

Data File : VV012797.D
Acq On : 15 Sep 2019 13:01
Operator : SY/MD
Sample : K4834-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMM2

Quant Time: Sep 16 07:20:15 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	429494	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	427297	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	158870	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	184128	6.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	126.40%
7) Chloroethane-d5	1.58	69	158339	6.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	131.40%#
11) 1,1-Dichloroethene-d2	2.13	63	227164	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.60%
20) 2-Butanone-d5	3.93	46	382044	54.49	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.98%
24) Chloroform-d	4.40	84	305408	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.40%
26) 1,2-Dichloroethane-d4	5.08	65	157380	6.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.20%
32) Benzene-d6	5.10	84	613544	6.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.20%
36) 1,2-Dichloropropane-d6	6.12	67	192529	5.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.80%
41) Toluene-d8	7.36	98	485522	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
43) trans-1,3-Dichloropropene-	7.66	79	59154	5.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.20%
46) 2-Hexanone-d5	8.13	63	204719	48.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	109173	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	161832	5.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.00%

Target Compounds

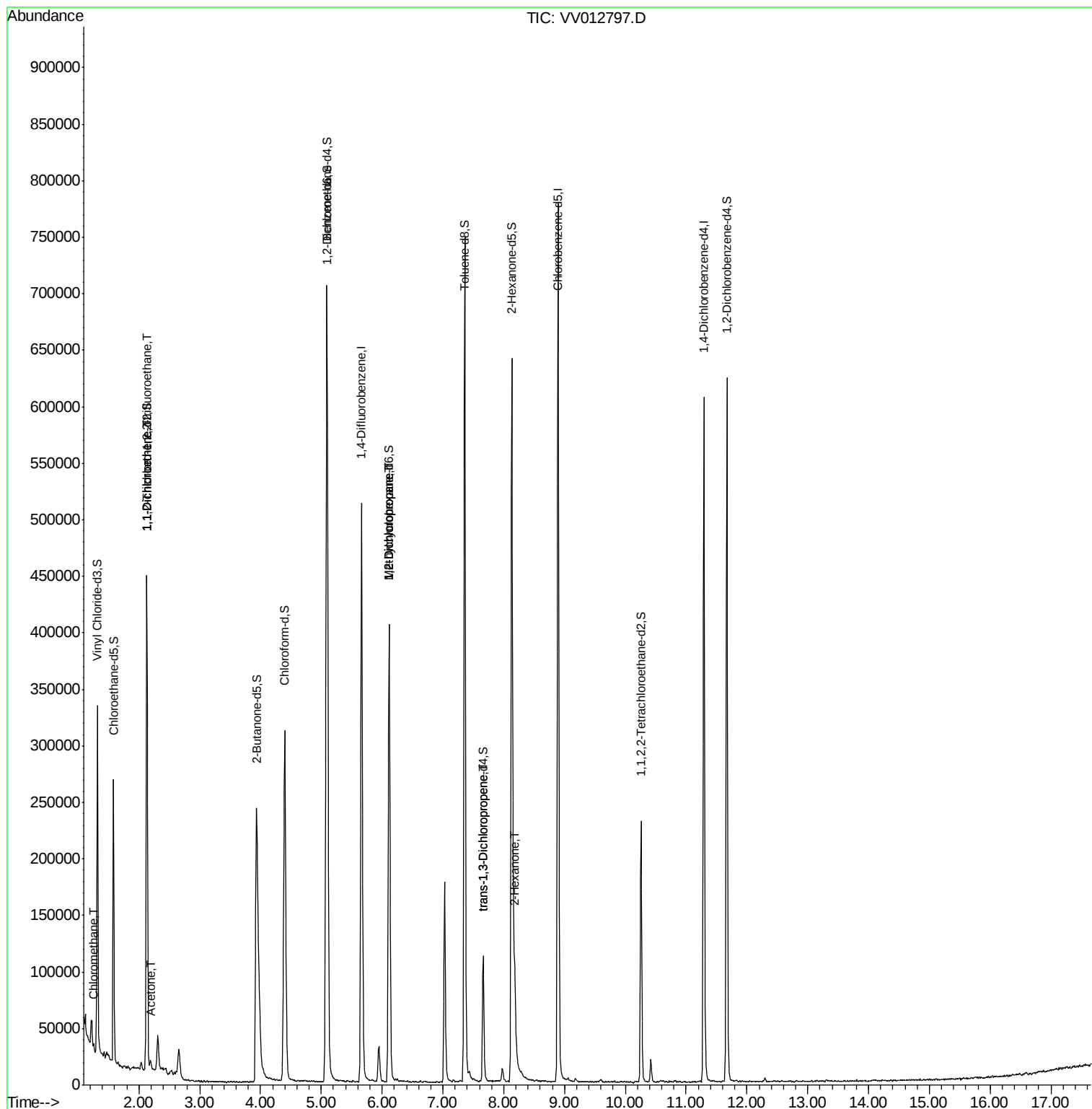
					Qvalue
3) Chloromethane	1.25	50	3148	0.086 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2179	0.078 ug/L #	26
12) 1,1-Dichloroethene	2.13	96	2159	0.081 ug/L #	1
13) Acetone	2.19	43	6137	1.493 ug/L	98
35) Methylcyclohexane	6.12	83	45817	0.939 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	21151	0.680 ug/L #	88
44) trans-1,3-Dichloropropene	7.66	75	2622	0.085 ug/L	89
48) 2-Hexanone	8.18	43	54740	4.437 ug/L #	82

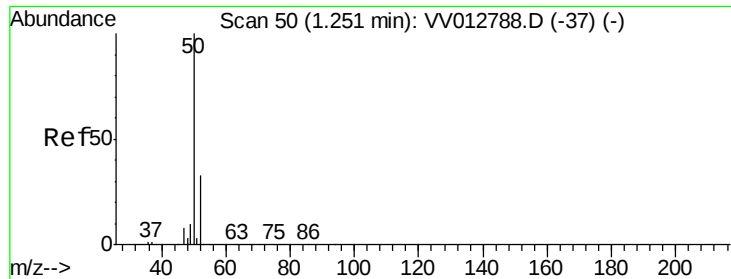
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.086 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

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Acq: 15 Sep 2019 13:01

Instrument :

MSVOA_V

ClientSampleId :

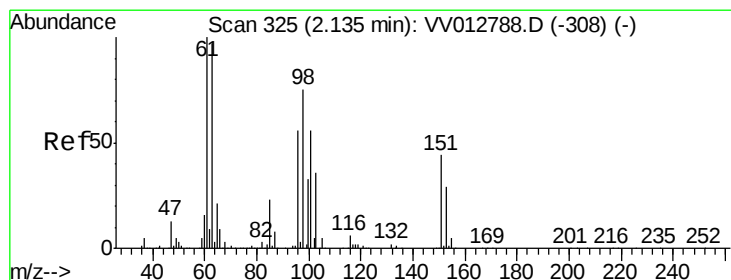
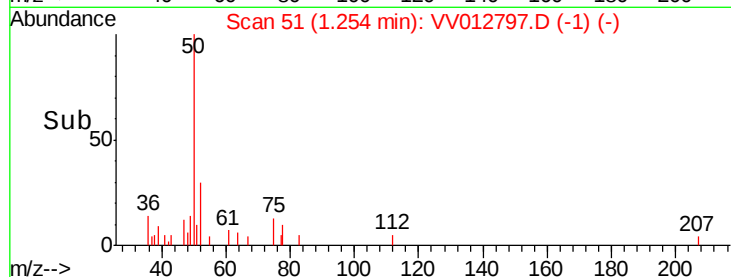
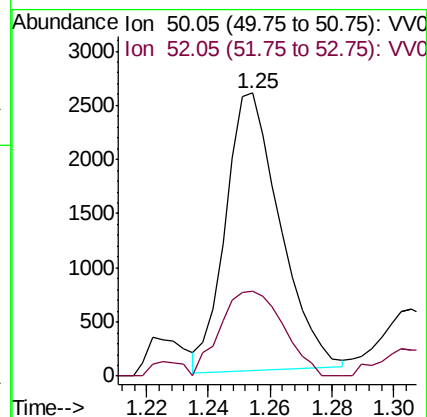
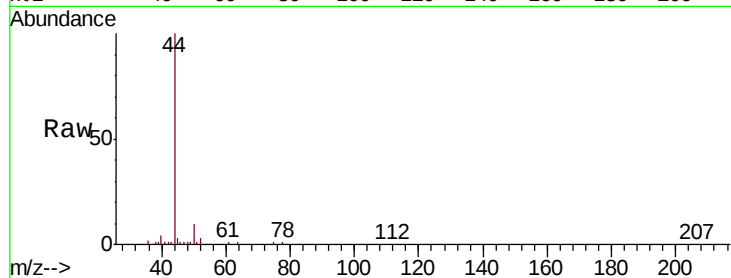
COMM2

Tgt Ion: 50 Resp: 3148

Ion Ratio Lower Upper

50 100

52 30.0 22.9 42.5



#10

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

Concen: 0.078 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV012797.D

Acq: 15 Sep 2019 13:01

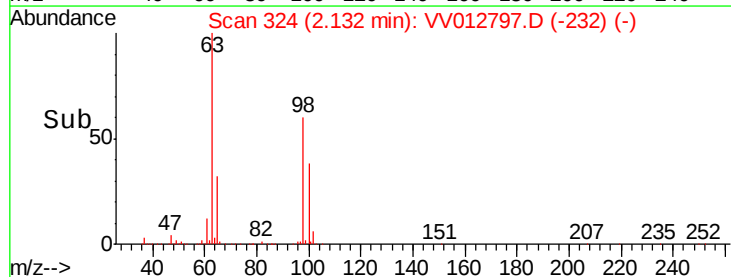
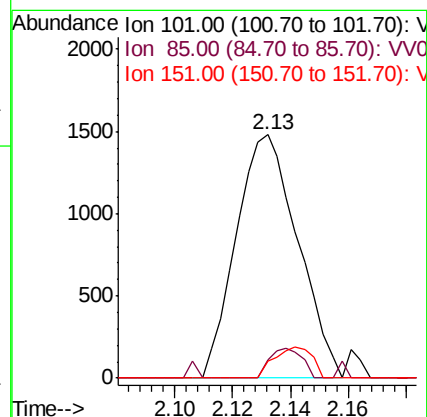
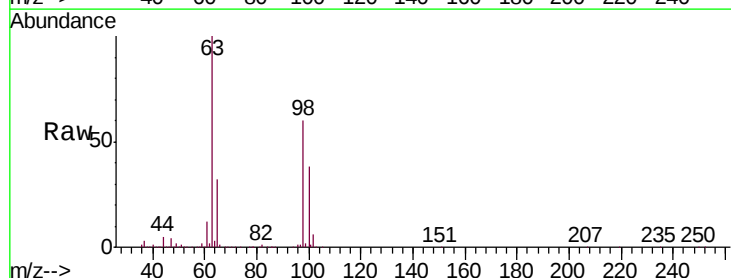
Tgt Ion: 101 Resp: 2179

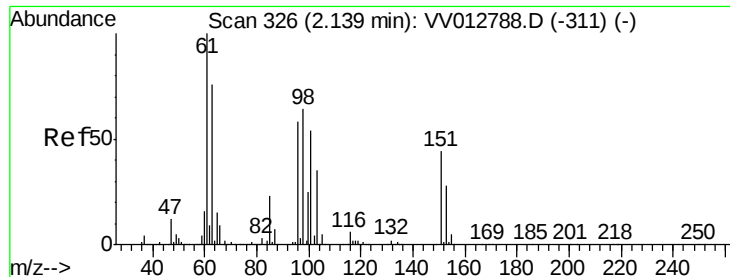
Ion Ratio Lower Upper

101 100

85 6.5 33.0 49.6#

151 7.9 65.8 98.8#





#12

1,1-Dichloroethene

Concen: 0.081 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012797.D

Acq: 15 Sep 2019 13:01

Instrument :

MSVOA_V

ClientSampled :

COMM2

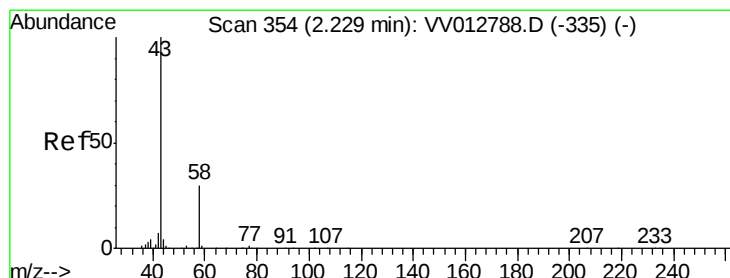
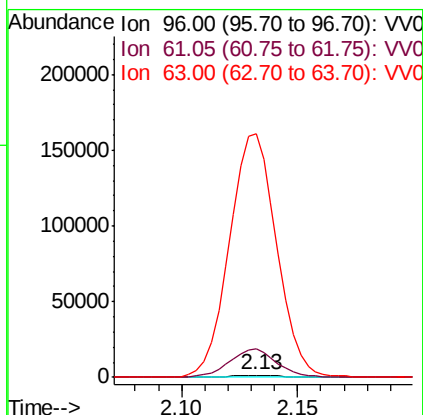
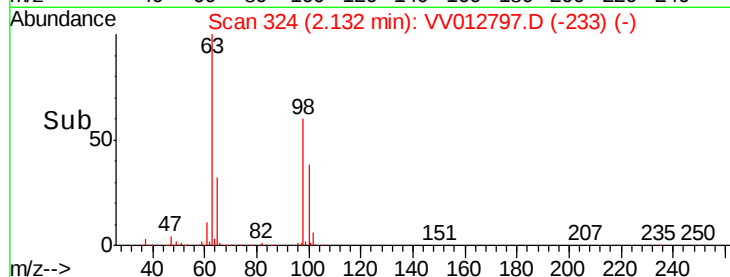
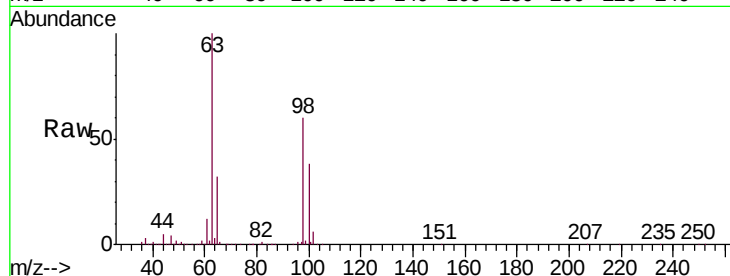
Tgt Ion: 96 Resp: 2159

Ion Ratio Lower Upper

96 100

61 1395.0 115.8 215.0#

63 12078.7 79.4 147.4#



#13

Acetone

Concen: 1.493 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.04 min

Lab File: VV012797.D

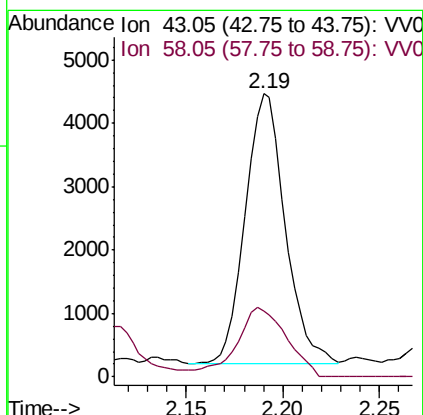
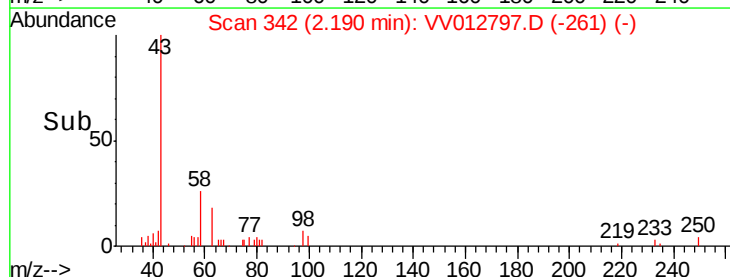
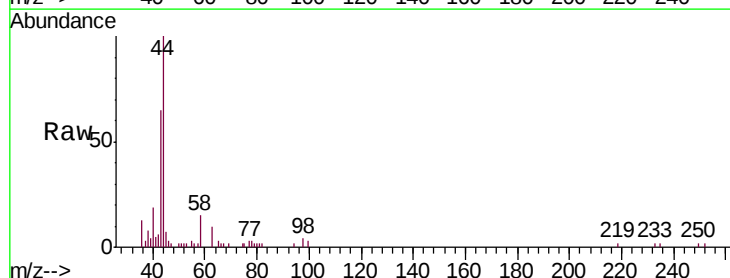
Acq: 15 Sep 2019 13:01

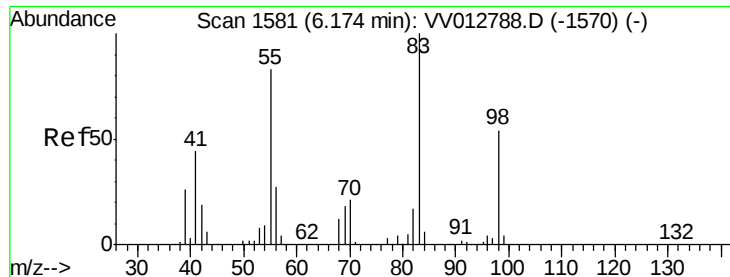
Tgt Ion: 43 Resp: 6137

Ion Ratio Lower Upper

43 100

58 32.5 0.0 67.4

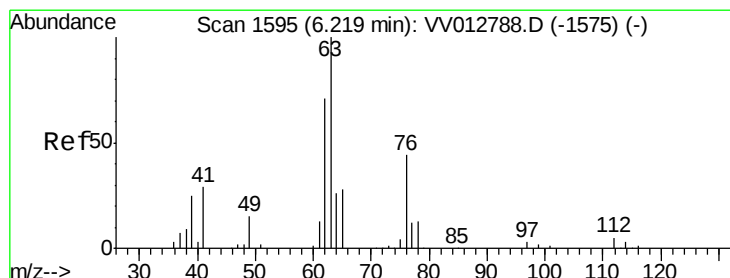
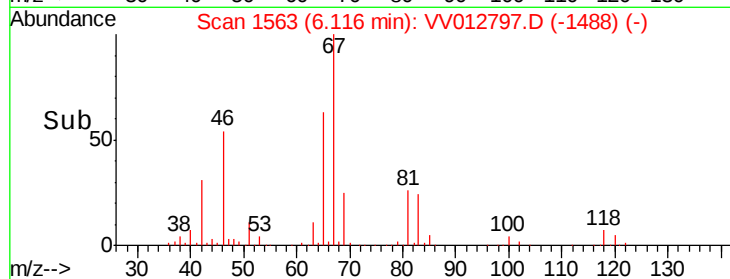
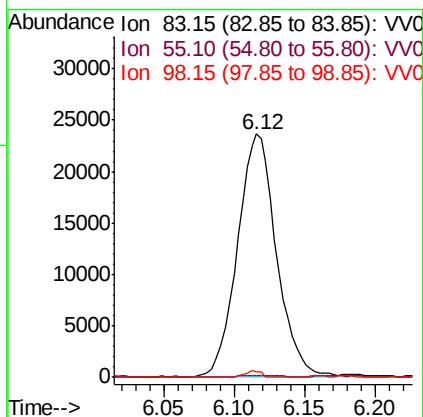
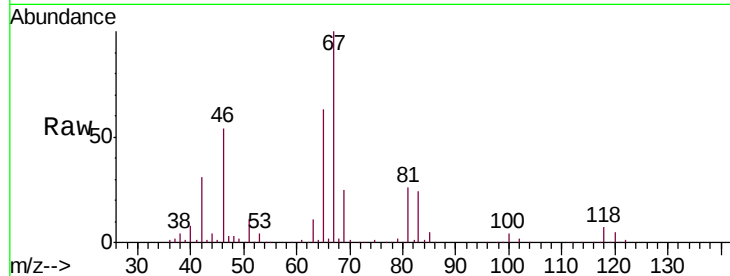




#35
Methylcyclohexane
Concen: 0.939 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012797.D
Acq: 15 Sep 2019 13:01

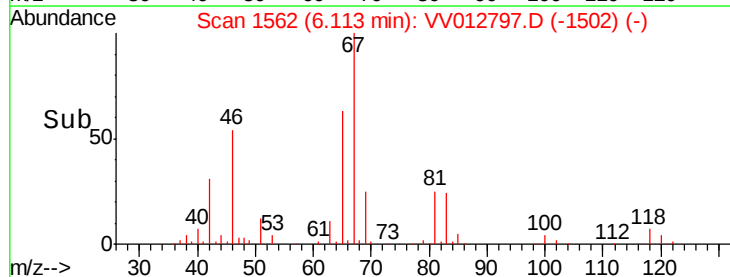
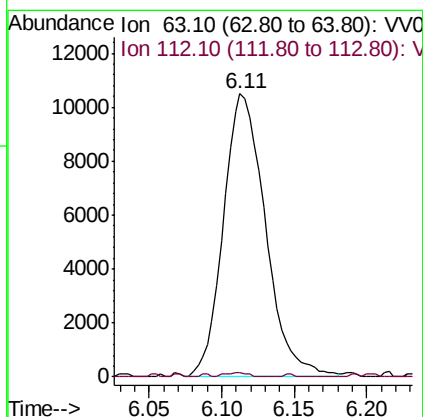
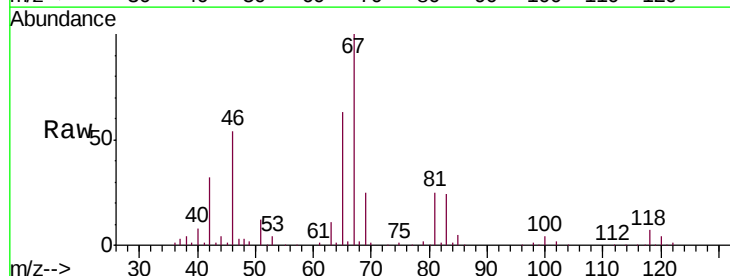
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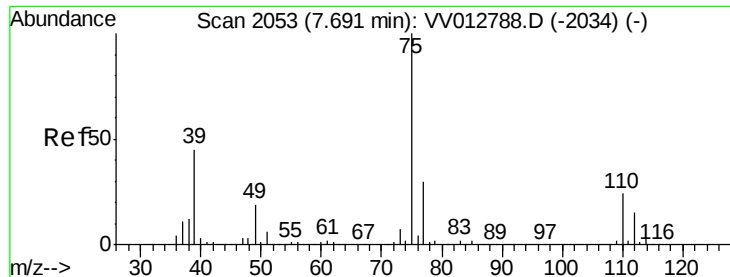
Tgt Ion: 83 Resp: 45817
Ion Ratio Lower Upper
83 100
55 0.7 63.0 94.4#
98 1.2 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.680 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV012797.D
Acq: 15 Sep 2019 13:01

Tgt Ion: 63 Resp: 21151
Ion Ratio Lower Upper
63 100
112 0.8 3.8 5.6#

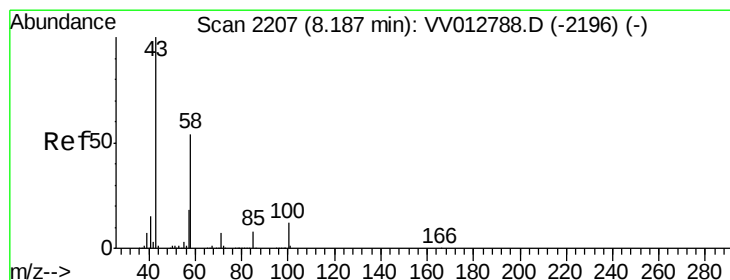
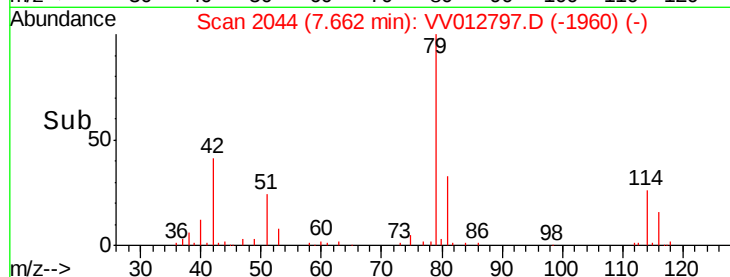
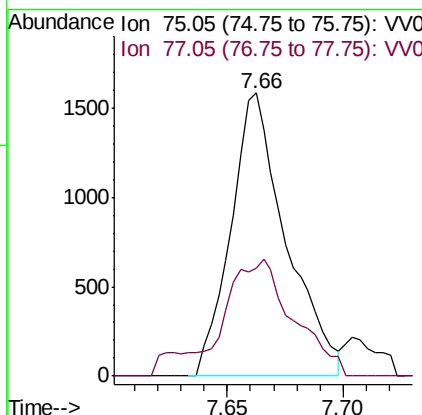
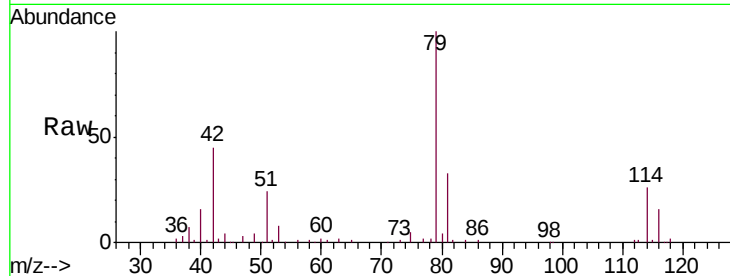




#44
trans-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012797.D
Acq: 15 Sep 2019 13:01

Instrument :
MSVOA_V
ClientSampleId :
COMM2

Tgt Ion: 75 Resp: 2622
Ion Ratio Lower Upper
75 100
77 38.1 22.4 41.6



#48
2-Hexanone
Concen: 4.437 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.01 min
Lab File: VV012797.D
Acq: 15 Sep 2019 13:01

Tgt Ion: 43 Resp: 54740
Ion Ratio Lower Upper
43 100
58 38.9 44.8 67.2#
57 14.9 14.9 22.3#
100 9.3 9.8 14.8#

