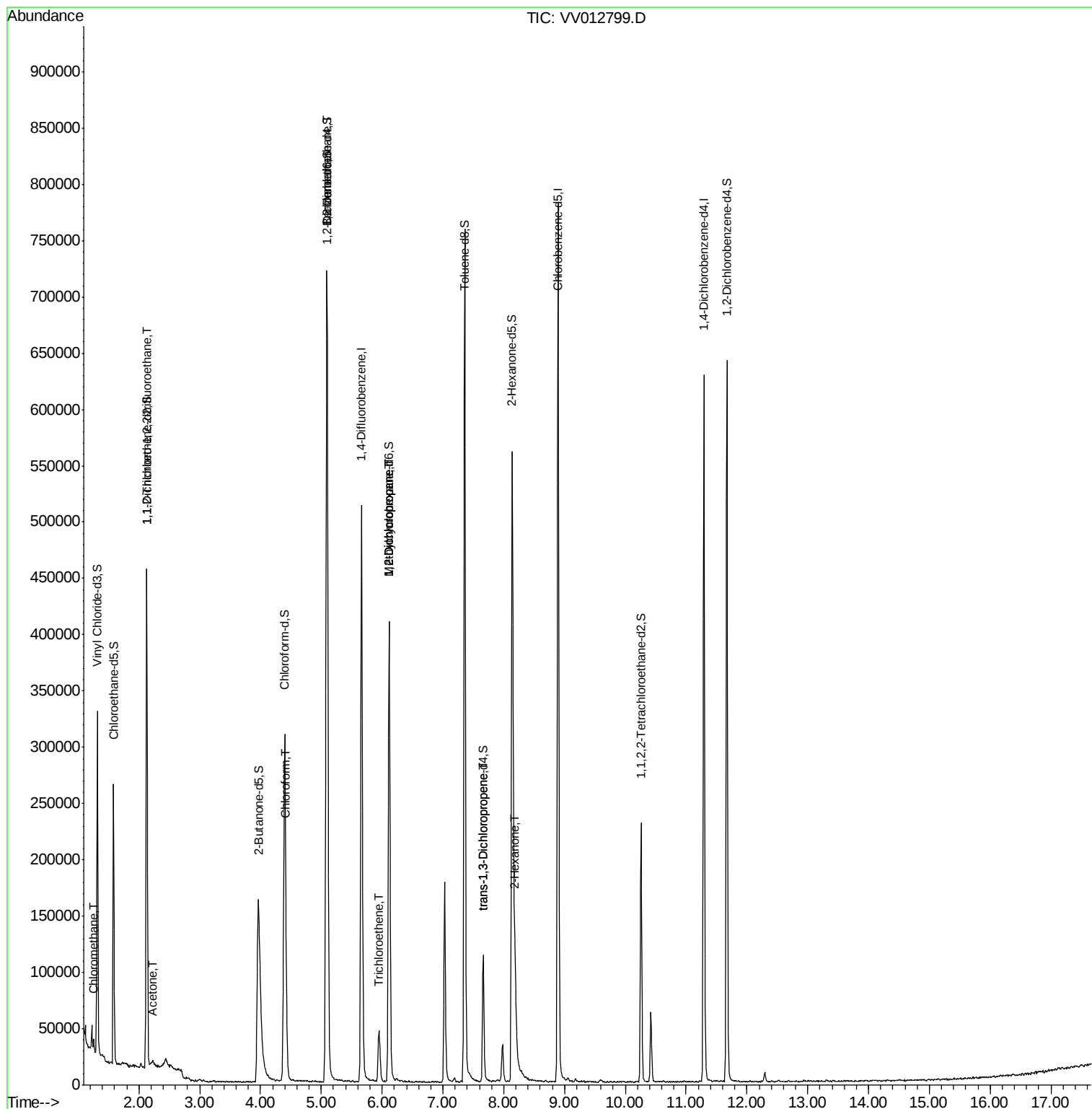
						Qvalue
3) Chloromethane	1.25	50	7174	0.196	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2227	0.079	ug/L #	24
13) Acetone	2.22	43	9104	2.214	ug/L	85
25) Chloroform	4.42	83	24582	0.395	ug/L	94
27) 1,2-Dichloroethane	5.09	62	3617	0.111	ug/L	96
34) Trichloroethene	5.96	95	7058	0.205	ug/L	86
35) Methylcyclohexane	6.12	83	46368	0.951	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	21849	0.703	ug/L #	86
44) trans-1,3-Dichloropropene	7.67	75	2639	0.086	ug/L #	79
48) 2-Hexanone	8.19	43	57819	4.687	ug/L #	85

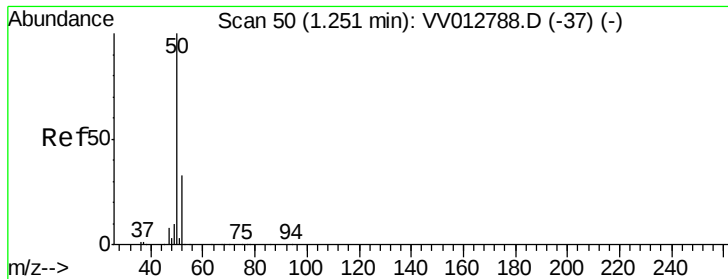
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.196 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV012799.D

Acq: 15 Sep 2019 13:54

Instrument :

MSVOA_V

ClientSampleId :

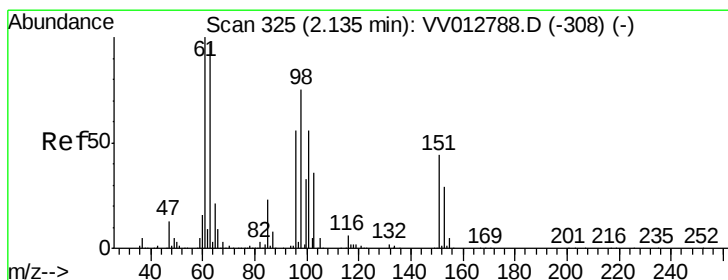
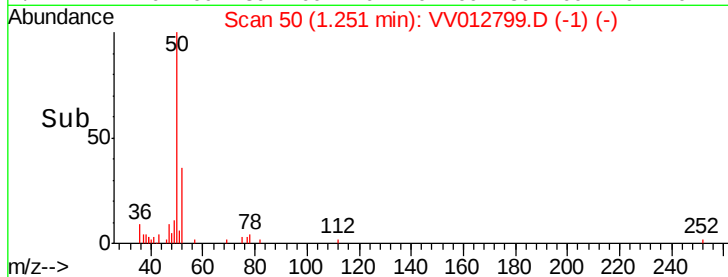
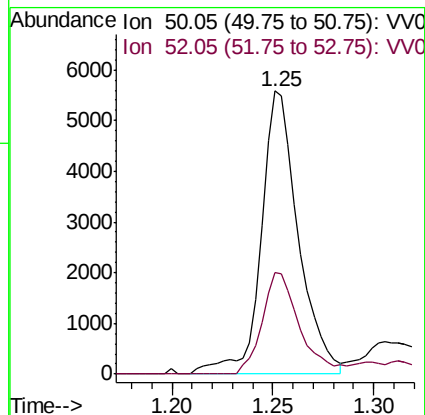
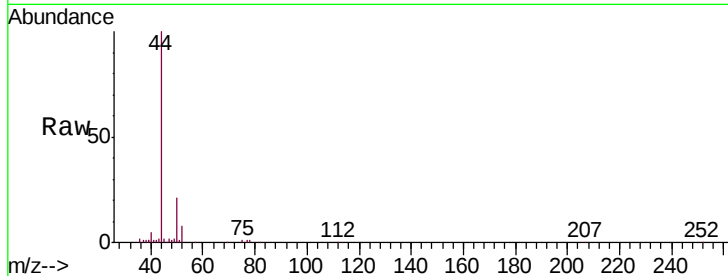
COMN1

Tgt Ion: 50 Resp: 7174

Ion Ratio Lower Upper

50 100

52 35.8 22.9 42.5



#10

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

Concen: 0.079 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012799.D

Acq: 15 Sep 2019 13:54

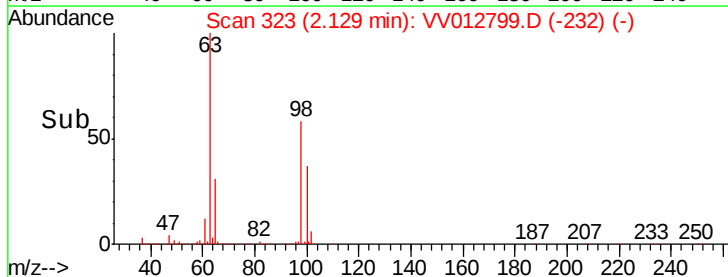
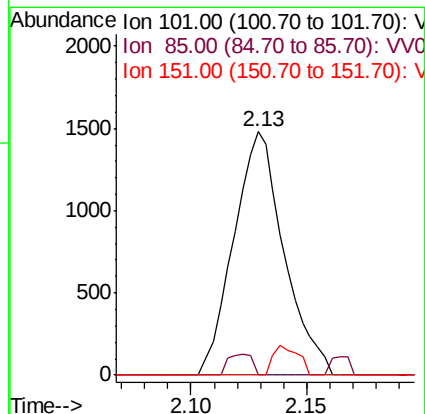
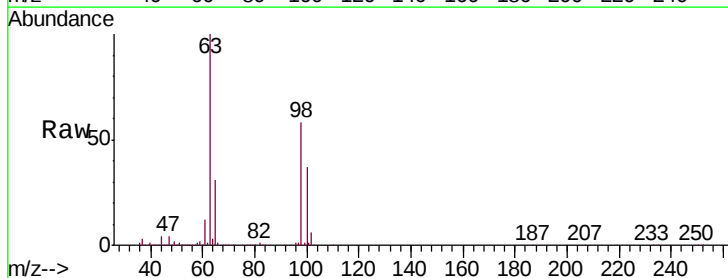
Tgt Ion: 101 Resp: 2227

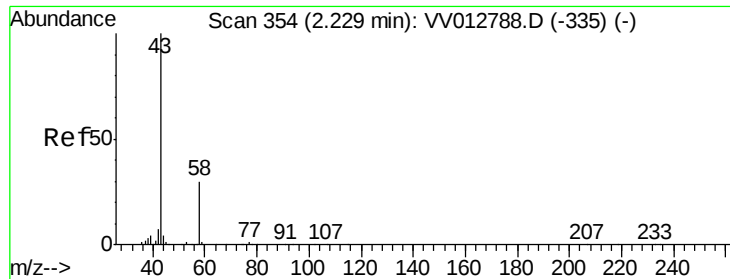
Ion Ratio Lower Upper

101 100

85 4.2 33.0 49.6#

151 6.1 65.8 98.8#





#13

Acetone

Concen: 2.214 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.01 min

Lab File: VV012799.D

Acq: 15 Sep 2019 13:54

Instrument :

MSVOA_V

ClientSampleId :

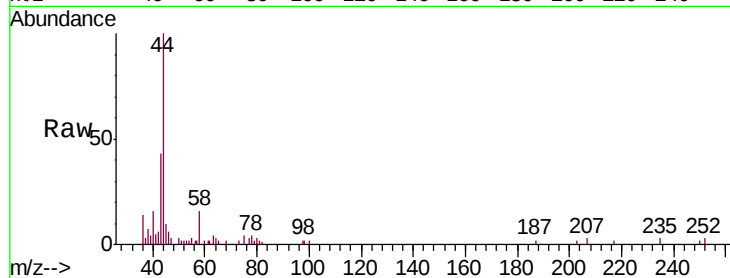
COMN1

Tgt Ion: 43 Resp: 9104

Ion Ratio Lower Upper

43 100

58 25.2 0.0 67.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.22

3000

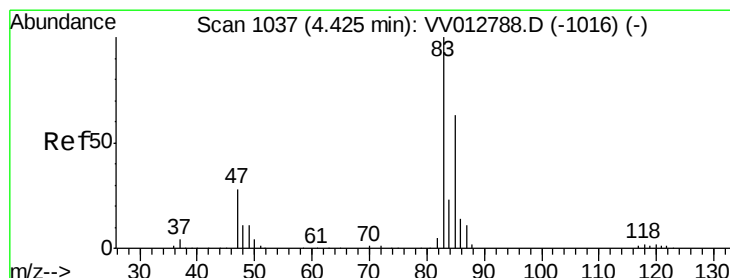
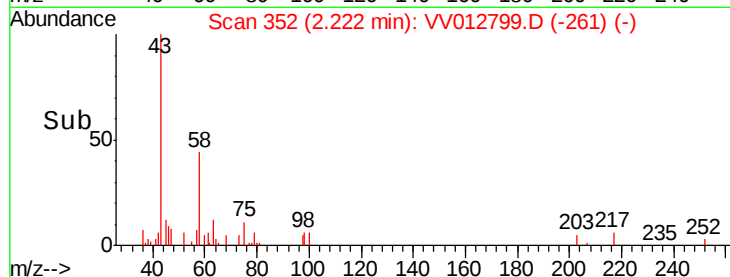
2000

1000

0

Time-->

2.15 2.20 2.25 2.30 2.35



#25

Chloroform

Concen: 0.395 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV012799.D

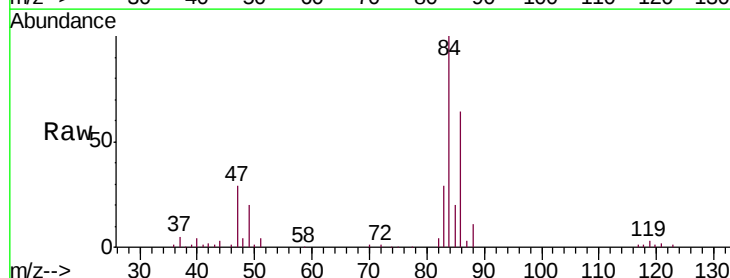
Acq: 15 Sep 2019 13:54

Tgt Ion: 83 Resp: 24582

Ion Ratio Lower Upper

83 100

85 69.1 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.42

10000

8000

6000

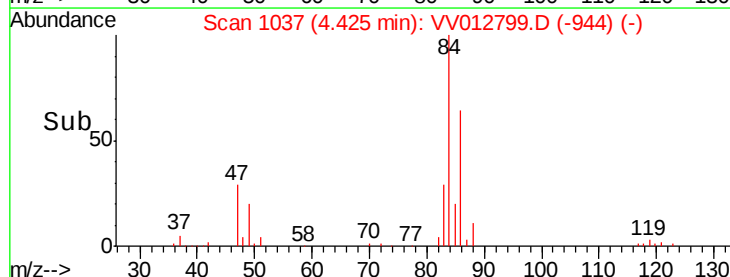
4000

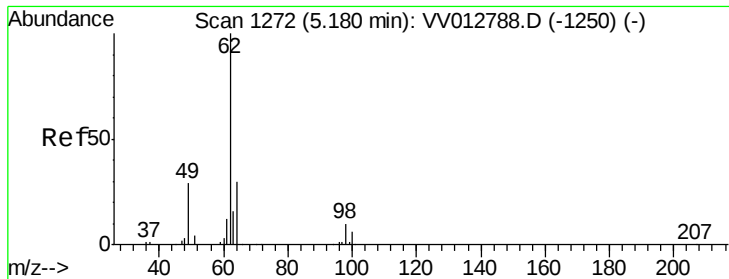
2000

0

Time-->

4.30 4.40 4.50





#27

1,2-Dichloroethane

Concen: 0.111 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VV012799.D

Acq: 15 Sep 2019 13:54

Instrument :

MSVOA_V

ClientSampleId :

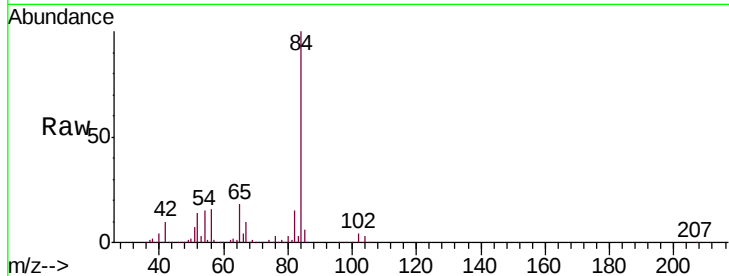
COMN1

Tgt Ion: 62 Resp: 3617

Ion Ratio Lower Upper

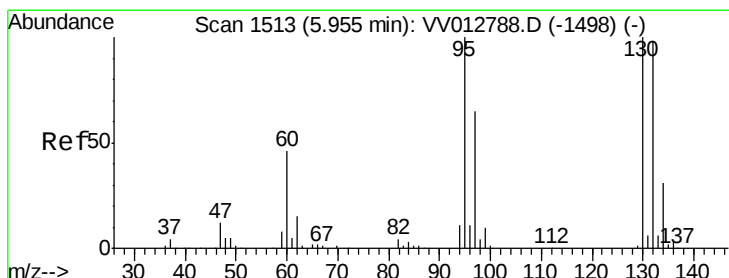
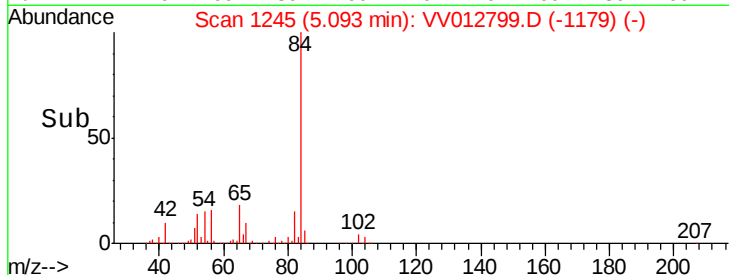
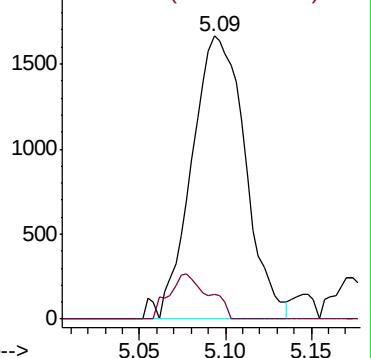
62 100

98 8.8 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) (-)



#34

Trichloroethene

Concen: 0.205 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012799.D

Acq: 15 Sep 2019 13:54

Tgt Ion: 95 Resp: 7058

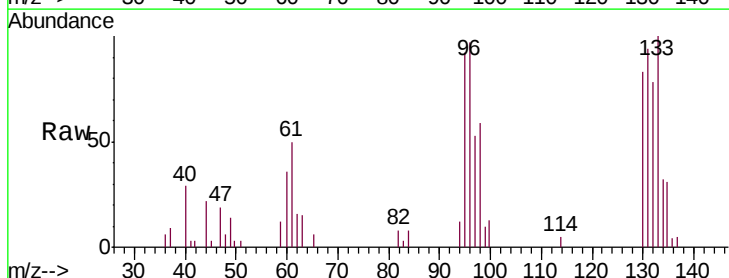
Ion Ratio Lower Upper

95 100

97 58.0 45.4 84.2

132 85.2 70.2 130.4

130 90.2 74.2 137.8

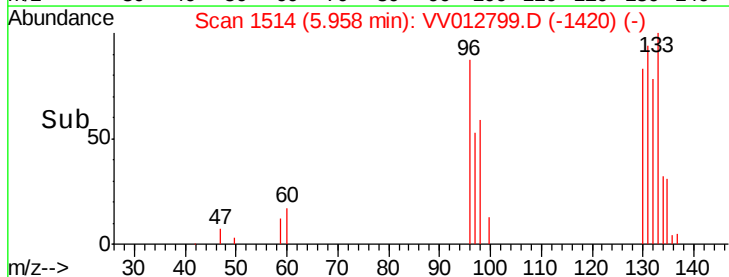
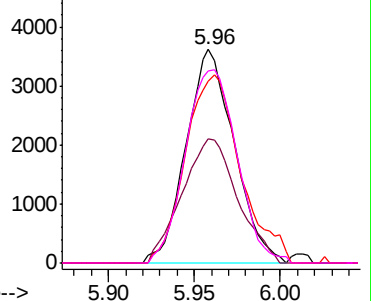


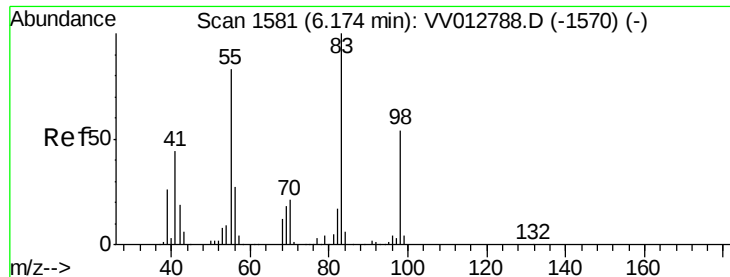
Abundance Ion 95.00 (94.70 to 95.70): VV012788.D (-1498) (-)

Ion 96.95 (96.65 to 97.65): VV012788.D (-1498) (-)

Ion 131.95 (131.65 to 132.65): VV012788.D (-1498) (-)

Ion 129.95 (129.65 to 130.65): VV012788.D (-1498) (-)

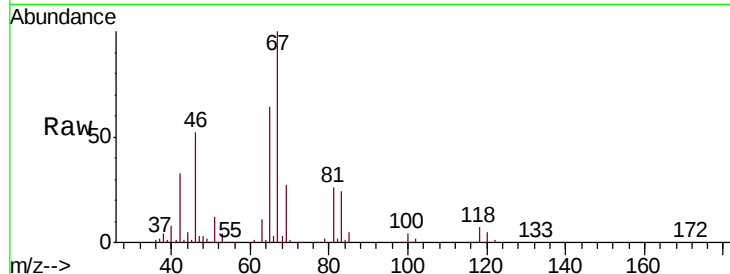




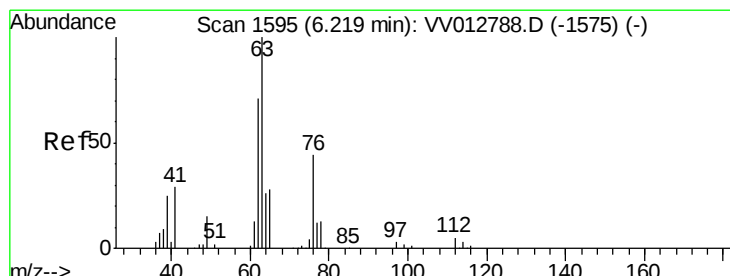
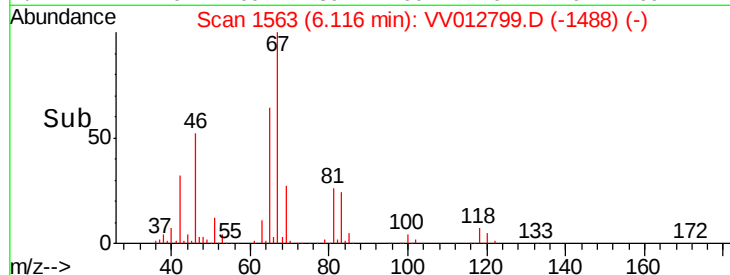
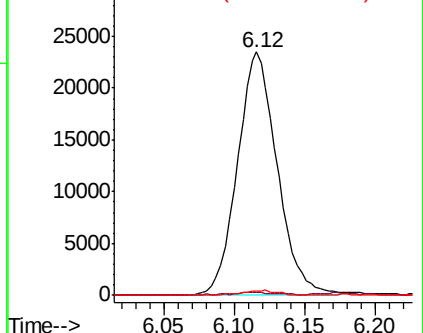
#35
Methylcyclohexane
Concen: 0.951 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012799.D
Acq: 15 Sep 2019 13:54

Instrument :
MSVOA_V
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Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.1	63.0	94.4#
98	1.7	39.8	59.8#

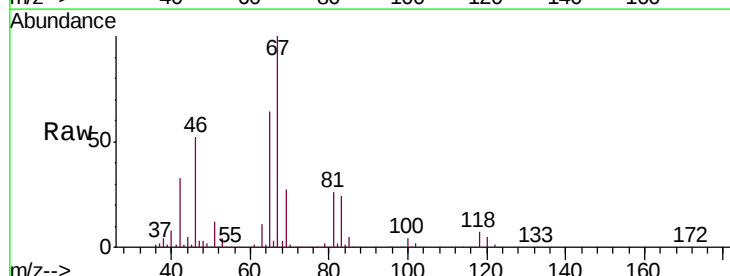


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

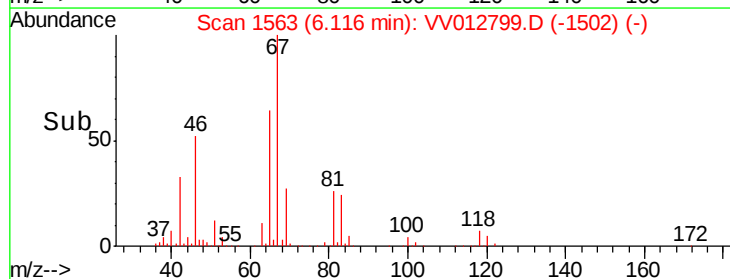
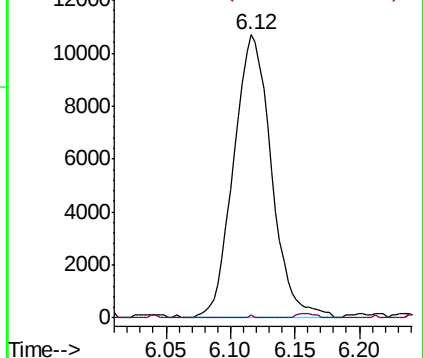


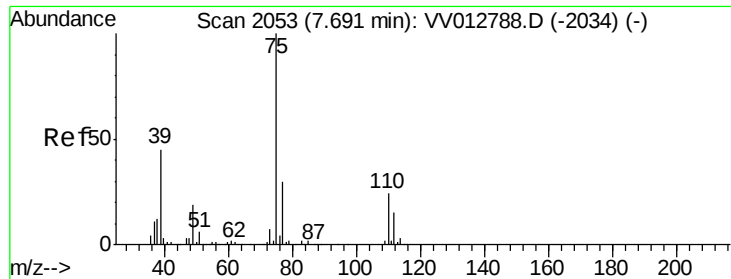
#37
1,2-Dichloropropane
Concen: 0.703 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012799.D
Acq: 15 Sep 2019 13:54

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.1	3.8	5.6#



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





#44

trans-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012799.D

Acq: 15 Sep 2019 13:54

Instrument :

MSVOA_V

ClientSampleId :

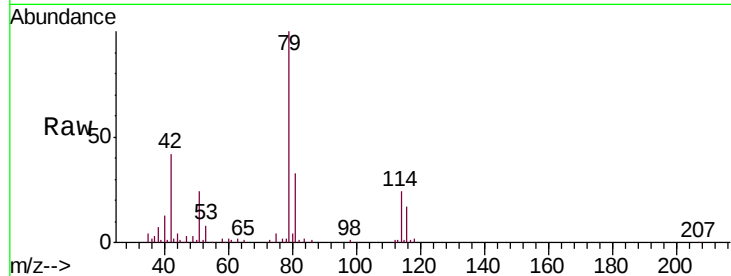
COMN1

Tgt Ion: 75 Resp: 2639

Ion Ratio Lower Upper

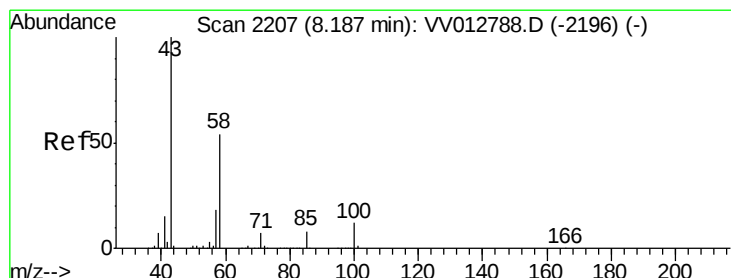
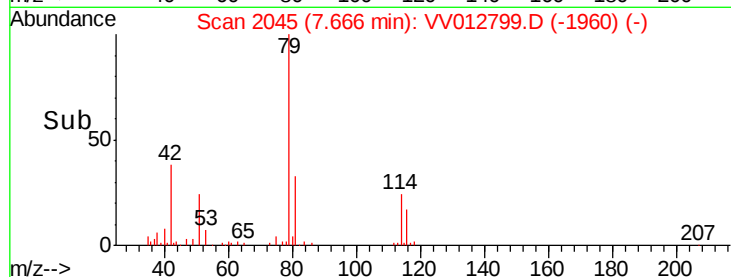
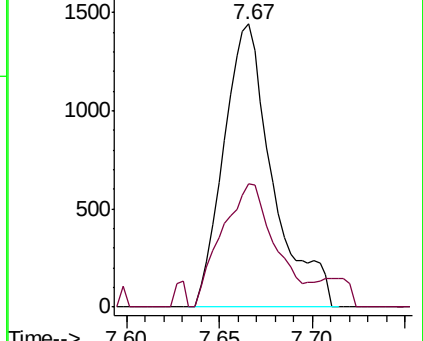
75 100

77 43.6 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: 4.687 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012799.D

Acq: 15 Sep 2019 13:54

Tgt Ion: 43 Resp: 57819

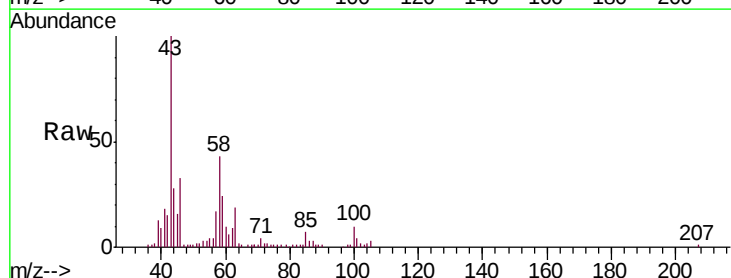
Ion Ratio Lower Upper

43 100

58 42.2 44.8 67.2#

57 14.7 14.9 22.3#

100 10.0 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

