

Data File : VV011457.D
Acq On : 13 Jun 2019 13:38
Operator : SY/MD
Sample : K3314-06
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM21

Quant Time: Jun 14 04:41:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 04:38:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	167750	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	152172	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59641	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26903	2.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	42.40%
7) Chloroethane-d5	1.58	69	26441	2.50	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	50.00%#
11) 1,1-Dichloroethene-d2	2.12	63	49710	1.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	39.20%#
20) 2-Butanone-d5	3.97	46	95177	33.26	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.52%
24) Chloroform-d	4.40	84	68672	3.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.40%#
26) 1,2-Dichloroethane-d4	5.08	65	40609	3.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.20%#
32) Benzene-d6	5.09	84	132852	2.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	58.40%#
36) 1,2-Dichloropropane-d6	6.12	67	42612	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	60.80%
41) Toluene-d8	7.36	98	114045	2.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	54.60%#
43) trans-1,3-Dichloropropene-	7.66	79	11411	2.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	42.60%#
46) 2-Hexanone-d5	8.14	63	76843	34.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	30299	3.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	63.40%#
64) 1,2-Dichlorobenzene-d4	11.67	152	37348	3.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	63.40%#

Target Compounds

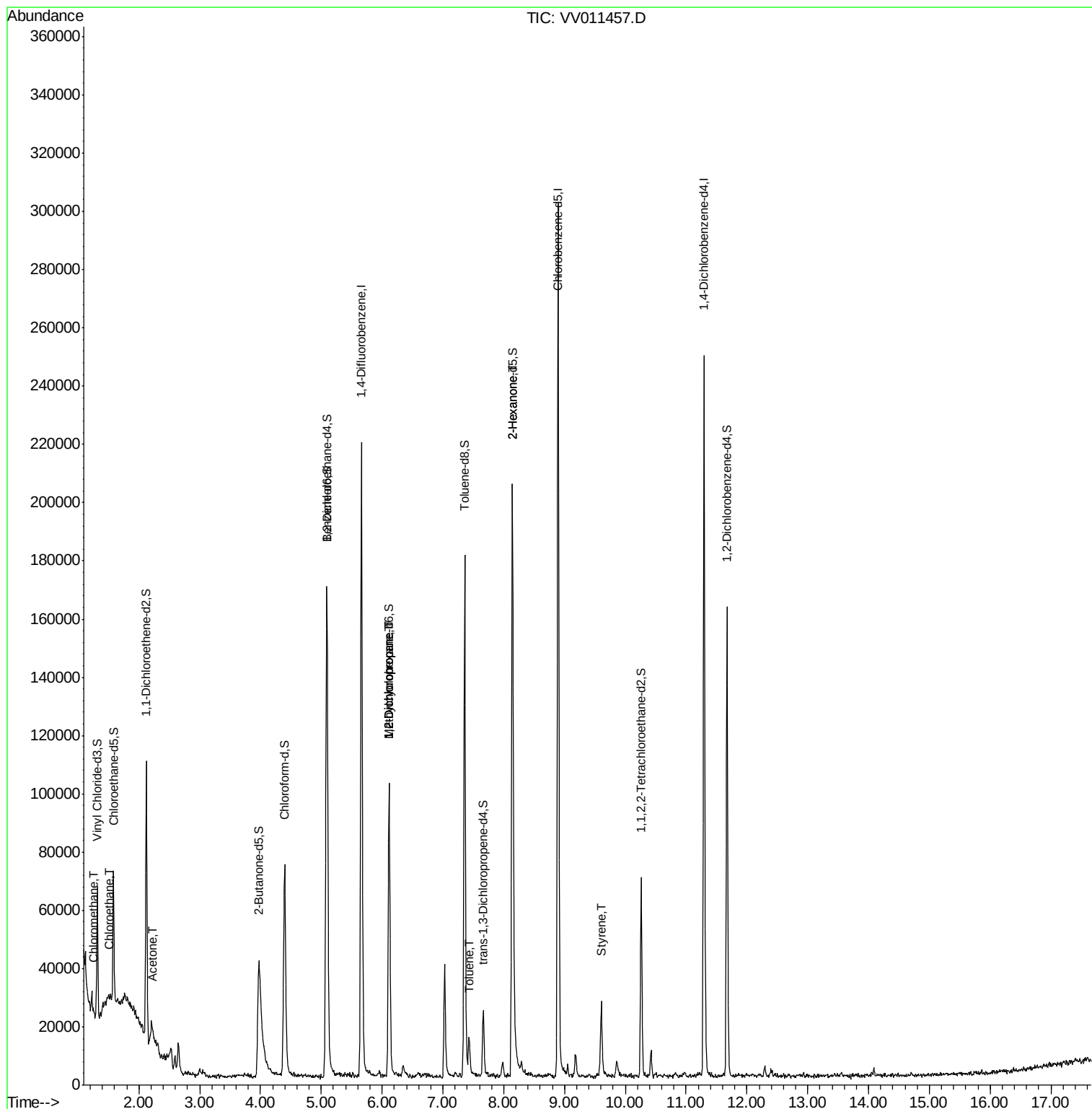
					Qvalue
3) Chloromethane	1.25	50	1872	0.117 ug/L	96
8) Chloroethane	1.51	64	4849	0.492 ug/L #	61
13) Acetone	2.23	43	6176	3.219 ug/L	82
35) Methylcyclohexane	6.11	83	10500	0.508 ug/L #	15
37) 1,2-Dichloropropane	6.11	63	5739	0.476 ug/L #	90
42) Toluene	7.43	91	8415	0.163 ug/L	92
48) 2-Hexanone	8.14	43	12027	2.247 ug/L #	69
55) Styrene	9.60	104	12206	0.360 ug/L	98

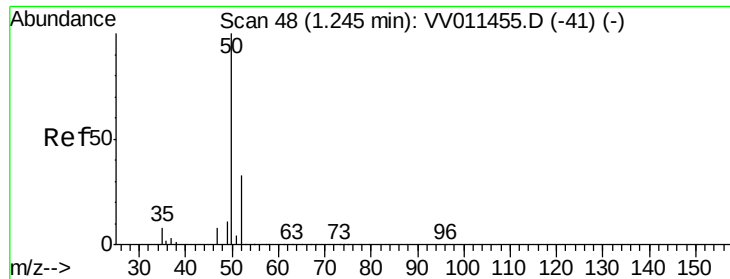
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011457.D
Acq On : 13 Jun 2019 13:38
Operator : SY/MD
Sample : K3314-06
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM21

Quant Time: Jun 14 04:41:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 04:38:08 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.117 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.01 min

Lab File: VV011457.D

Acq: 13 Jun 2019 13:38

Instrument :

MSVOA_V

ClientSampleId :

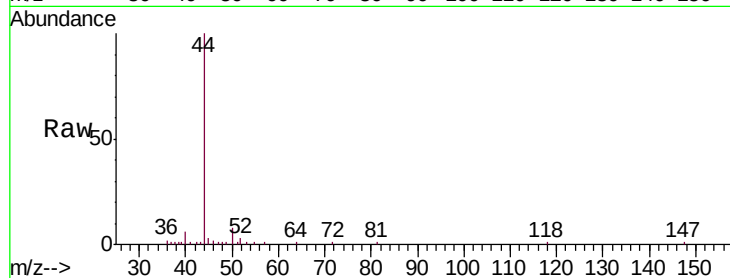
COM21

Tgt Ion: 50 Resp: 1872

Ion Ratio Lower Upper

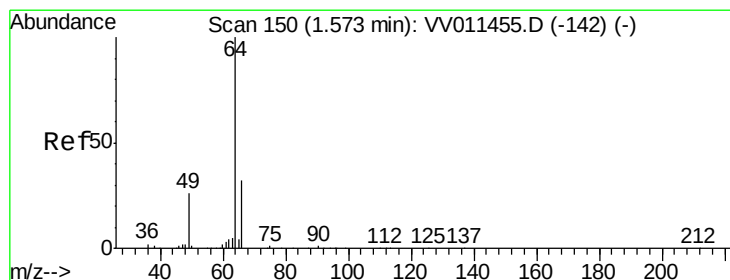
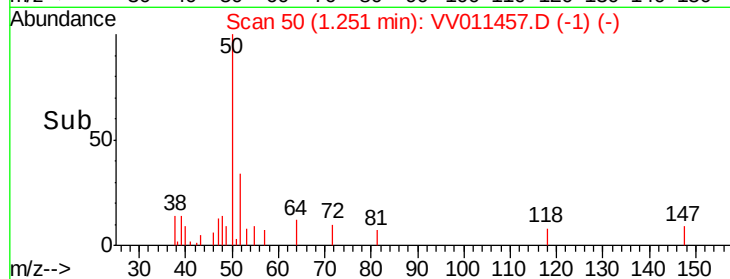
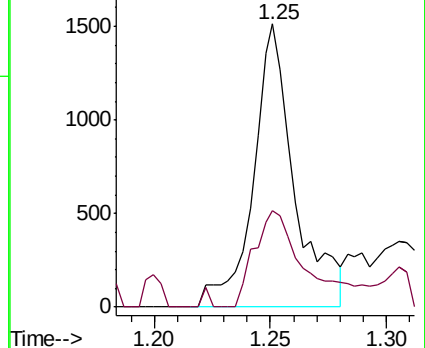
50 100

52 34.1 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.492 ug/L

RT: 1.51 min Scan# 131

Delta R.T. -0.06 min

Lab File: VV011457.D

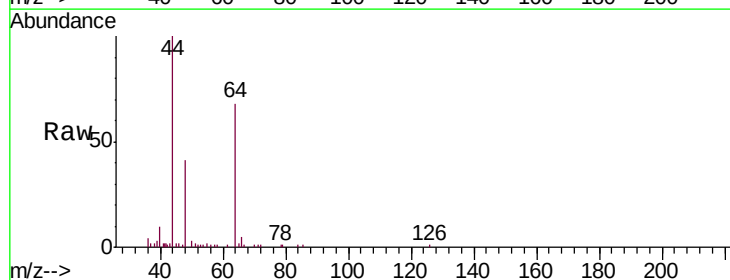
Acq: 13 Jun 2019 13:38

Tgt Ion: 64 Resp: 4849

Ion Ratio Lower Upper

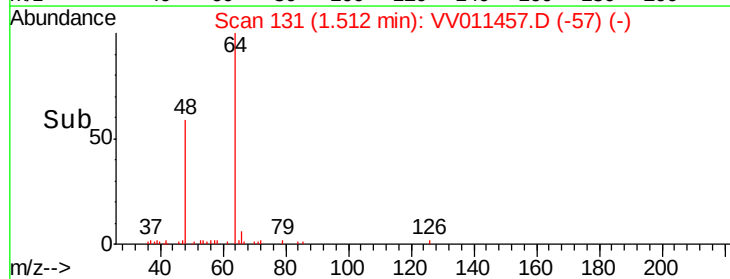
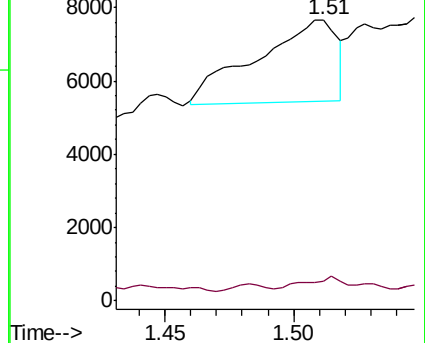
64 100

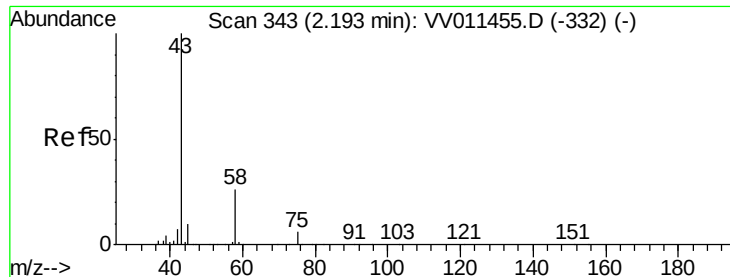
66 7.0 19.4 36.0#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#13

Acetone

Concen: 3.219 ug/L

RT: 2.23 min Scan# 355

Delta R.T. 0.04 min

Lab File: VV011457.D

Acq: 13 Jun 2019 13:38

Instrument :

MSVOA_V

ClientSampled :

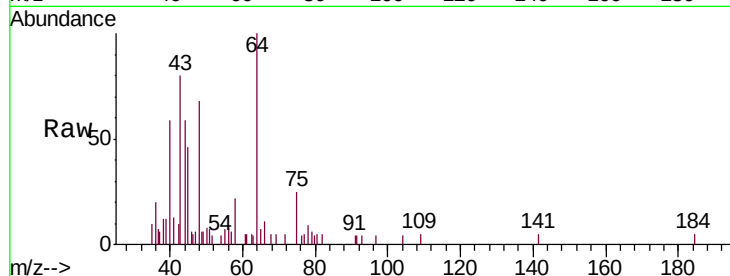
COM21

Tgt Ion: 43 Resp: 6176

Ion Ratio Lower Upper

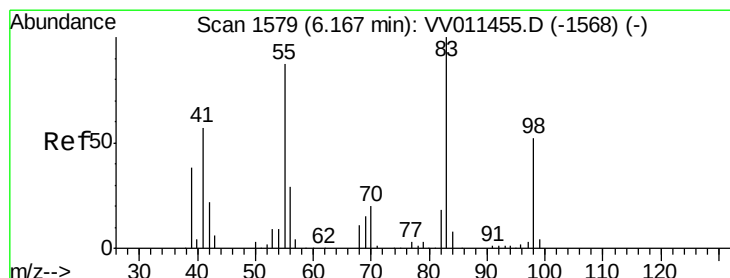
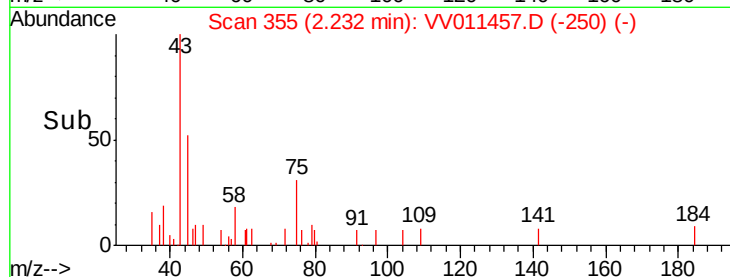
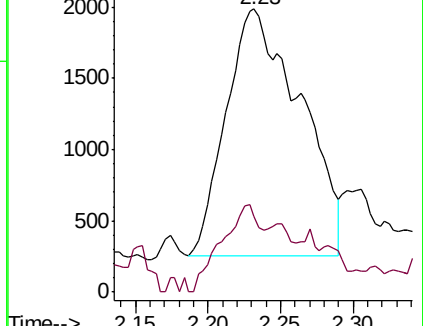
43 100

58 18.3 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV011455.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV011455.D (-332) (-)



#35

Methylcyclohexane

Concen: 0.508 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.05 min

Lab File: VV011457.D

Acq: 13 Jun 2019 13:38

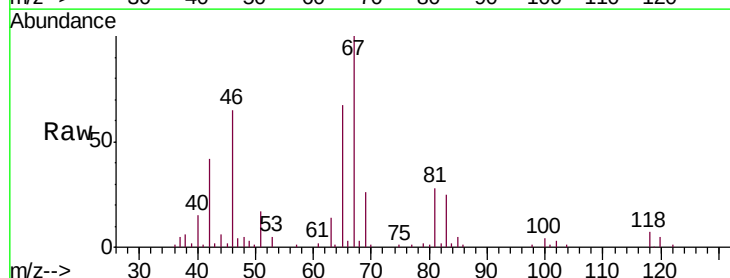
Tgt Ion: 83 Resp: 10500

Ion Ratio Lower Upper

83 100

55 0.4 67.0 100.6#

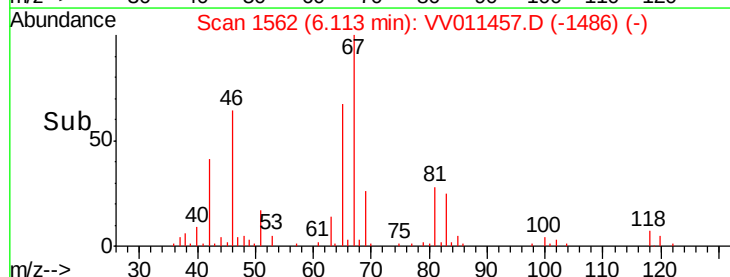
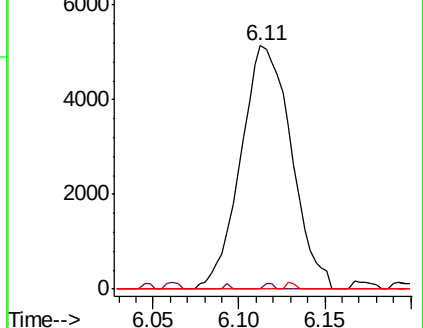
98 0.4 40.0 60.0#

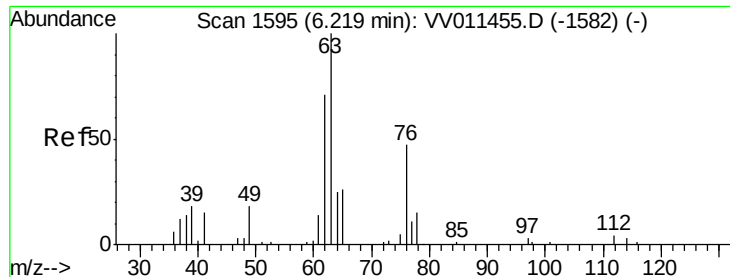


Abundance Ion 83.15 (82.85 to 83.85): VV011455.D (-1568) (-)

Ion 55.10 (54.80 to 55.80): VV011455.D (-1568) (-)

Ion 98.15 (97.85 to 98.85): VV011455.D (-1568) (-)

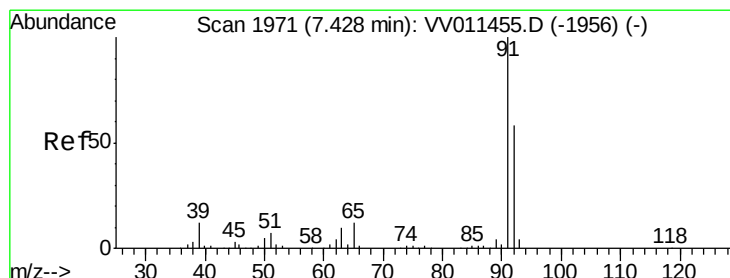
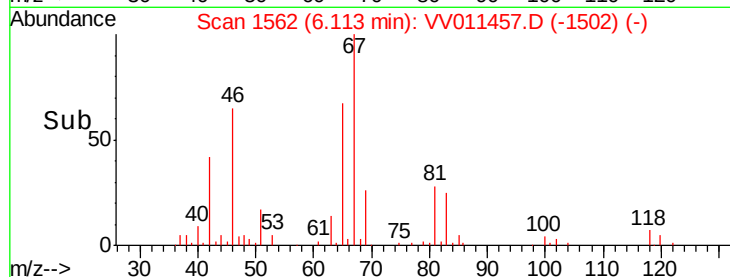
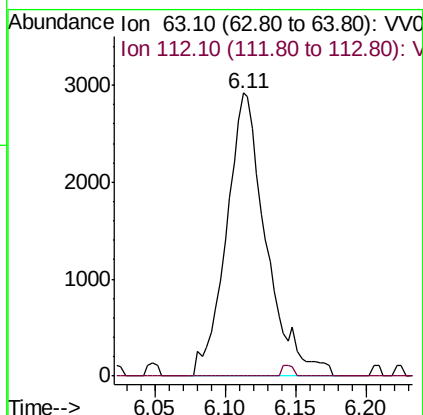
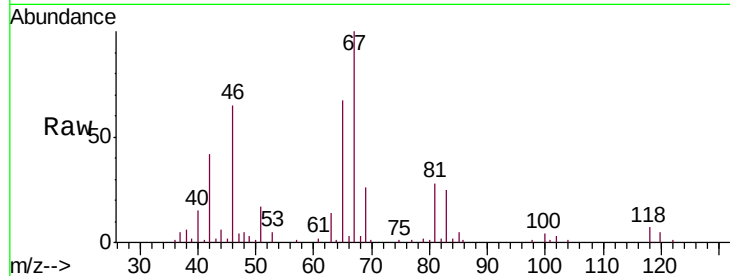




#37
 1,2-Dichloropropane
 Concen: 0.476 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV011457.D
 Acq: 13 Jun 2019 13:38

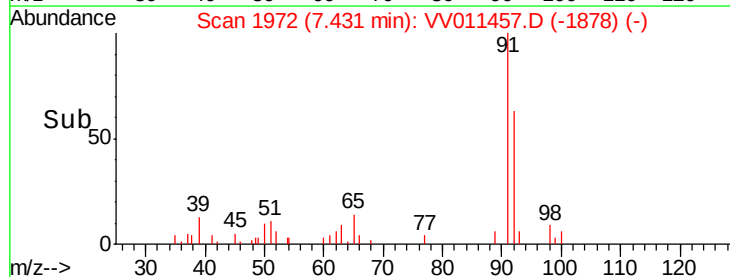
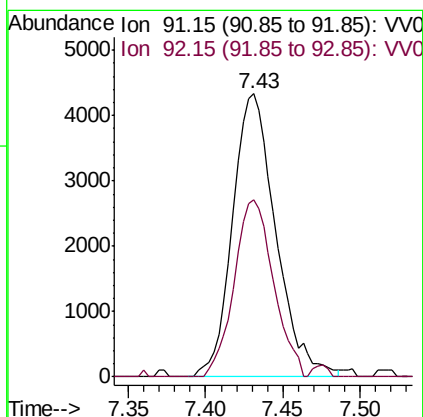
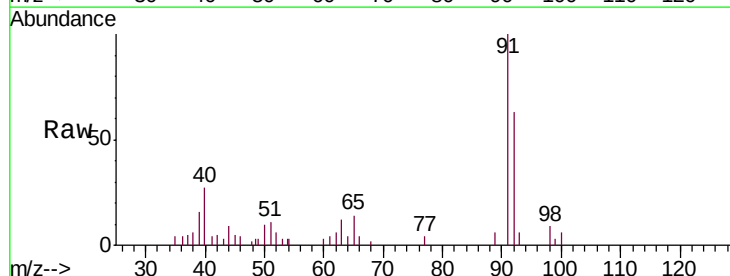
Instrument :
 MSVOA_V
 ClientSampleId :
 COM21

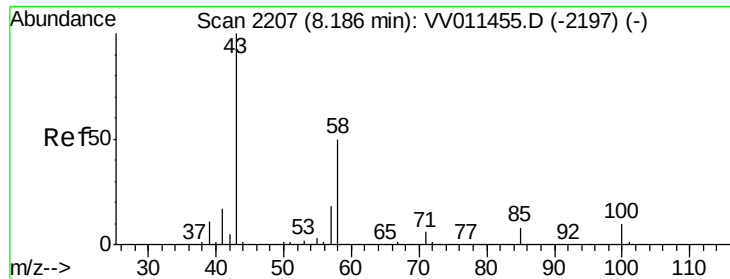
Tgt Ion: 63 Resp: 5739
 Ion Ratio Lower Upper
 63 100
 112 1.1 3.6 5.4#



#42
 Toluene
 Concen: 0.163 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV011457.D
 Acq: 13 Jun 2019 13:38

Tgt Ion: 91 Resp: 8415
 Ion Ratio Lower Upper
 91 100
 92 62.6 39.9 74.1

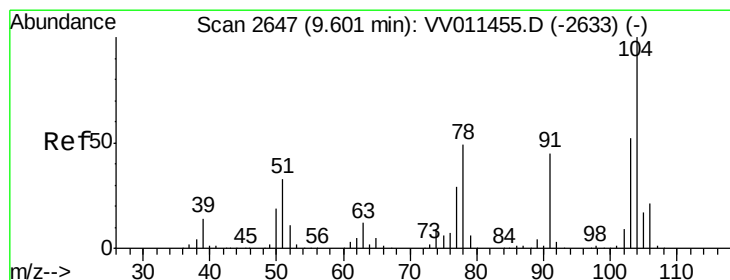
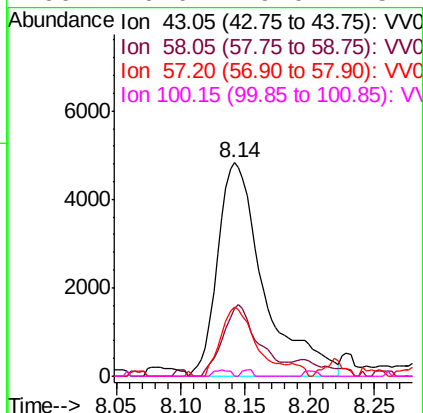
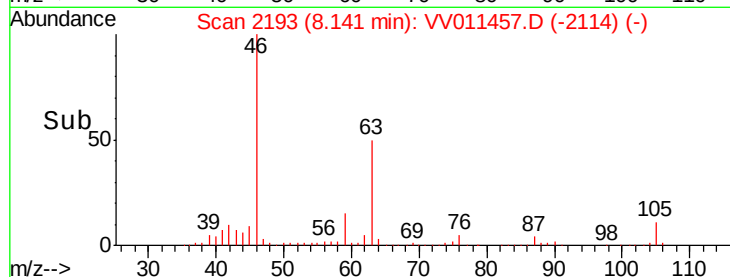
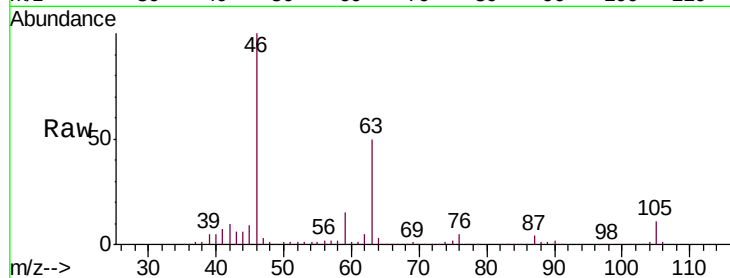




#48
2-Hexanone
Concen: 2.247 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.04 min
Lab File: VV011457.D
Acq: 13 Jun 2019 13:38

Instrument :
MSVOA_V
ClientSampleId :
COM21

Tgt Ion: 43 Resp: 12027
Ion Ratio Lower Upper
43 100
58 25.4 41.4 62.0#
57 26.0 15.0 22.4#
100 0.6 9.0 13.4#



#55
Styrene
Concen: 0.360 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV011457.D
Acq: 13 Jun 2019 13:38

Tgt Ion: 104 Resp: 12206
Ion Ratio Lower Upper
104 100
78 44.9 32.4 60.2

