

Data File : VV012793.D
Acq On : 15 Sep 2019 11:15
Operator : SY/MD
Sample : K4834-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMJ6

Quant Time: Sep 16 07:19:30 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	422560	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	418954	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	157220	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	164283	5.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.60%
7) Chloroethane-d5	1.58	69	140261	5.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.40%
11) 1,1-Dichloroethene-d2	2.13	63	205778	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.00%
20) 2-Butanone-d5	3.97	46	339246	49.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.36%
24) Chloroform-d	4.40	84	272942	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.08	65	139709	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.10	84	552495	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
36) 1,2-Dichloropropane-d6	6.12	67	170950	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.36	98	439249	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.66	79	53136	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.14	63	174492	42.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	97726	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	149418	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

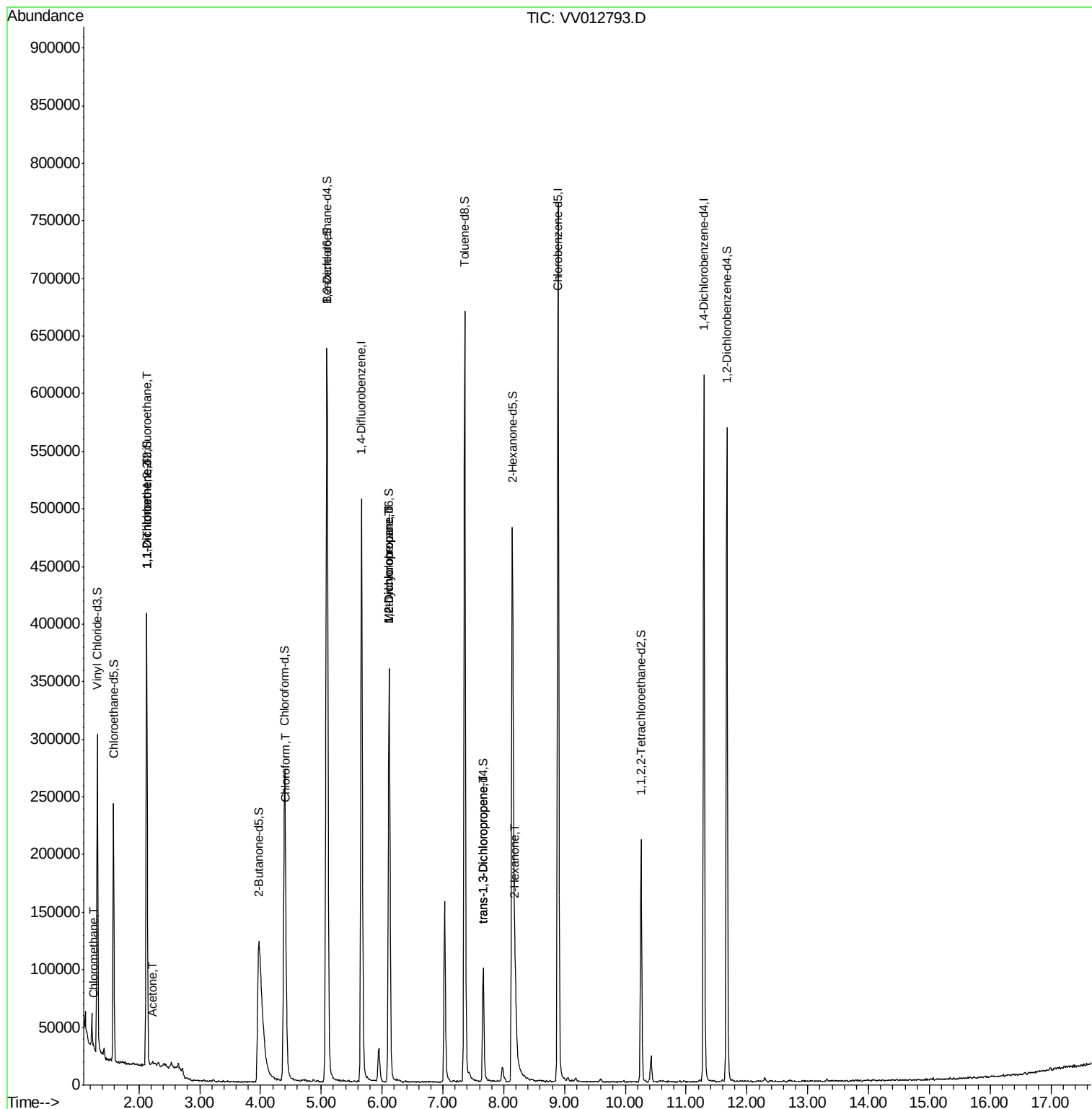
					Qvalue
3) Chloromethane	1.25	50	2713	0.075 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2085	0.076 ug/L #	27
12) 1,1-Dichloroethene	2.13	96	2115	0.081 ug/L #	1
13) Acetone	2.22	43	6110	1.511 ug/L	82
25) Chloroform	4.42	83	15063	0.246 ug/L	96
35) Methylcyclohexane	6.12	83	40180	0.840 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	19096	0.626 ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	2559	0.085 ug/L	86
48) 2-Hexanone	8.19	43	53976	4.462 ug/L #	80

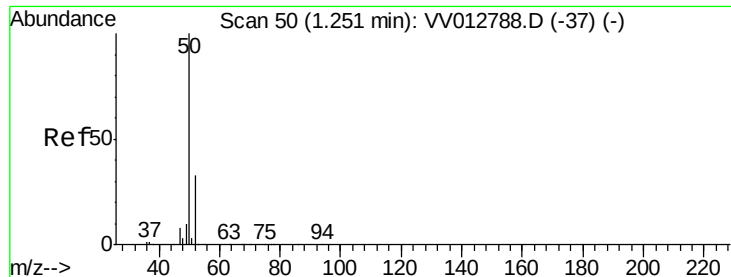
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.075 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV012793.D

Acq: 15 Sep 2019 11:15

Instrument :

MSVOA_V

ClientSampleId :

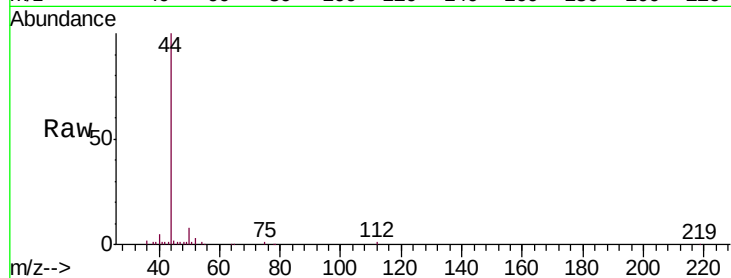
COMJ6

Tgt Ion: 50 Resp: 2713

Ion Ratio Lower Upper

50 100

52 32.3 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV012788.D (-37) (-)

Ion 52.05 (51.75 to 52.75): VV012793.D (-232) (-)

1.25

2500

2000

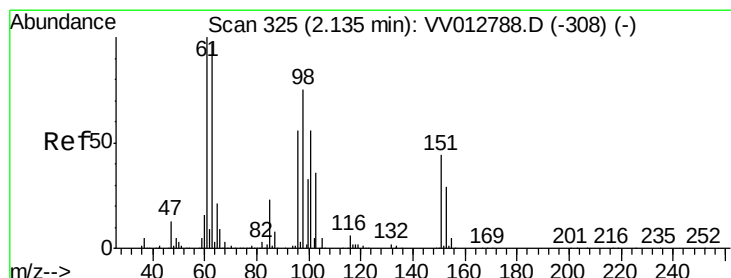
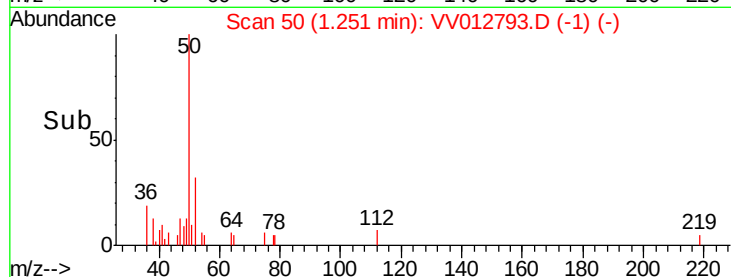
1500

1000

500

0

Time-->



#10

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

Concen: 0.076 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV012793.D

Acq: 15 Sep 2019 11:15

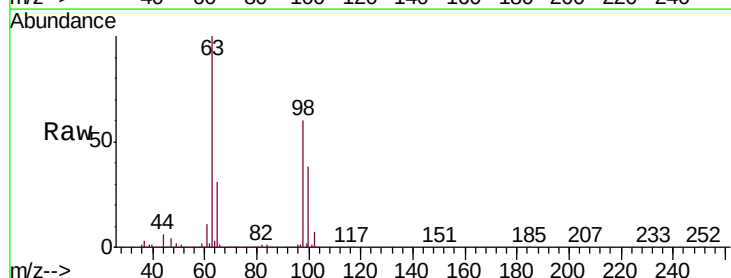
Tgt Ion: 101 Resp: 2085

Ion Ratio Lower Upper

101 100

85 8.8 33.0 49.6#

151 7.1 65.8 98.8#



Abundance Ion 101.00 (100.70 to 101.70): VV012788.D (-308) (-)

Ion 85.00 (84.70 to 85.70): VV012793.D (-232) (-)

Ion 151.00 (150.70 to 151.70): VV012793.D (-232) (-)

2.13

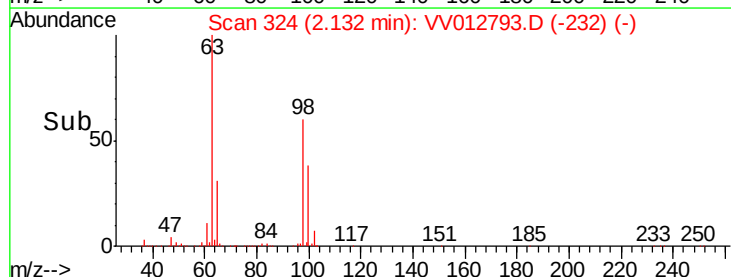
1500

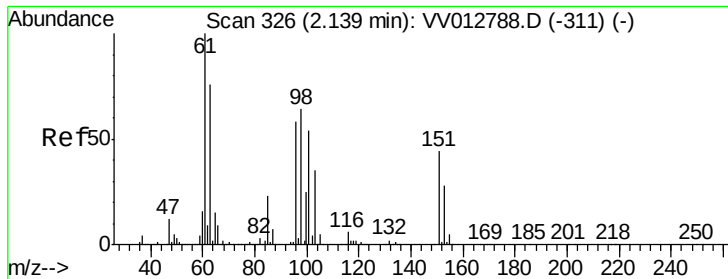
1000

500

0

Time-->

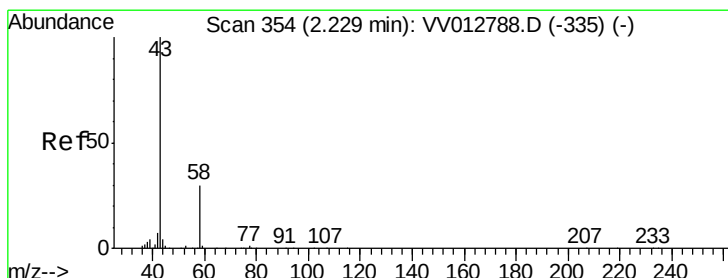
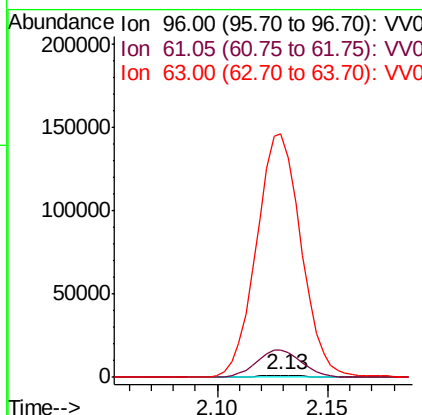
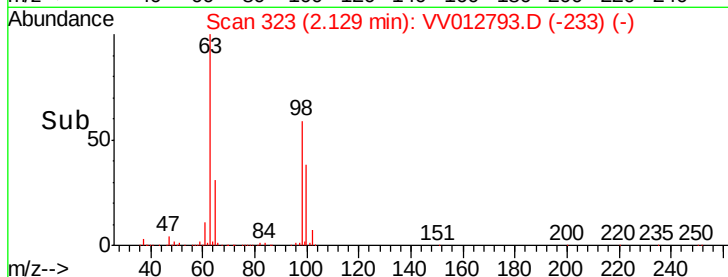
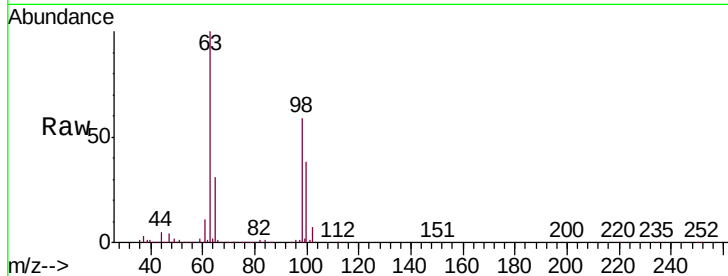




#12
 1,1-Dichloroethene
 Concen: 0.081 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV012793.D
 Acq: 15 Sep 2019 11:15

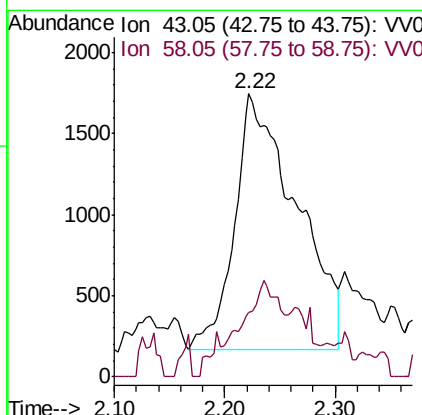
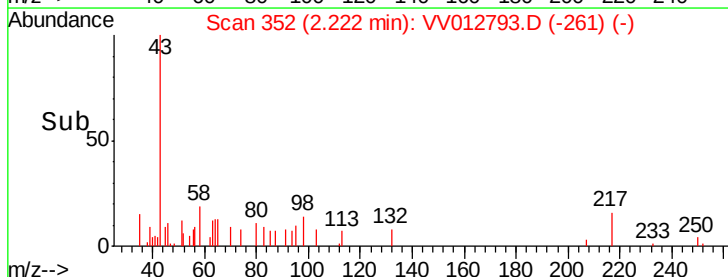
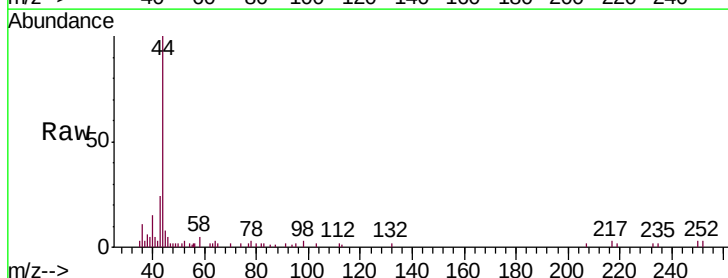
Instrument :
 MSVOA_V
 ClientSampleId :
 COMJ6

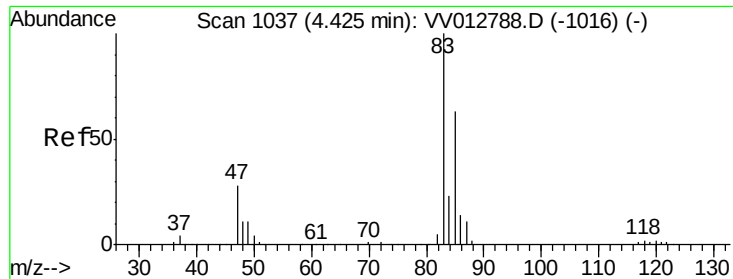
Tgt Ion: 96 Resp: 2115
 Ion Ratio Lower Upper
 96 100
 61 1309.3 115.8 215.0#
 63 11637.3 79.4 147.4#



#13
 Acetone
 Concen: 1.511 ug/L
 RT: 2.22 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VV012793.D
 Acq: 15 Sep 2019 11:15

Tgt Ion: 43 Resp: 6110
 Ion Ratio Lower Upper
 43 100
 58 23.3 0.0 67.4

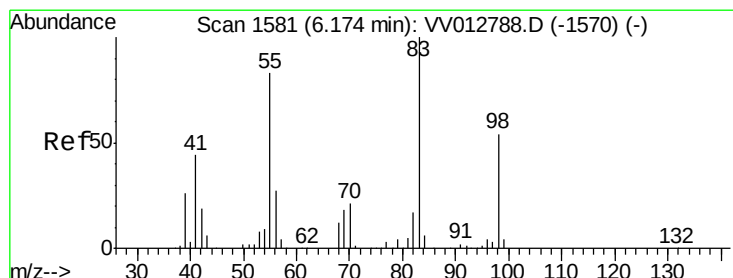
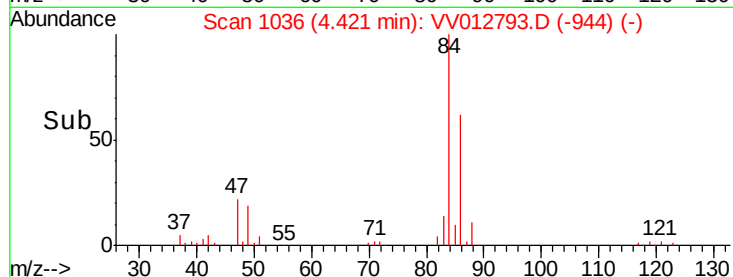
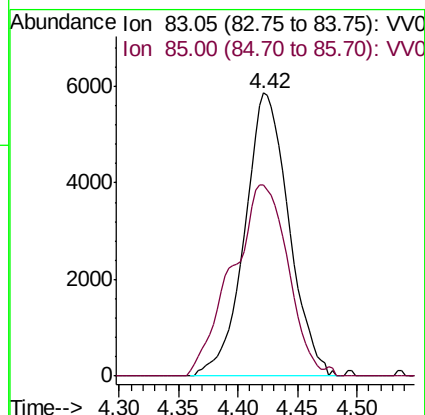
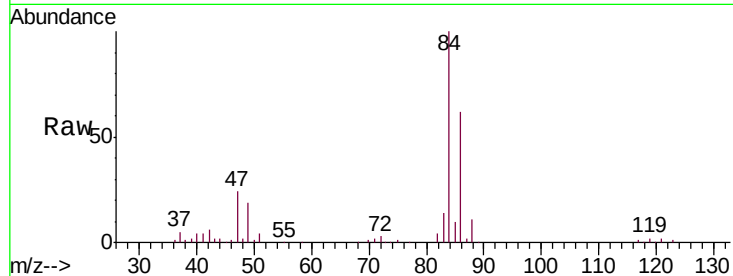




#25
Chloroform
Concen: 0.246 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012793.D
Acq: 15 Sep 2019 11:15

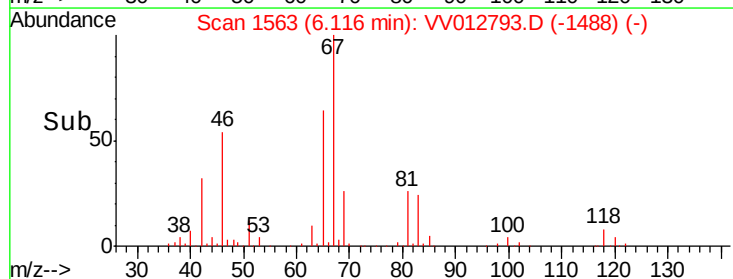
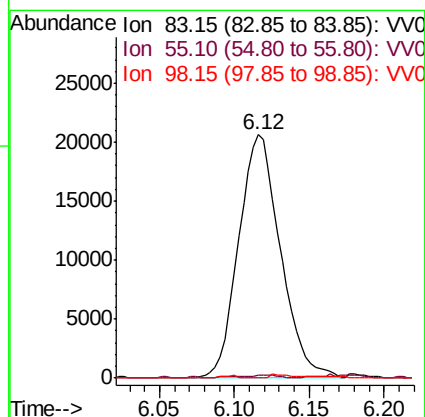
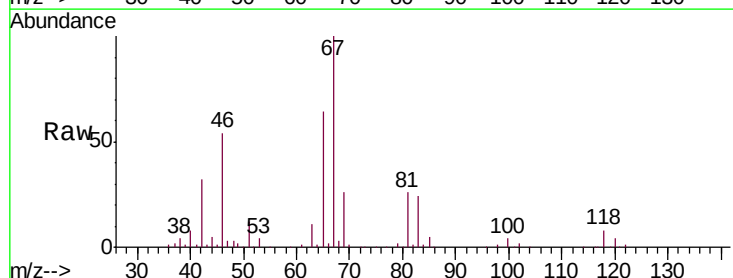
Instrument :
MSVOA_V
ClientSampleId :
COMJ6

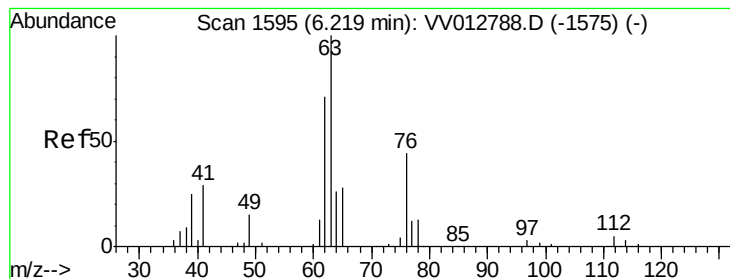
Tgt Ion: 83 Resp: 15063
Ion Ratio Lower Upper
83 100
85 67.6 45.3 84.1



#35
Methylcyclohexane
Concen: 0.840 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012793.D
Acq: 15 Sep 2019 11:15

Tgt Ion: 83 Resp: 40180
Ion Ratio Lower Upper
83 100
55 1.1 63.0 94.4#
98 0.8 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.626 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012793.D

Acq: 15 Sep 2019 11:15

Instrument :

MSVOA_V

ClientSampleId :

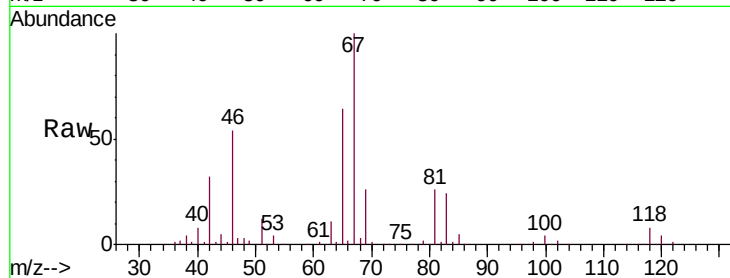
COMJ6

Tgt Ion: 63 Resp: 19096

Ion Ratio Lower Upper

63 100

112 0.1 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV012788.D (-1575) (-)

Ion 112.10 (111.80 to 112.80): VV012788.D (-1575) (-)

6.12

10000

8000

6000

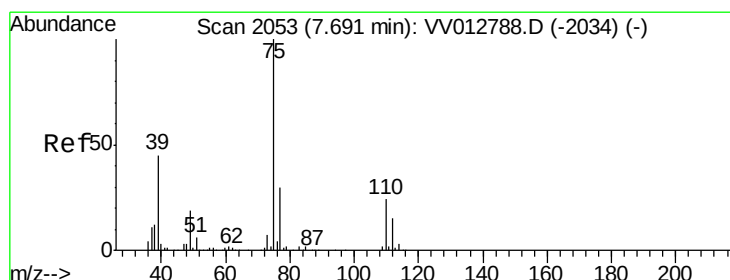
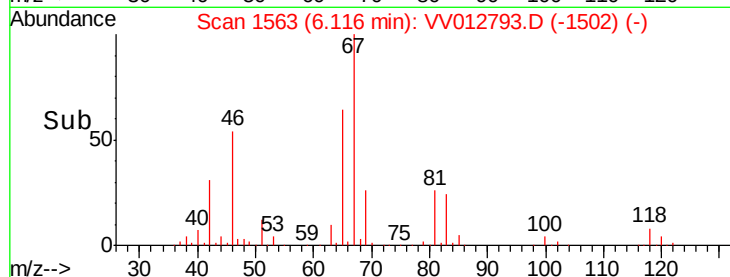
4000

2000

0

6.05 6.10 6.15 6.20

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012793.D

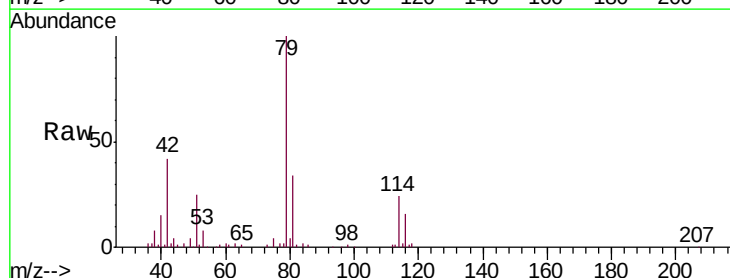
Acq: 15 Sep 2019 11:15

Tgt Ion: 75 Resp: 2559

Ion Ratio Lower Upper

75 100

77 39.9 22.4 41.6



Abundance Ion 75.05 (74.75 to 75.75): VV012788.D (-2034) (-)

Ion 77.05 (76.75 to 77.75): VV012788.D (-2034) (-)

7.66

1500

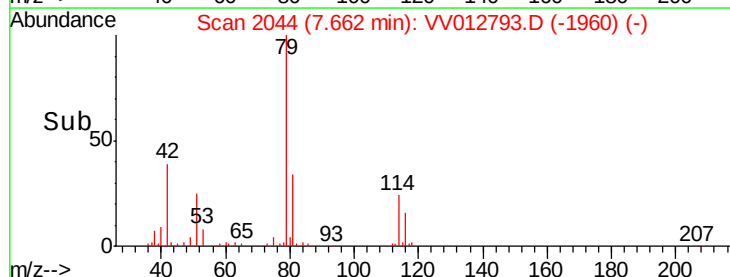
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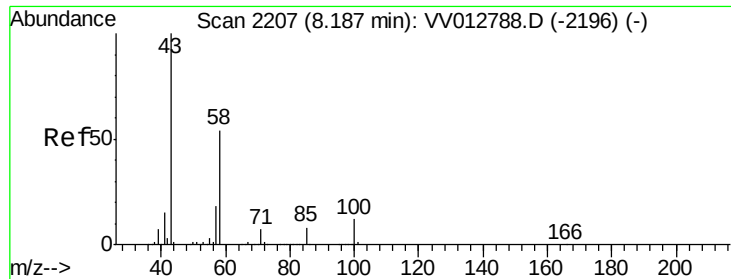
500

0

7.60 7.65 7.70

Time-->





#48
 2-Hexanone
 Concen: 4.462 ug/L
 RT: 8.19 min Scan# 2209
 Delta R.T. 0.01 min
 Lab File: VV012793.D
 Acq: 15 Sep 2019 11:15

Instrument :
 MSVOA_V
 ClientSampleId :
 COMJ6

Tgt Ion: 43 Resp: 53976
 Ion Ratio Lower Upper
 43 100
 58 39.7 44.8 67.2#
 57 11.6 14.9 22.3#
 100 6.7 9.8 14.8#

