

Data File : VV012141.D
Acq On : 08 Aug 2019 23:30
Operator : SY/MD
Sample : K4184-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA2

Quant Time: Aug 09 06:49:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 09 06:44:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	105435	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	98433	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	54701	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23271	5.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.80%
7) Chloroethane-d5	1.58	69	16474	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.13	63	34316	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	3.94	46	15347	13.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	26.50%#
24) Chloroform-d	4.40	84	59258	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.08	65	35932	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.10	84	121771	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.12	67	32189	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	120393	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.66	79	15046	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.13	63	44401	41.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26163	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	52884	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

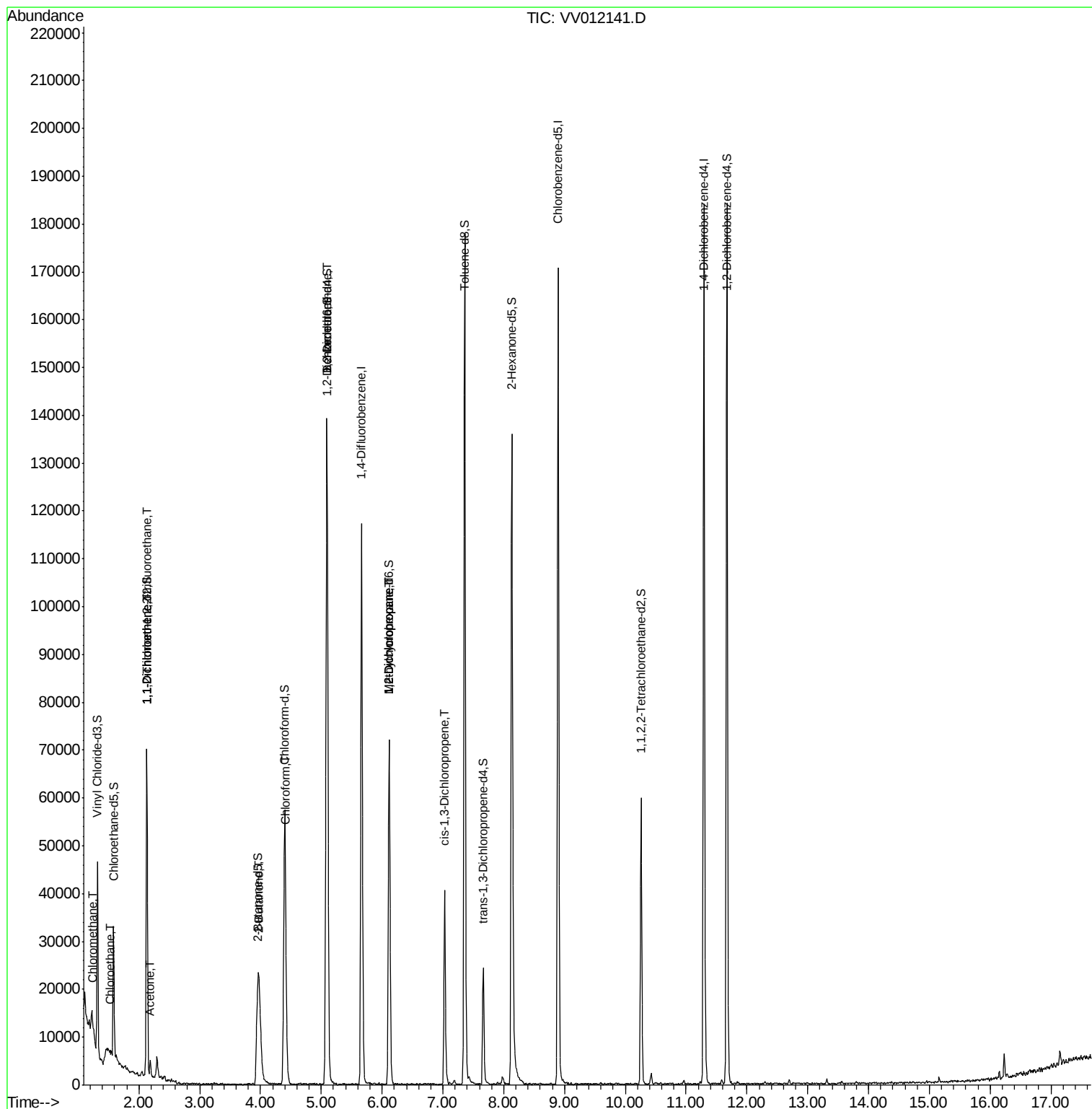
					Qvalue	
3) Chloromethane	1.25	50	310	0.070	ug/L #	66
8) Chloroethane	1.53	64	428	0.155	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	437	0.096	ug/L #	12
12) 1,1-Dichloroethene	2.14	96	355	0.084	ug/L #	1
13) Acetone	2.19	43	2806	4.118	ug/L	99
21) 2-Butanone	3.98	43	3572	3.033	ug/L #	60
25) Chloroform	4.42	83	5872	0.450	ug/L	91
27) 1,2-Dichloroethane	5.09	62	845	0.108	ug/L #	77
35) Methylcyclohexane	6.12	83	9179	0.828	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	4068	0.781	ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	1042	0.110	ug/L #	82

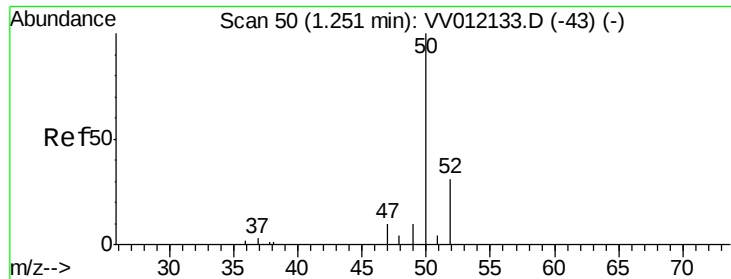
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.070 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012141.D

Acq: 08 Aug 2019 23:30

Instrument :

MSVOA_V

ClientSampled :

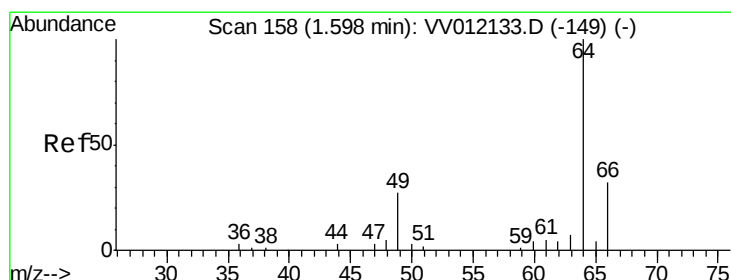
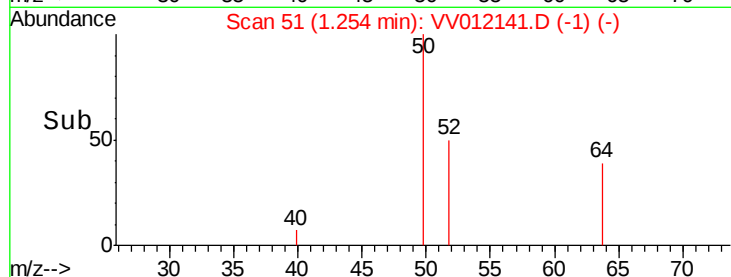
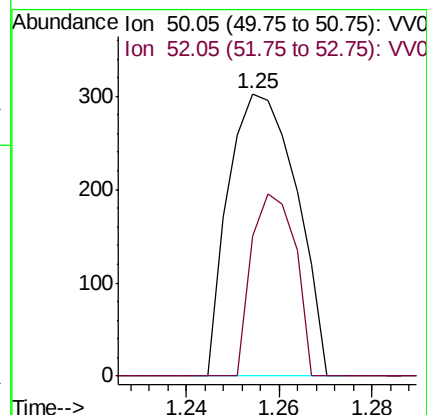
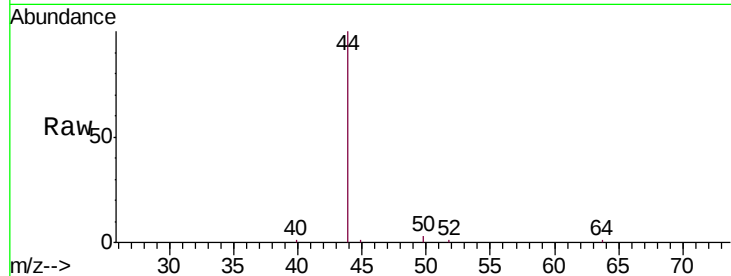
C0AA2

Tgt Ion: 50 Resp: 310

Ion Ratio Lower Upper

50 100

52 49.5 21.6 40.0#



#8

Chloroethane

Concen: 0.155 ug/L

RT: 1.53 min Scan# 137

Delta R.T. -0.07 min

Lab File: VV012141.D

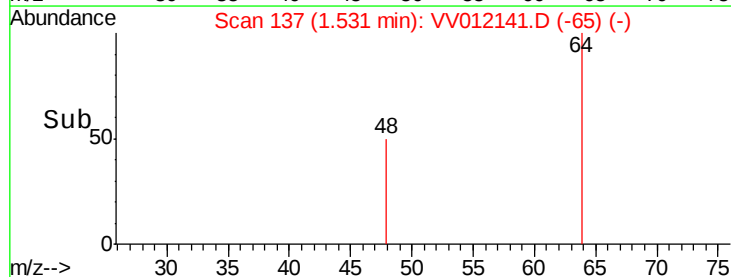
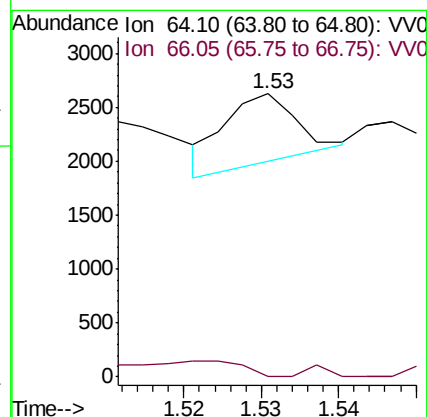
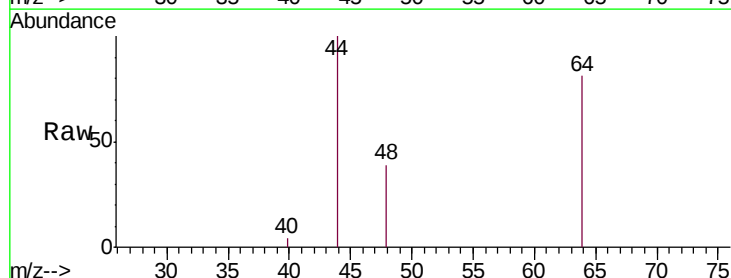
Acq: 08 Aug 2019 23:30

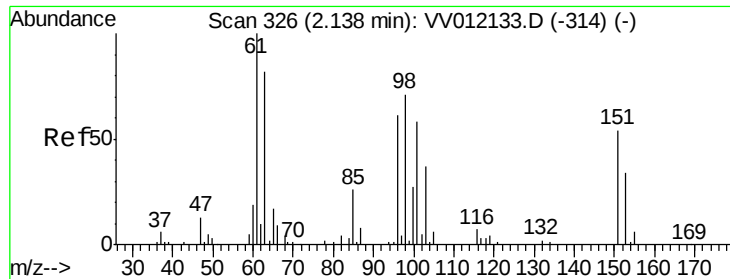
Tgt Ion: 64 Resp: 428

Ion Ratio Lower Upper

64 100

66 0.0 22.3 41.5#





#10

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

Concen: 0.096 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012141.D

Acq: 08 Aug 2019 23:30

Instrument :

MSVOA_V

ClientSampleId :

C0AA2

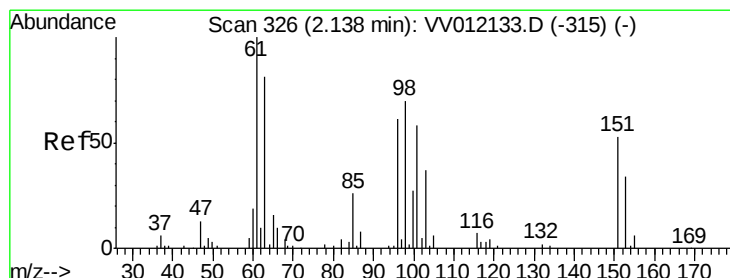
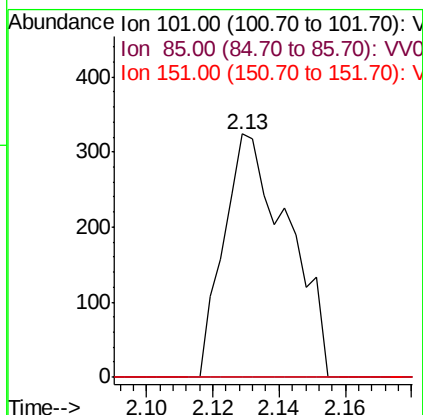
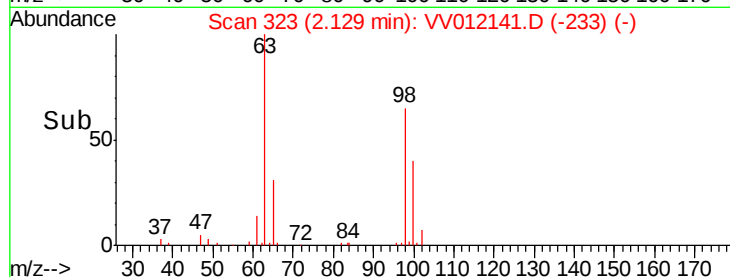
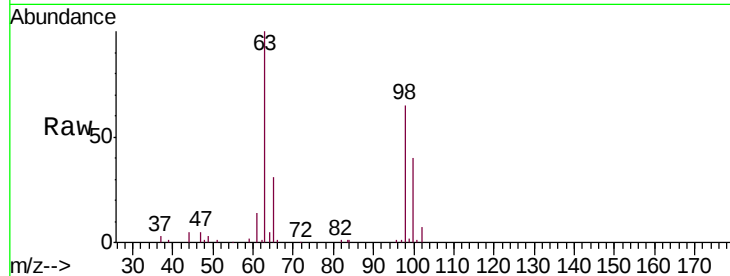
Tgt Ion: 101 Resp: 437

Ion Ratio Lower Upper

101 100

85 0.0 34.3 51.5#

151 0.0 75.0 112.6#



#12

1,1-Dichloroethene

Concen: 0.084 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV012141.D

Acq: 08 Aug 2019 23:30

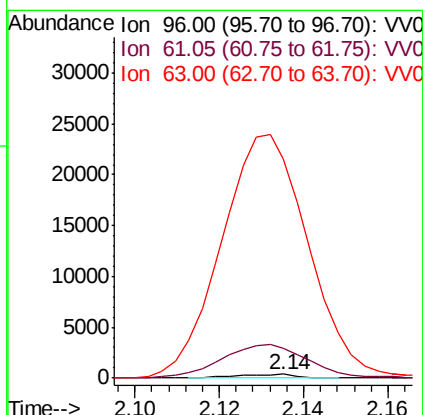
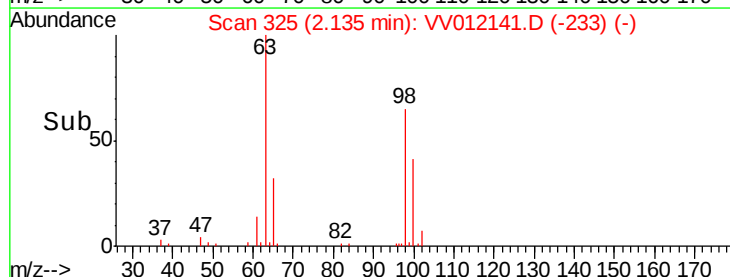
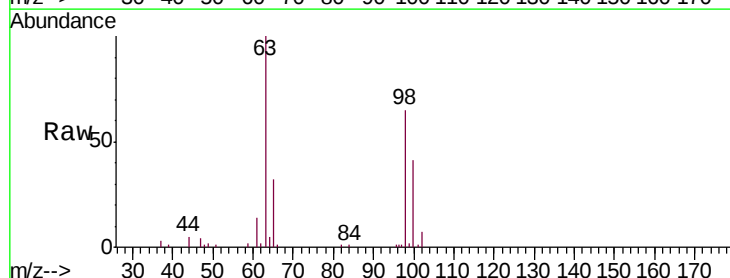
Tgt Ion: 96 Resp: 355

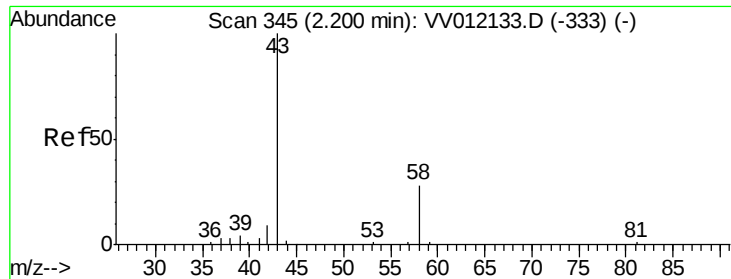
Ion Ratio Lower Upper

96 100

61 758.4 114.7 213.1#

63 5514.3 94.9 176.3#





#13

Acetone

Concen: 4.118 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV012141.D

Acq: 08 Aug 2019 23:30

Instrument :

MSVOA_V

ClientSampleId :

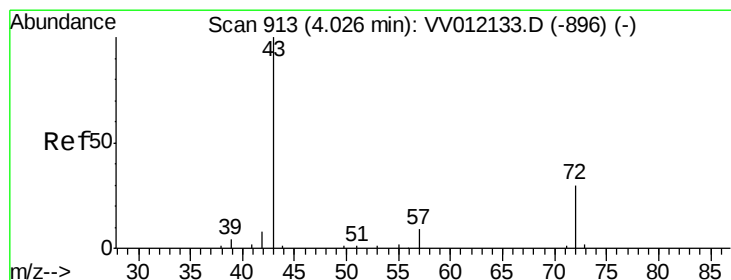
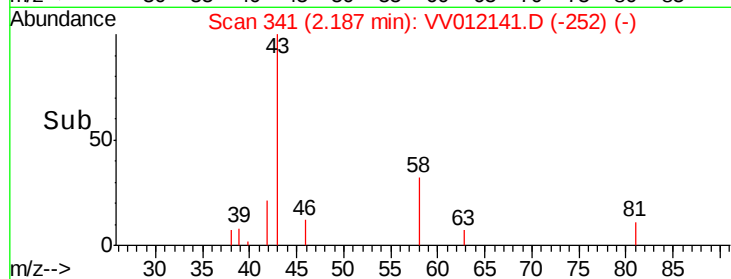
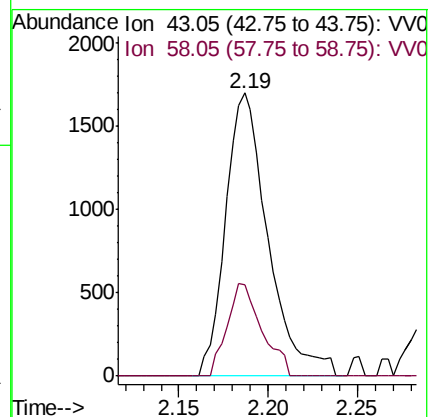
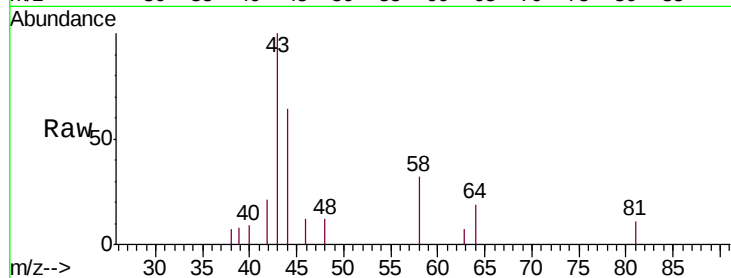
C0AA2

Tgt Ion: 43 Resp: 2806

Ion Ratio Lower Upper

43 100

58 26.8 0.0 54.6



#21

2-Butanone

Concen: 3.033 ug/L

RT: 3.98 min Scan# 900

Delta R.T. -0.04 min

Lab File: VV012141.D

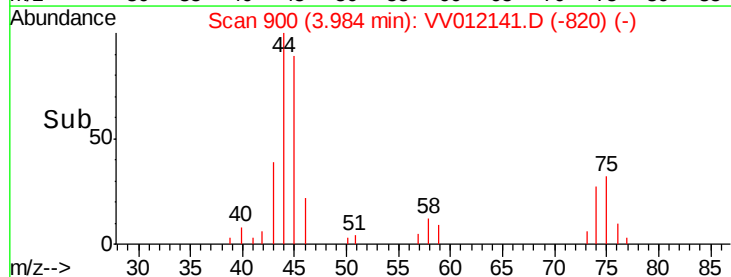
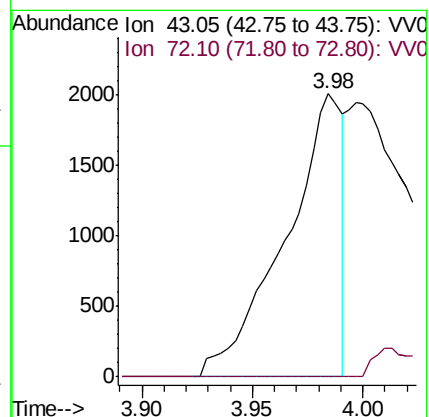
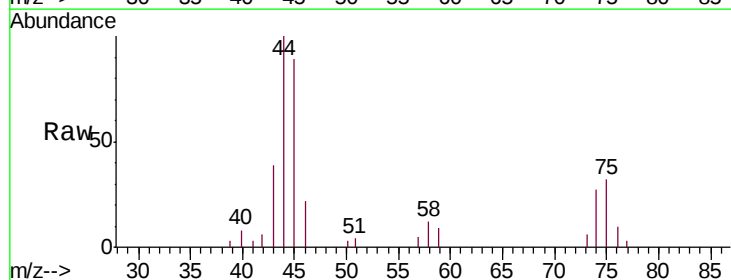
Acq: 08 Aug 2019 23:30

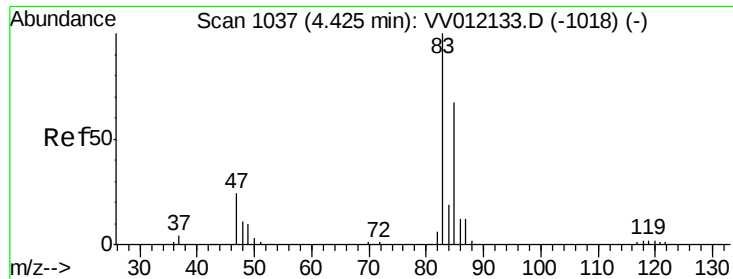
Tgt Ion: 43 Resp: 3572

Ion Ratio Lower Upper

43 100

72 8.0 14.8 44.3#

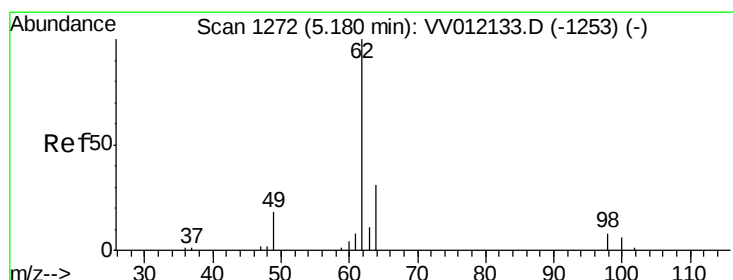
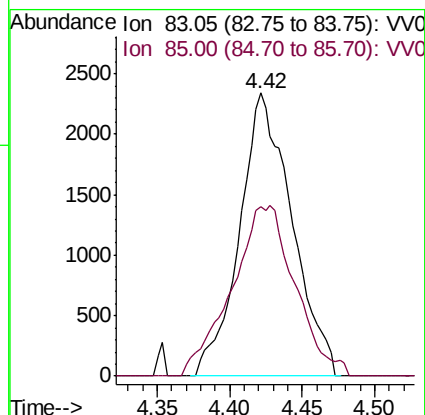
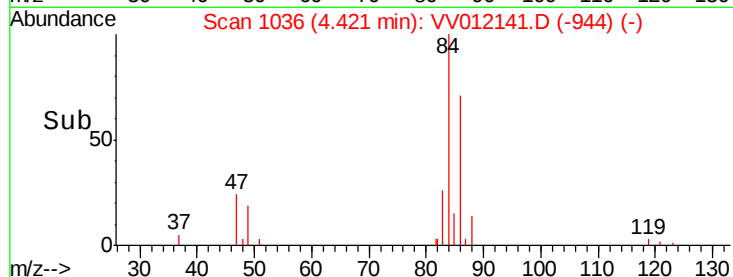
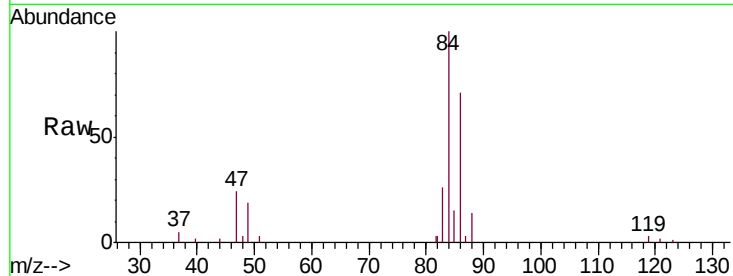




#25
Chloroform
Concen: 0.450 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012141.D
Acq: 08 Aug 2019 23:30

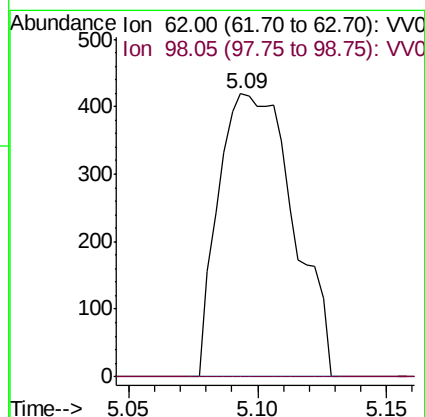
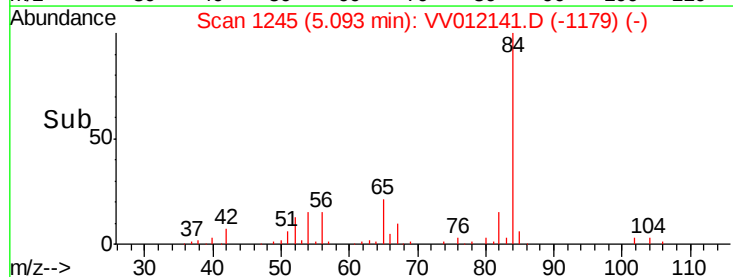
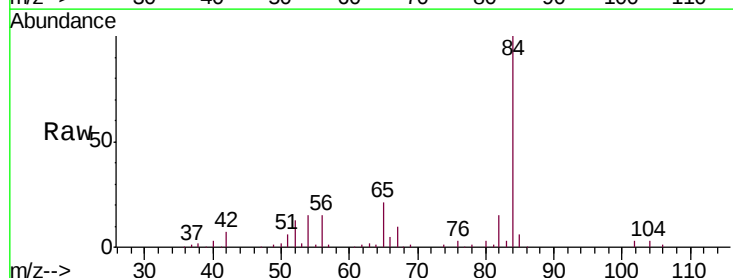
Instrument :
MSVOA_V
ClientSampled :
C0AA2

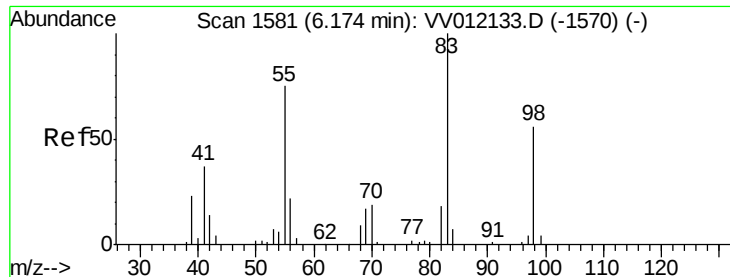
Tgt Ion: 83 Resp: 5872
Ion Ratio Lower Upper
83 100
85 59.7 47.1 87.5



#27
1,2-Dichloroethane
Concen: 0.108 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VV012141.D
Acq: 08 Aug 2019 23:30

Tgt Ion: 62 Resp: 845
Ion Ratio Lower Upper
62 100
98 0.0 6.4 9.6#

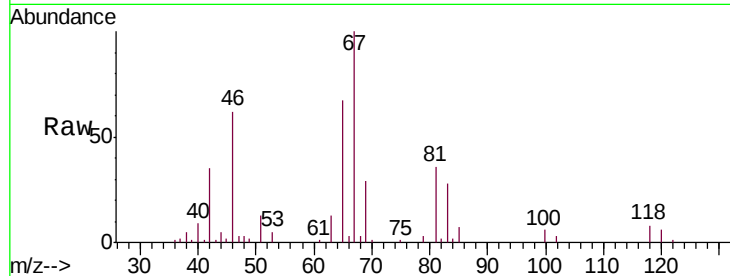




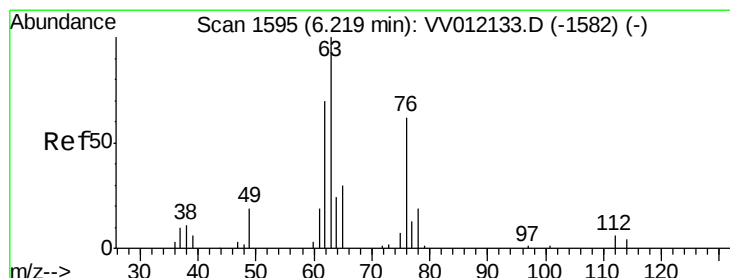
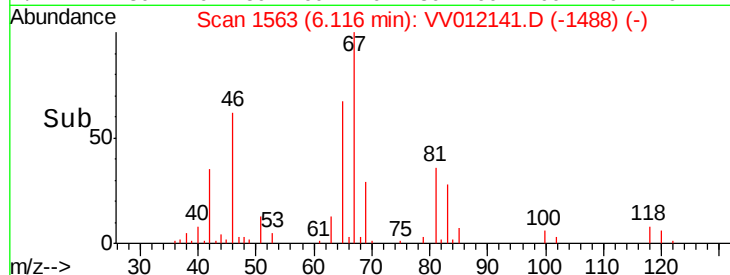
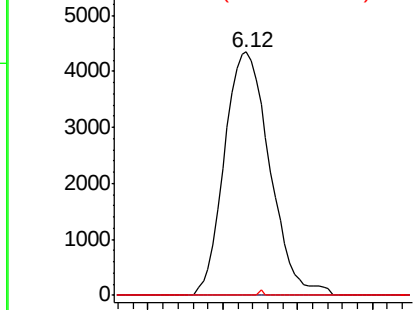
#35
Methylcyclohexane
Concen: 0.828 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012141.D
Acq: 08 Aug 2019 23:30

Instrument :
MSVOA_V
ClientSampleId :
C0AA2

Tgt Ion: 83 Resp: 9179
Ion Ratio Lower Upper
83 100
55 0.0 55.0 82.6#
98 0.2 40.4 60.6#

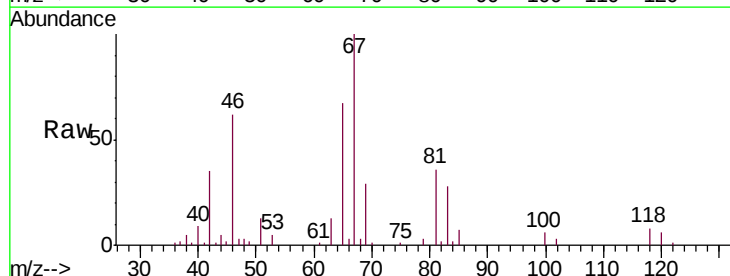


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

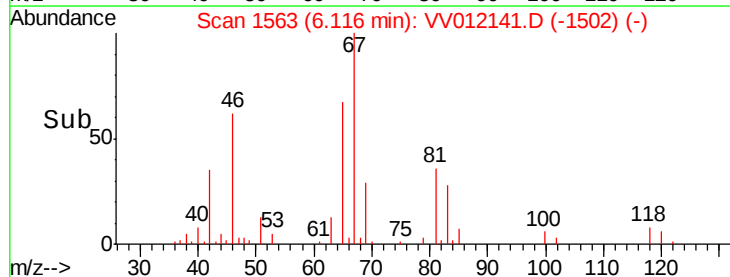
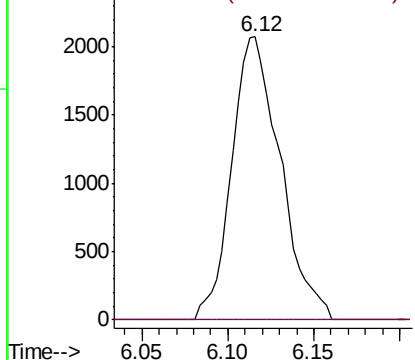


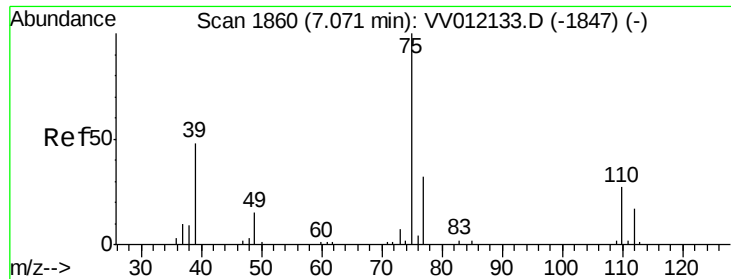
#37
1,2-Dichloropropane
Concen: 0.781 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012141.D
Acq: 08 Aug 2019 23:30

Tgt Ion: 63 Resp: 4068
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



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





#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012141.D
 Acq: 08 Aug 2019 23:30

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA2

Tgt Ion: 75 Resp: 1042
 Ion Ratio Lower Upper
 75 100
 77 41.9 22.5 41.7#

