

Data File : VV012254.D
Acq On : 15 Aug 2019 17:37
Operator : SY/MD
Sample : K4373-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AC0

Quant Time: Aug 16 04:25:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 16 04:21:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	149643	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	145720	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	64663	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44029	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.58	69	28574	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.13	63	50852	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	3.94	46	40550	20.36	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	40.72%
24) Chloroform-d	4.40	84	82861	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.08	65	46201	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.10	84	166744	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.12	67	48123	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.36	98	150263	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.66	79	18834	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.13	63	52923	39.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34206	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	59703	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

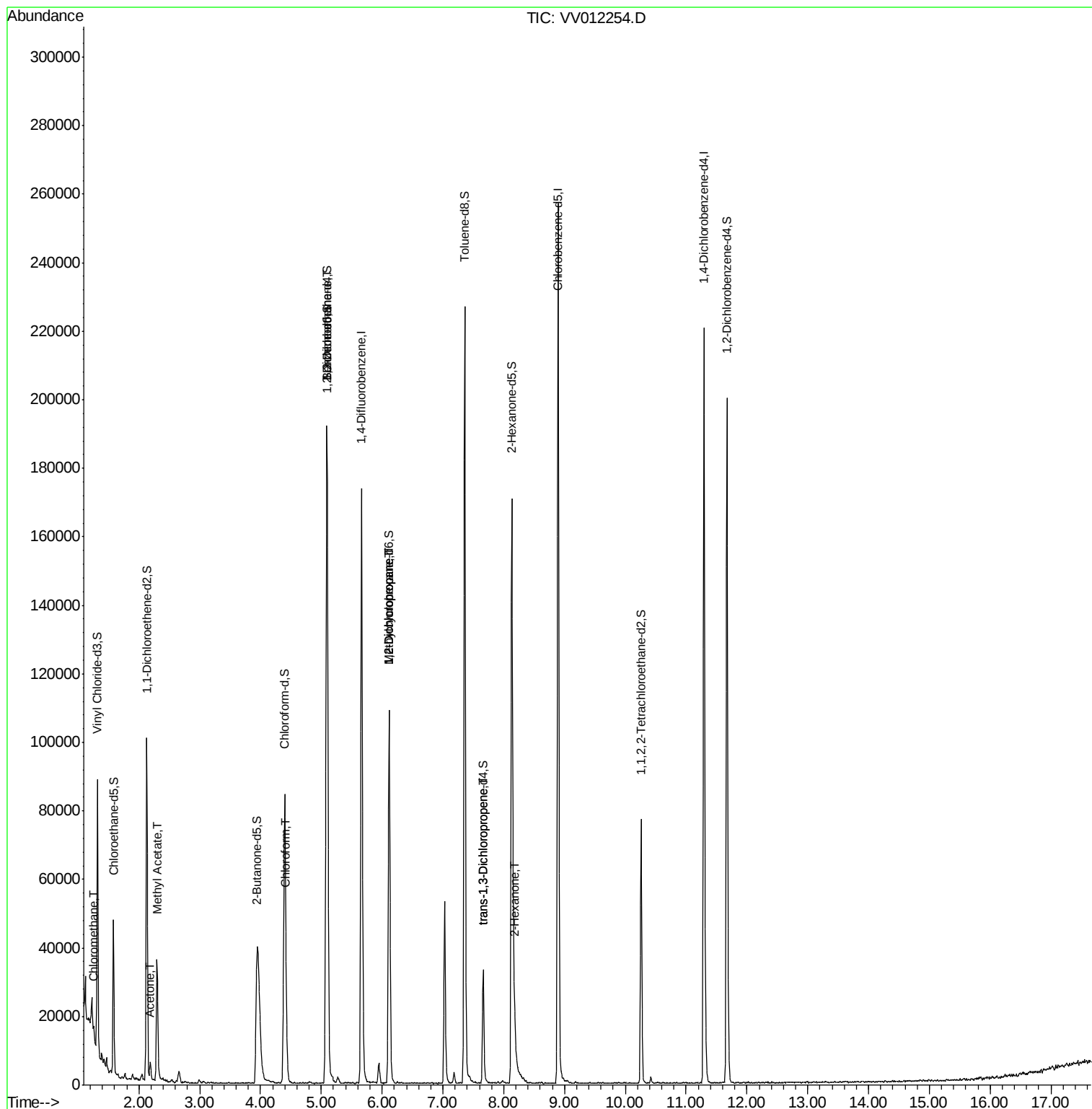
					Qvalue
3) Chloromethane	1.25	50	1532	0.118 ug/L	96
13) Acetone	2.19	43	3784	3.049 ug/L	95
15) Methyl Acetate	2.30	43	8824	2.817 ug/L #	50
25) Chloroform	4.43	83	5201	0.238 ug/L	98
27) 1,2-Dichloroethane	5.09	62	1085	0.090 ug/L #	74
35) Methylcyclohexane	6.12	83	12484	0.675 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	5788	0.528 ug/L #	85
44) trans-1,3-Dichloropropene	7.66	75	903	0.076 ug/L	87
48) 2-Hexanone	8.18	43	6762	1.591 ug/L #	80

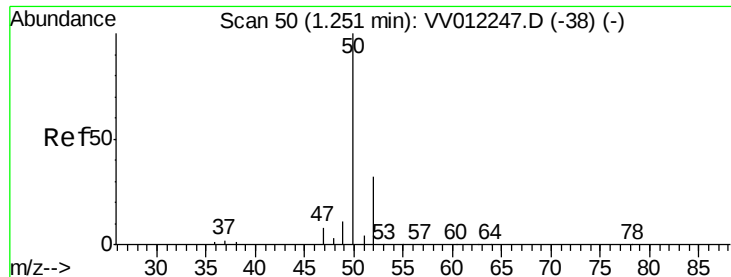
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.118 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012254.D

Acq: 15 Aug 2019 17:37

Instrument :

MSVOA_V

ClientSampleId :

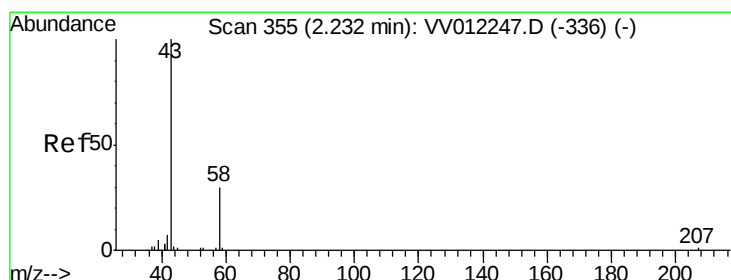
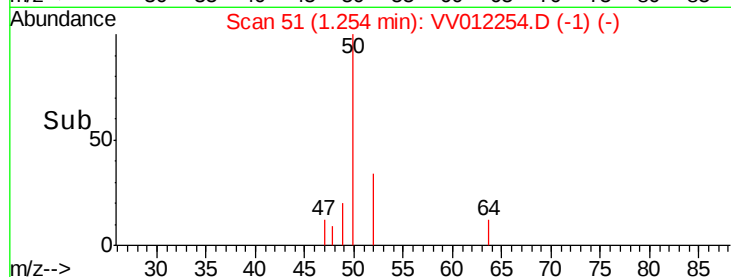
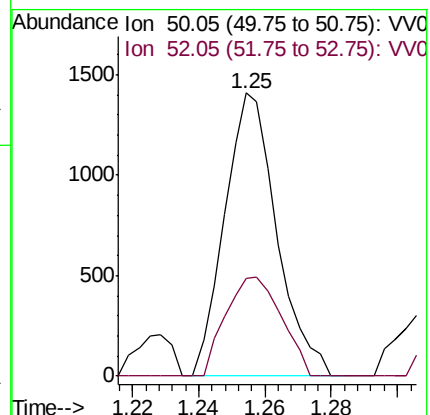
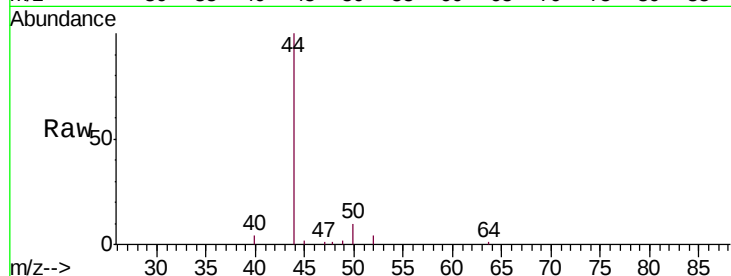
C0AC0

Tgt Ion: 50 Resp: 1532

Ion Ratio Lower Upper

50 100

52 34.4 22.6 42.0



#13

Acetone

Concen: 3.049 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV012254.D

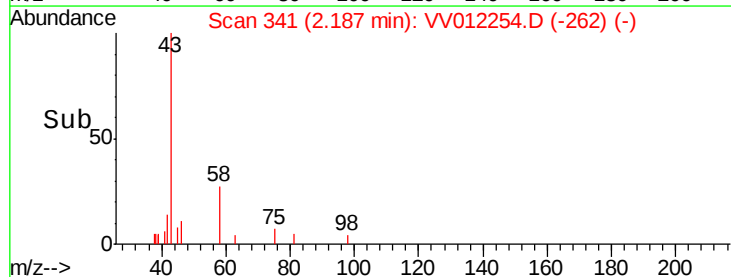
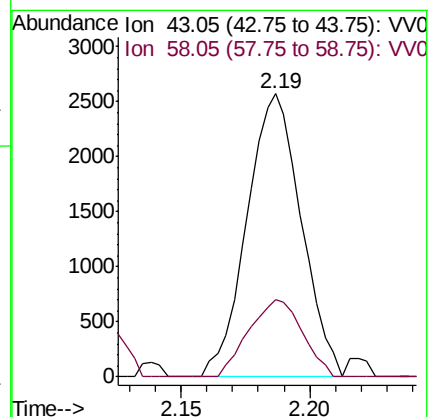
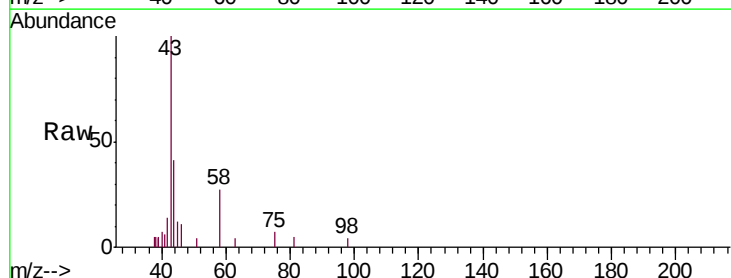
Acq: 15 Aug 2019 17:37

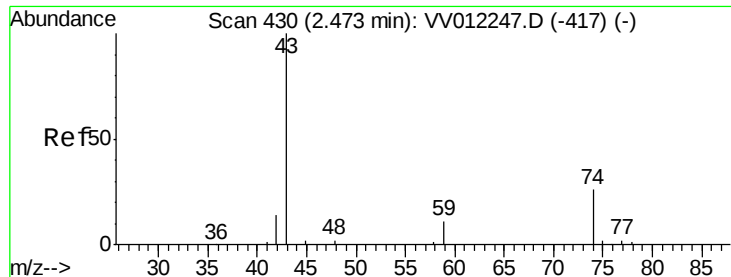
Tgt Ion: 43 Resp: 3784

Ion Ratio Lower Upper

43 100

58 26.9 0.0 59.4

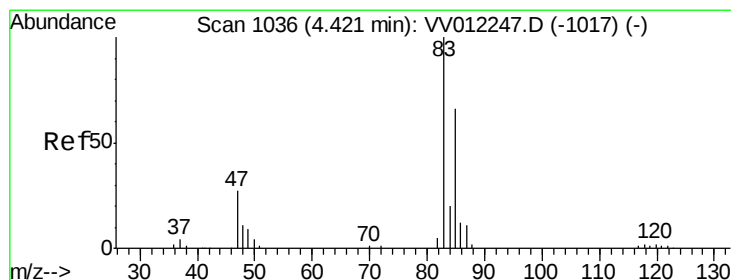
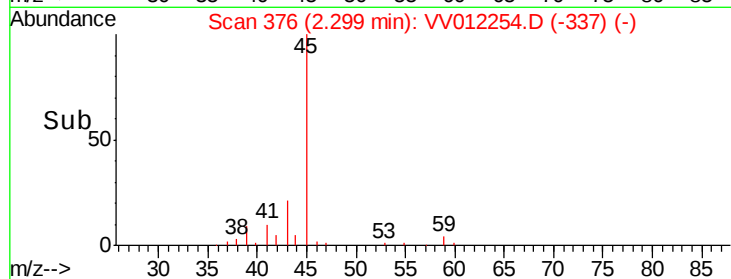
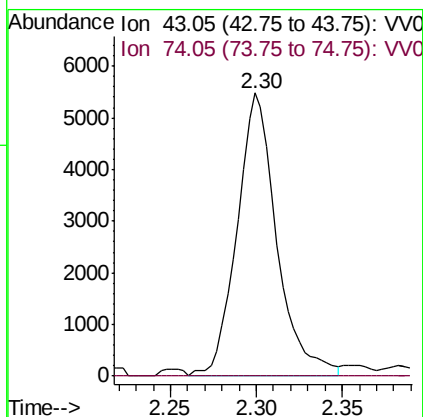
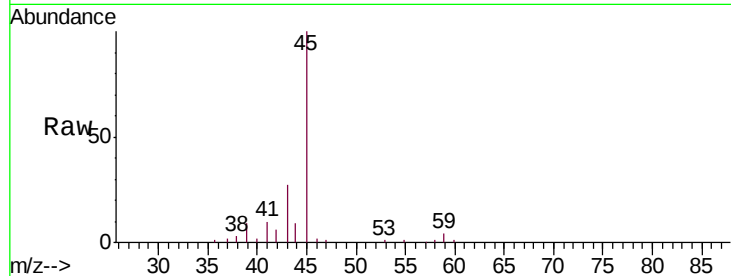




#15
Methyl Acetate
Concen: 2.817 ug/L
RT: 2.30 min Scan# 376
Delta R.T. -0.17 min
Lab File: VV012254.D
Acq: 15 Aug 2019 17:37

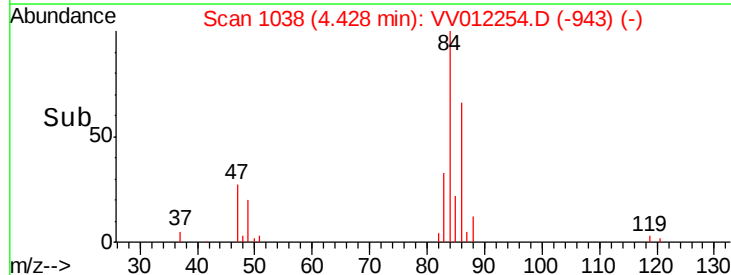
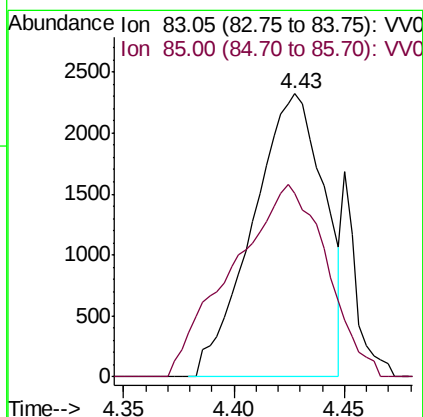
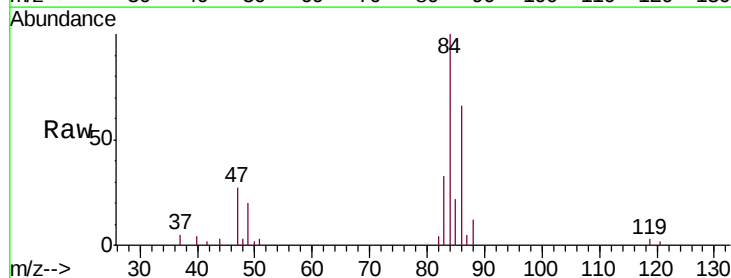
Instrument :
MSVOA_V
ClientSampleId :
C0AC0

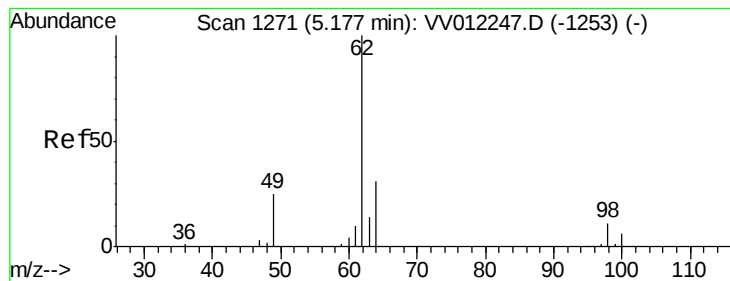
Tgt Ion: 43 Resp: 8824
Ion Ratio Lower Upper
43 100
74 0.0 20.3 30.5#



#25
Chloroform
Concen: 0.238 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV012254.D
Acq: 15 Aug 2019 17:37

Tgt Ion: 83 Resp: 5201
Ion Ratio Lower Upper
83 100
85 64.8 44.3 82.3





#27

1,2-Dichloroethane

Concen: 0.090 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.08 min

Lab File: VV012254.D

Acq: 15 Aug 2019 17:37

Instrument :

MSVOA_V

ClientSampleId :

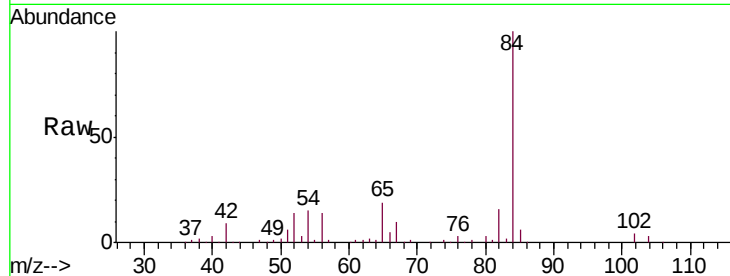
C0AC0

Tgt Ion: 62 Resp: 1085

Ion Ratio Lower Upper

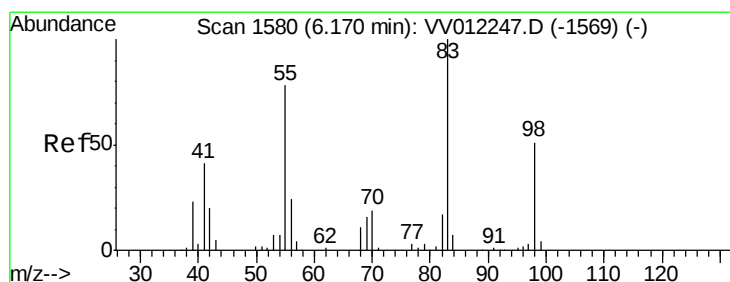
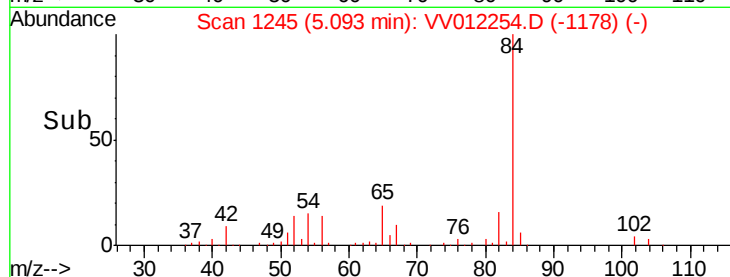
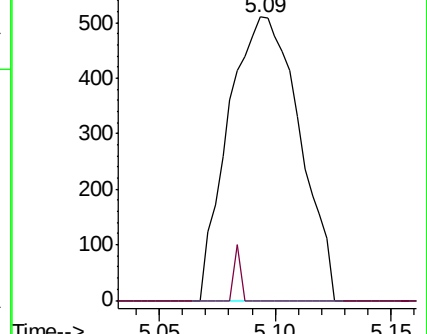
62 100

98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



#35

Methylcyclohexane

Concen: 0.675 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV012254.D

Acq: 15 Aug 2019 17:37

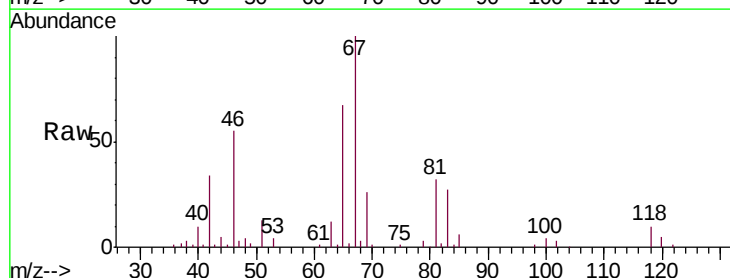
Tgt Ion: 83 Resp: 12484

Ion Ratio Lower Upper

83 100

55 0.2 62.2 93.2#

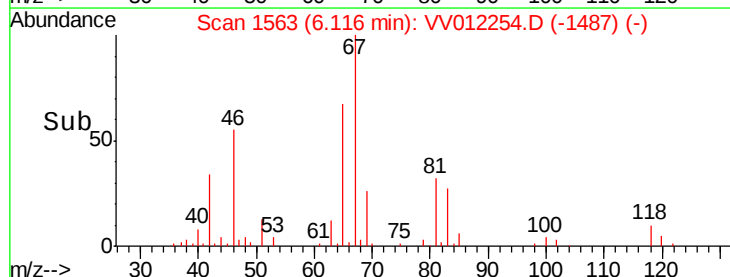
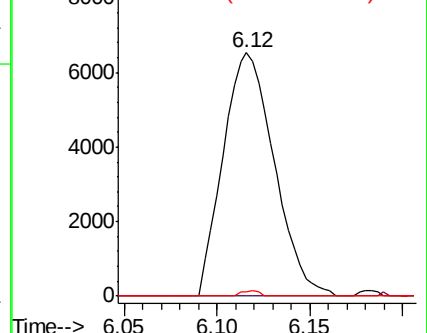
98 0.8 39.2 58.8#

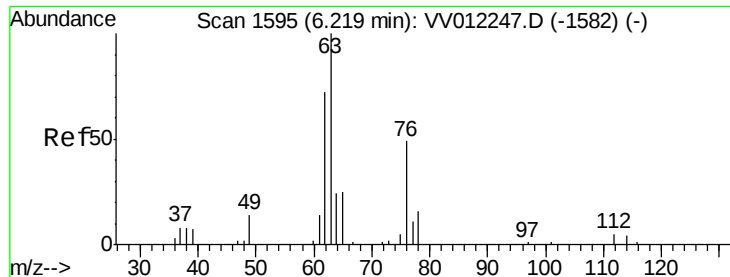


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

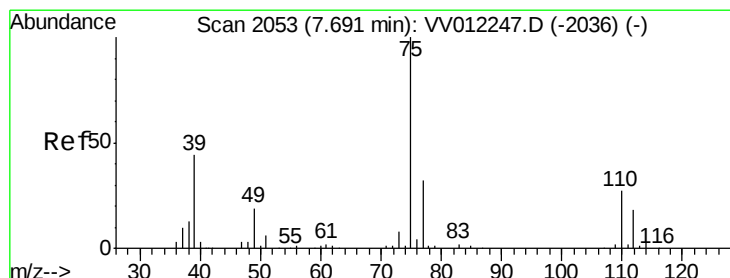
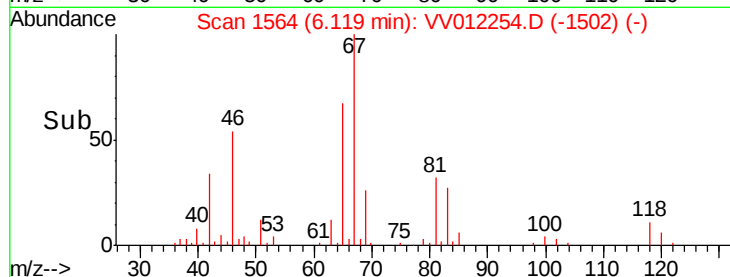
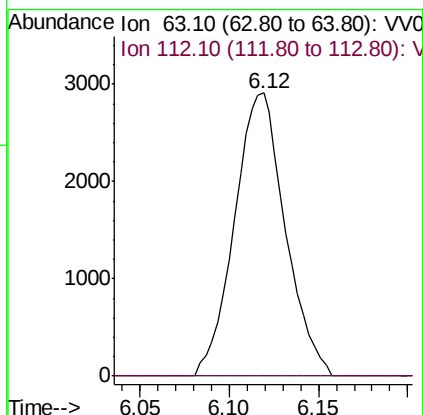
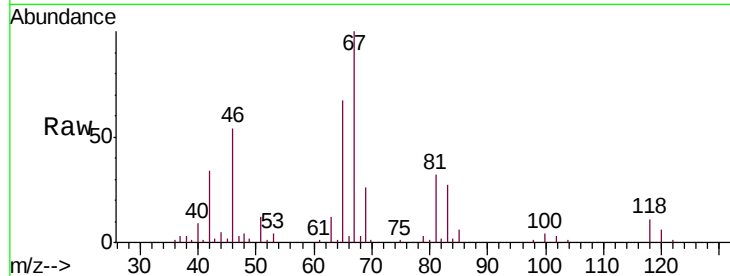




#37
 1,2-Dichloropropane
 Concen: 0.528 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV012254.D
 Acq: 15 Aug 2019 17:37

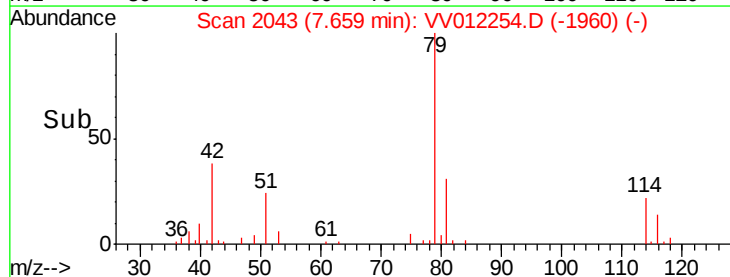
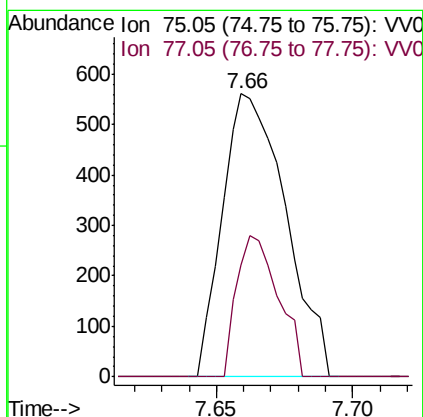
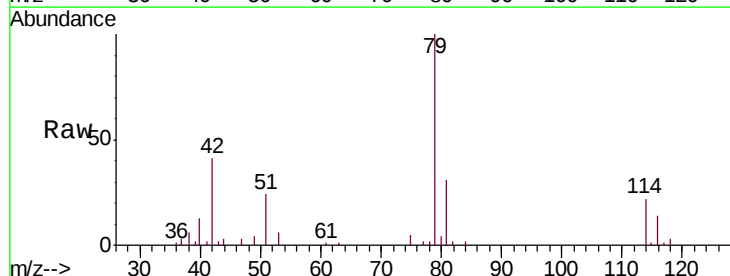
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC0

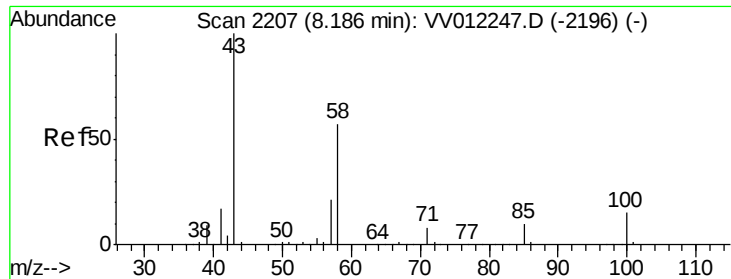
Tgt Ion: 63 Resp: 5788
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV012254.D
 Acq: 15 Aug 2019 17:37

Tgt Ion: 75 Resp: 903
 Ion Ratio Lower Upper
 75 100
 77 39.6 22.5 41.7





#48

2-Hexanone

Concen: 1.591 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.01 min

Lab File: VV012254.D

Acq: 15 Aug 2019 17:37

Instrument :
MSVOA_V
ClientSampleId :
C0AC0

Tgt Ion: 43 Resp: 6762

Ion Ratio Lower Upper

43 100

58 45.5 43.0 64.4

57 0.0 14.9 22.3#

100 4.3 10.3 15.5#

