

Data File : VV012242.D
Acq On : 14 Aug 2019 18:37
Operator : SY/MD
Sample : K4337-16
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AG4

Quant Time: Aug 15 23:33:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 15 23:30:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	201936	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	193348	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	79614	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51951	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.58	69	44750	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.13	63	60585	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	3.95	46	22948	8.54	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	17.08%#
24) Chloroform-d	4.40	84	103387	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.08	65	53660	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.10	84	221295	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.12	67	66489	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	188045	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.66	79	21865	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.13	63	42410	23.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	47.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41231	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	66878	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

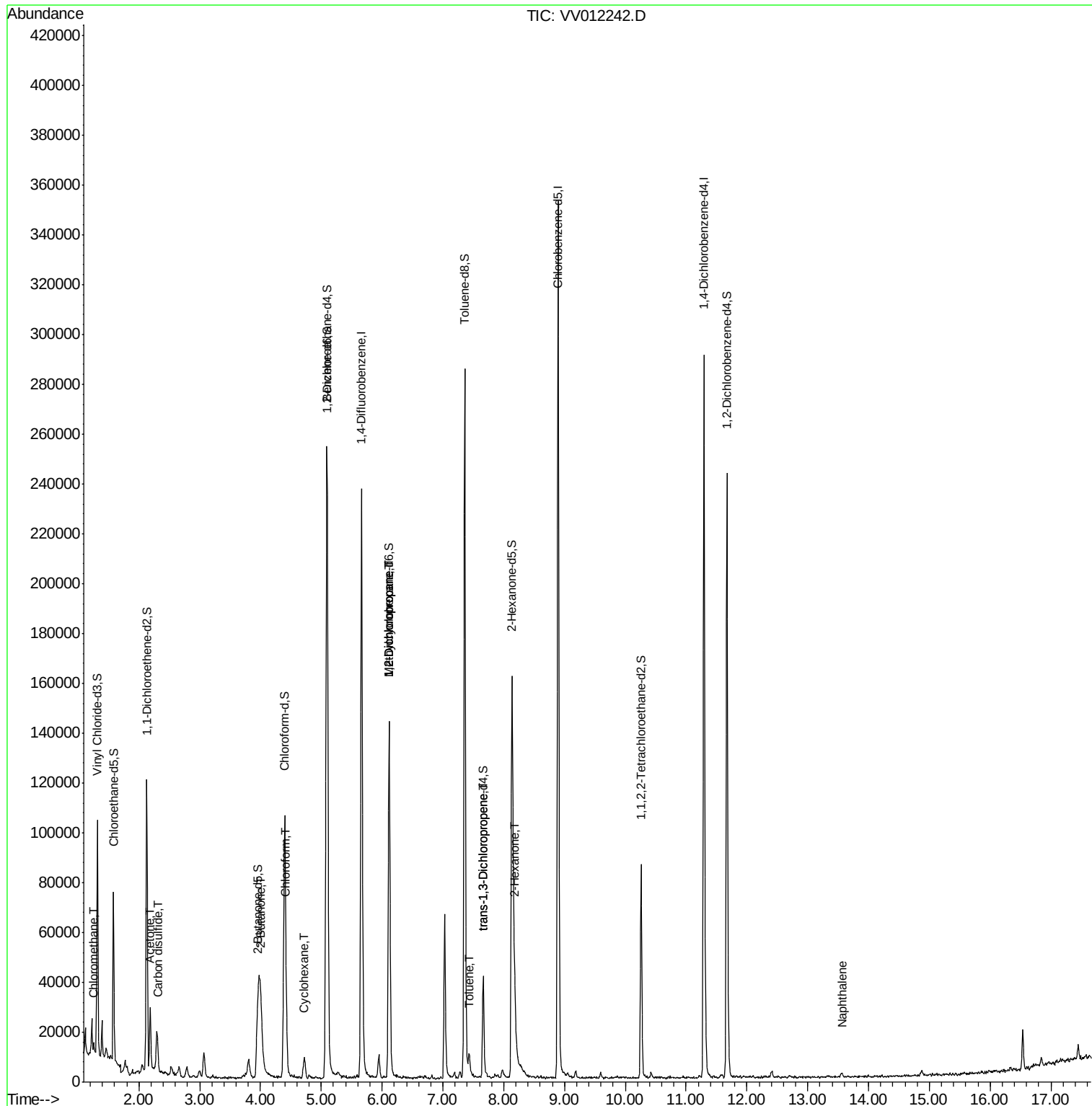
						Qvalue
3) Chloromethane	1.25	50	2262	0.129	ug/L	98
13) Acetone	2.18	43	22643	13.522	ug/L	97
14) Carbon disulfide	2.32	76	3164	0.102	ug/L #	88
21) 2-Butanone	4.01	43	36628	10.698	ug/L #	66
25) Chloroform	4.43	83	9471	0.321	ug/L	94
30) Cyclohexane	4.72	56	3679	0.156	ug/L #	94
35) Methylcyclohexane	6.12	83	16496	0.672	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7725	0.531	ug/L #	87
42) Toluene	7.43	91	5254	0.085	ug/L	94
44) trans-1,3-Dichloropropene	7.67	75	1088	0.069	ug/L	90
48) 2-Hexanone	8.18	43	19173	3.400	ug/L #	83
69) Naphthalene	13.56	128	1913	0.089	ug/L #	96

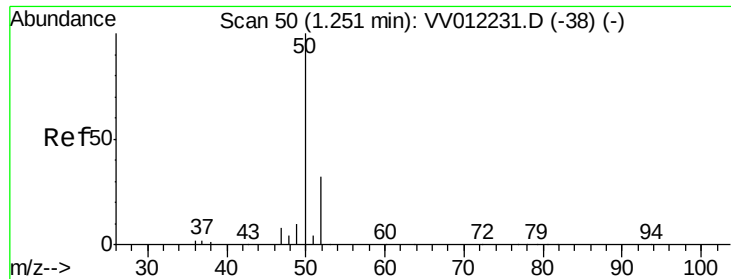
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012242.D
Acq On : 14 Aug 2019 18:37
Operator : SY/MD
Sample : K4337-16
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AG4

Quant Time: Aug 15 23:33:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 15 23:30:01 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.129 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012242.D

Acq: 14 Aug 2019 18:37

Instrument :

MSVOA_V

ClientSampleId :

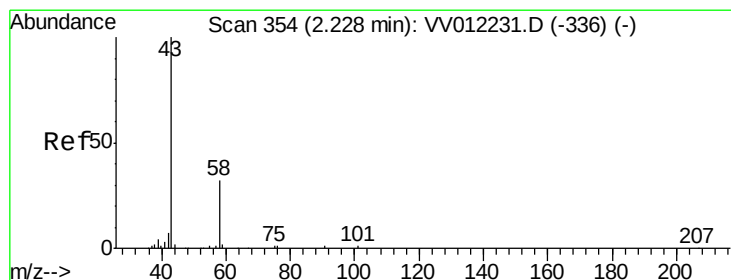
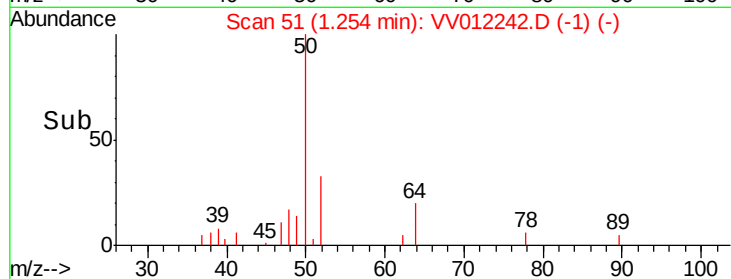
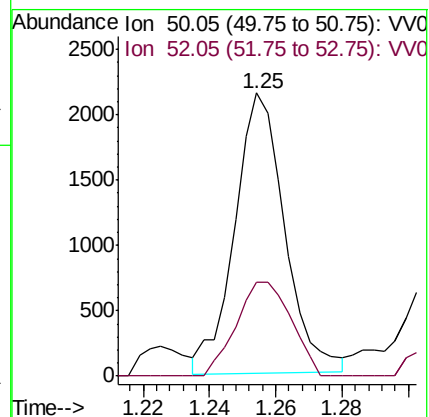
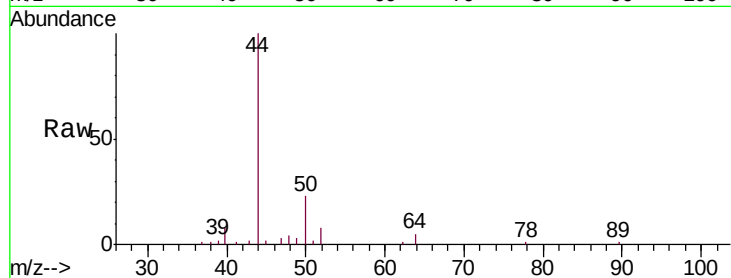
C0AG4

Tgt Ion: 50 Resp: 2262

Ion Ratio Lower Upper

50 100

52 33.3 22.6 42.0



#13

Acetone

Concen: 13.522 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.05 min

Lab File: VV012242.D

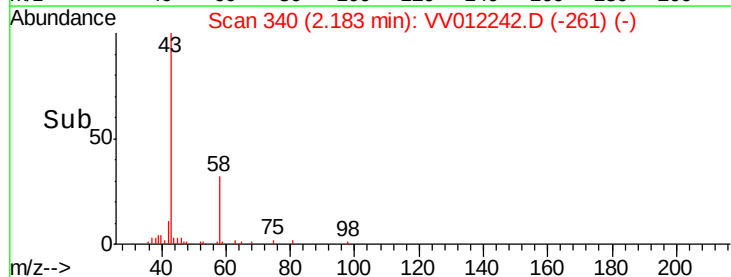
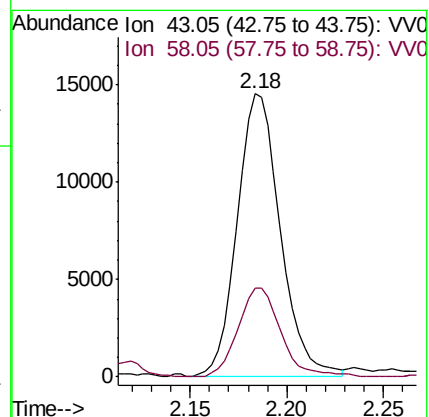
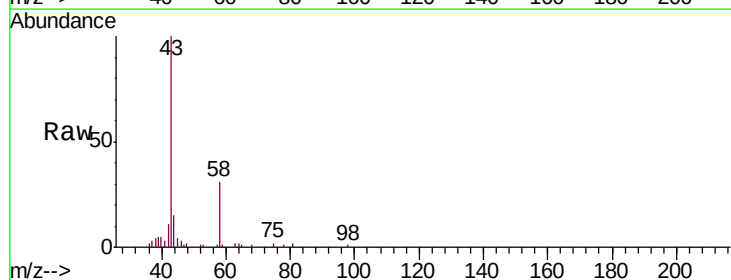
Acq: 14 Aug 2019 18:37

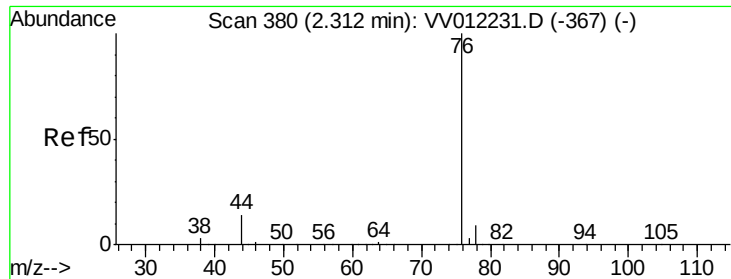
Tgt Ion: 43 Resp: 22643

Ion Ratio Lower Upper

43 100

58 31.2 0.0 59.4





#14

Carbon disulfide

Concen: 0.102 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV012242.D

Acq: 14 Aug 2019 18:37

Instrument :

MSVOA_V

ClientSampleId :

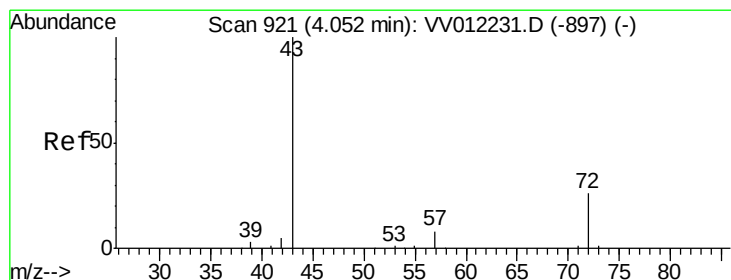
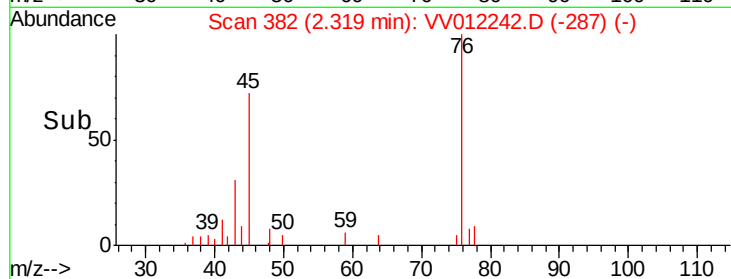
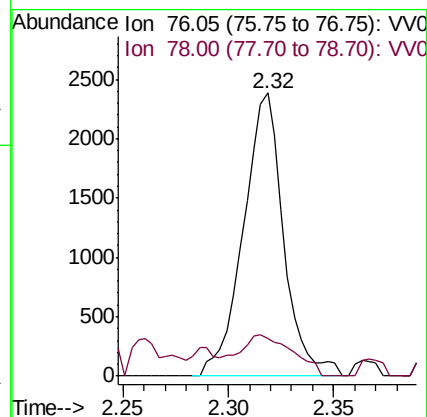
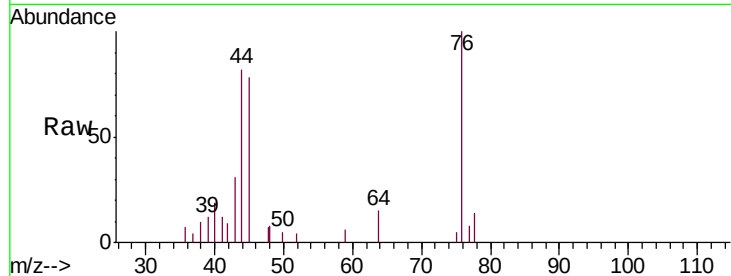
C0AG4

Tgt Ion: 76 Resp: 3164

Ion Ratio Lower Upper

76 100

78 13.5 7.2 10.8#



#21

2-Butanone

Concen: 10.698 ug/L

RT: 4.01 min Scan# 909

Delta R.T. -0.04 min

Lab File: VV012242.D

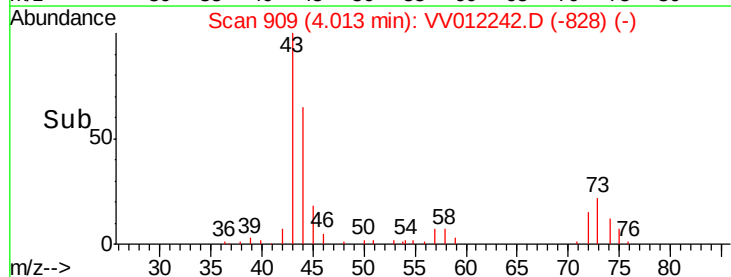
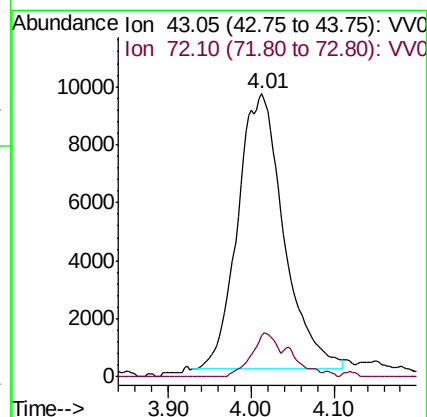
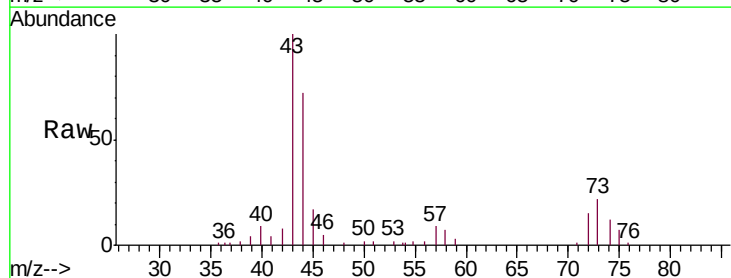
Acq: 14 Aug 2019 18:37

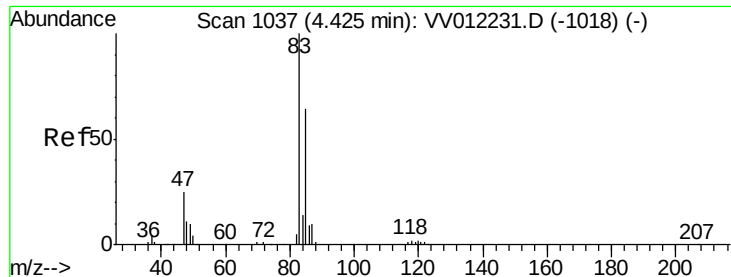
Tgt Ion: 43 Resp: 36628

Ion Ratio Lower Upper

43 100

72 8.8 12.9 38.7#

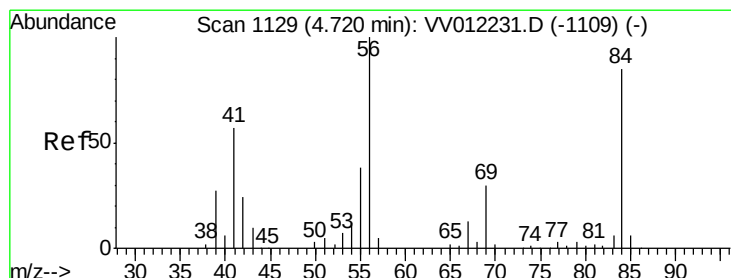
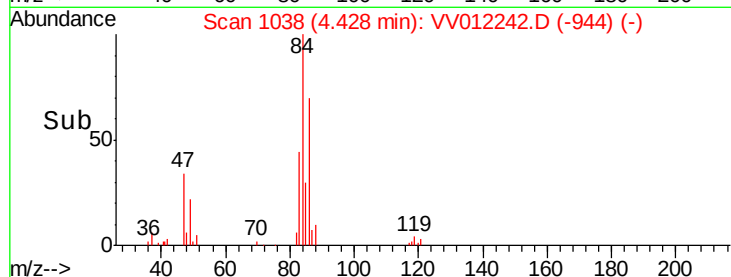
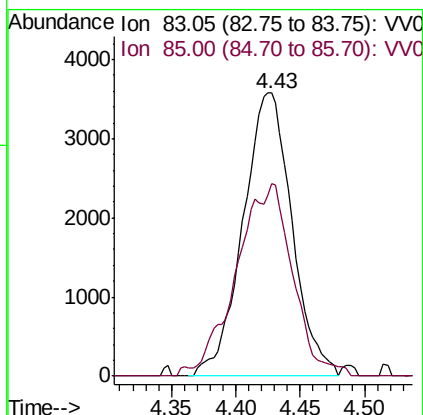
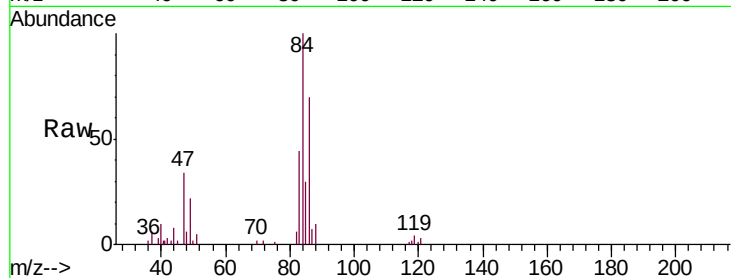




#25
Chloroform
Concen: 0.321 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012242.D
Acq: 14 Aug 2019 18:37

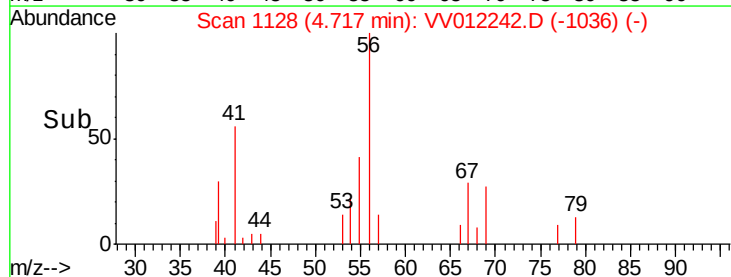
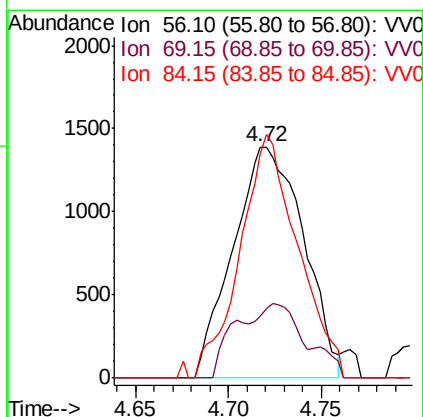
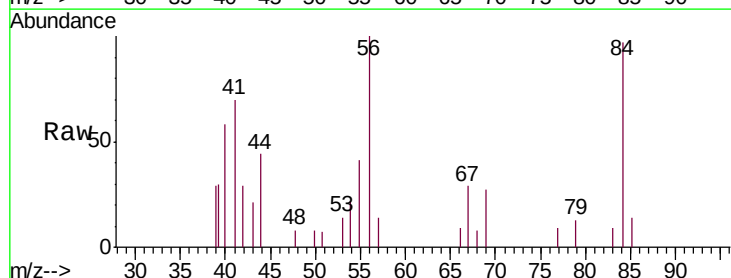
Instrument :
MSVOA_V
ClientSampleId :
C0AG4

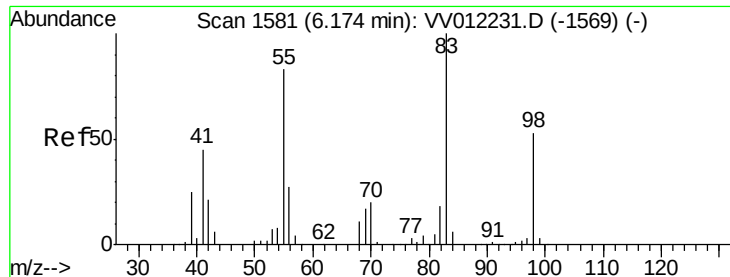
Tgt Ion: 83 Resp: 9471
Ion Ratio Lower Upper
83 100
85 68.2 44.3 82.3



#30
Cyclohexane
Concen: 0.156 ug/L
RT: 4.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VV012242.D
Acq: 14 Aug 2019 18:37

Tgt Ion: 56 Resp: 3679
Ion Ratio Lower Upper
56 100
69 22.6 24.6 36.8#
84 86.4 71.0 106.6

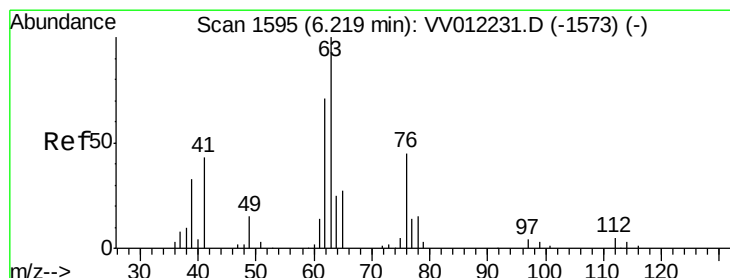
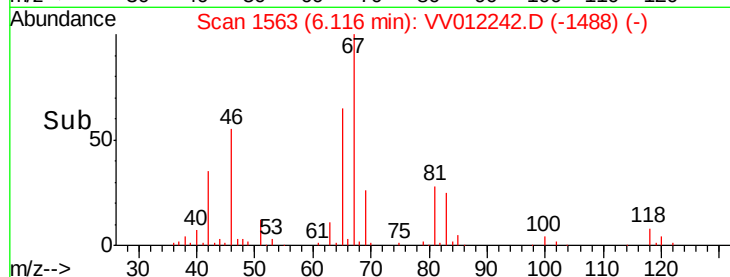
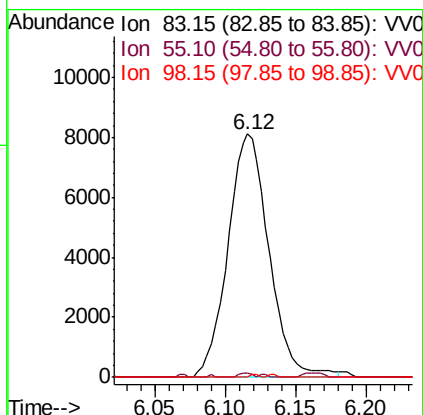
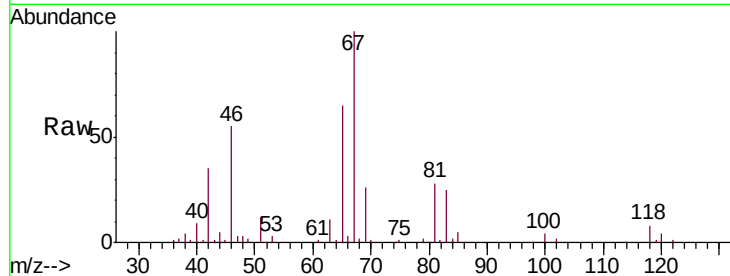




#35
Methylcyclohexane
Concen: 0.672 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012242.D
Acq: 14 Aug 2019 18:37

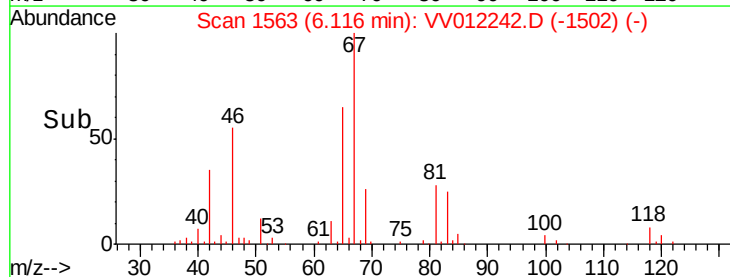
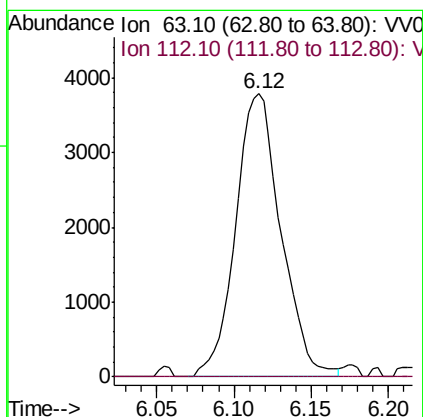
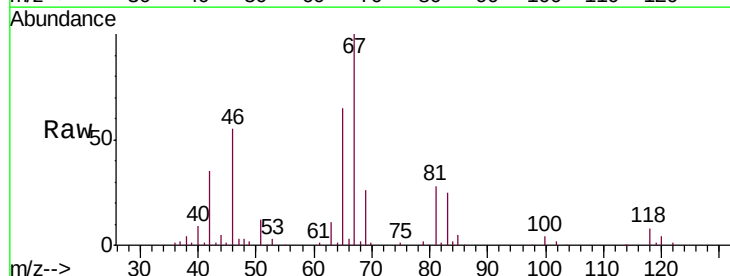
Instrument :
MSVOA_V
ClientSampled :
C0AG4

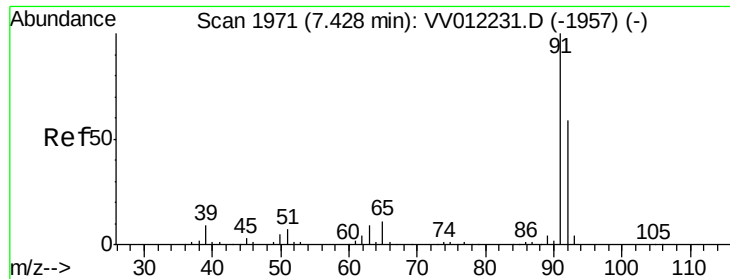
Tgt Ion: 83 Resp: 16496
Ion Ratio Lower Upper
83 100
55 0.6 62.2 93.2#
98 0.3 39.2 58.8#



#37
1,2-Dichloropropane
Concen: 0.531 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012242.D
Acq: 14 Aug 2019 18:37

Tgt Ion: 63 Resp: 7725
Ion Ratio Lower Upper
63 100
112 0.6 3.8 5.8#





#42

Toluene

Concen: 0.085 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012242.D

Acq: 14 Aug 2019 18:37

Instrument :

MSVOA_V

ClientSampleId :

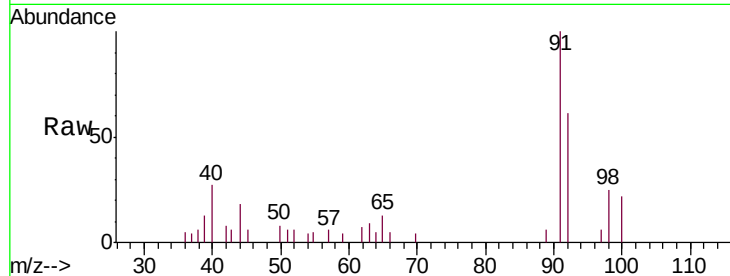
C0AG4

Tgt Ion: 91 Resp: 5254

Ion Ratio Lower Upper

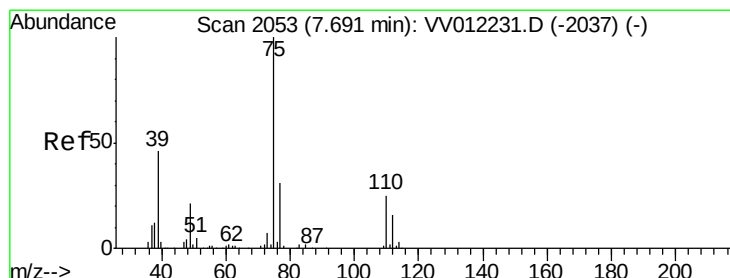
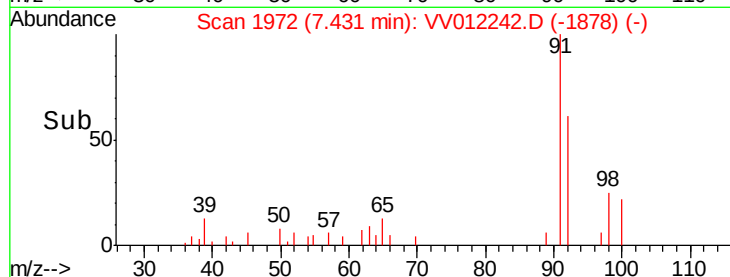
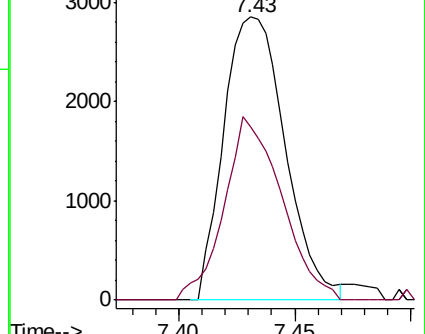
91 100

92 61.3 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.069 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.02 min

Lab File: VV012242.D

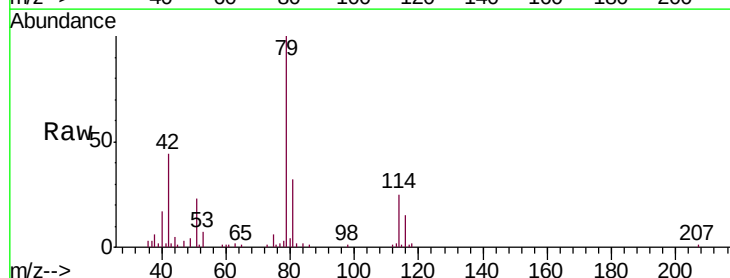
Acq: 14 Aug 2019 18:37

Tgt Ion: 75 Resp: 1088

Ion Ratio Lower Upper

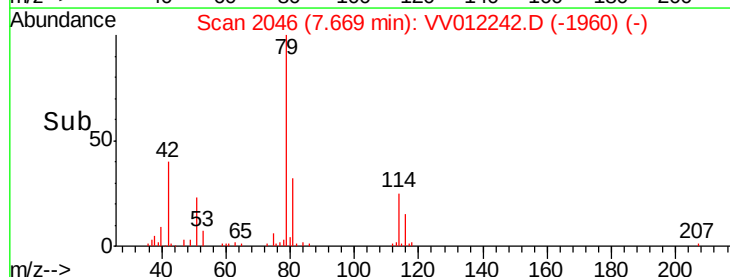
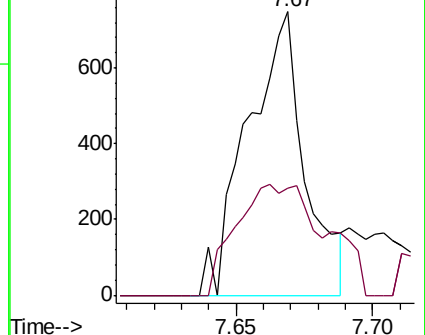
75 100

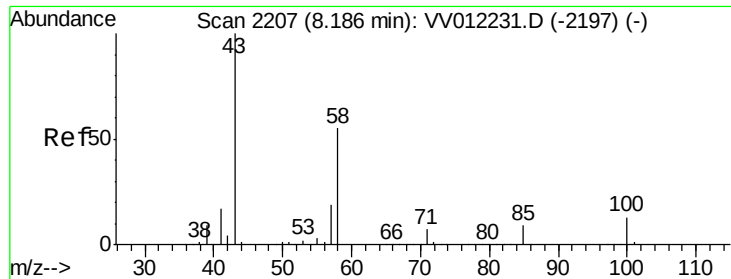
77 37.6 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

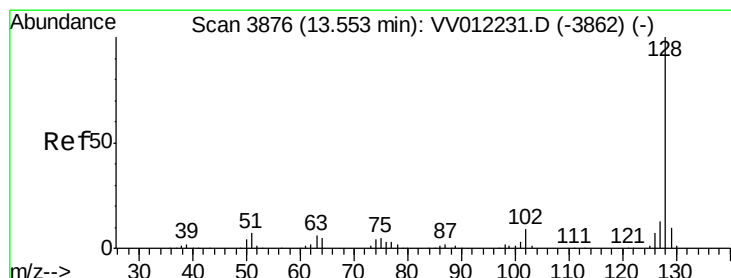
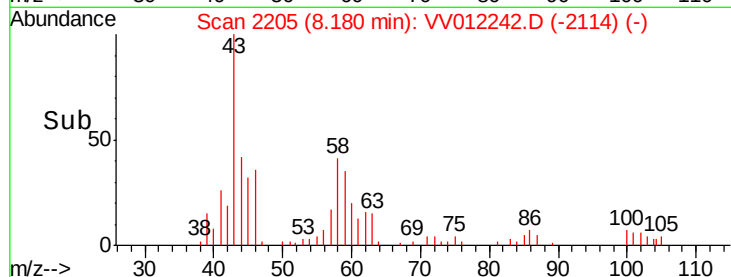
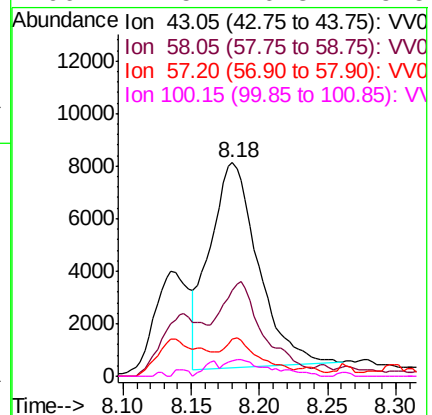
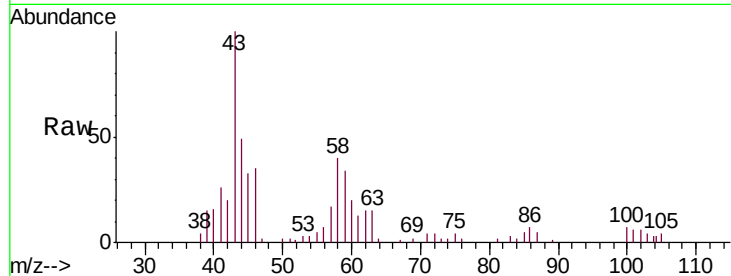




#48
2-Hexanone
Concen: 3.400 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.01 min
Lab File: VV012242.D
Acq: 14 Aug 2019 18:37

Instrument :
MSVOA_V
ClientSampleId :
C0AG4

Tgt Ion: 43 Resp: 19173
Ion Ratio Lower Upper
43 100
58 39.2 43.0 64.4#
57 14.7 14.9 22.3#
100 7.5 10.3 15.5#



#69
Naphthalene
Concen: 0.089 ug/L
RT: 13.56 min Scan# 3878
Delta R.T. 0.01 min
Lab File: VV012242.D
Acq: 14 Aug 2019 18:37

Tgt Ion: 128 Resp: 1913
Ion Ratio Lower Upper
128 100
129 7.7 8.6 12.8#
127 13.2 10.1 15.1

