

Data File : VV012448.D
Acq On : 30 Aug 2019 11:02
Operator : SY/MD
Sample : K4501-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANL9

Quant Time: Aug 31 00:10:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 00:07:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	202499	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	196199	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	75271	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	9961	0.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	11.00%#
7) Chloroethane-d5	1.58	69	11578	0.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	17.80%#
11) 1,1-Dichloroethene-d2	2.13	63	24417	0.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	16.40%#
20) 2-Butanone-d5	3.95	46	167881	45.64	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.28%
24) Chloroform-d	4.40	84	94650	3.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.00%#
26) 1,2-Dichloroethane-d4	5.08	65	39853	2.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	53.00%#
32) Benzene-d6	5.10	84	113433	1.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	38.60%#
36) 1,2-Dichloropropane-d6	6.12	67	57410	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	61.80%
41) Toluene-d8	7.36	98	103189	1.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	39.00%#
43) trans-1,3-Dichloropropene-	7.67	79	18148	2.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	55.20%
46) 2-Hexanone-d5	8.14	63	107114	41.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52623	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	62551	4.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.40%

Target Compounds

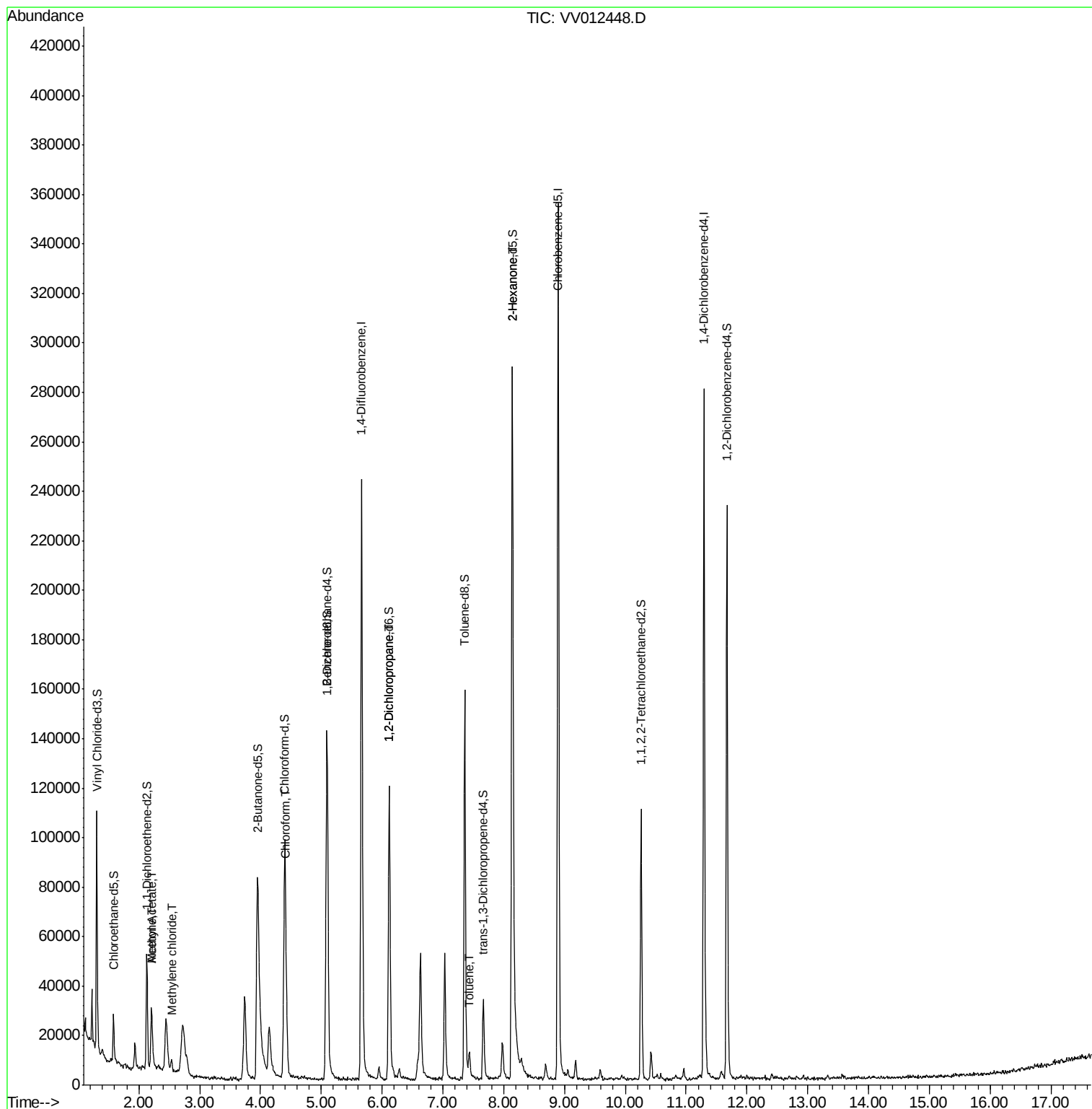
					Qvalue
13) Acetone	2.21	43	37526	13.961	ug/L 97
15) Methyl Acetate	2.21	43	34961	5.283	ug/L # 53
16) Methylene chloride	2.54	84	1869	0.107	ug/L 94
25) Chloroform	4.42	83	13733	0.341	ug/L 95
37) 1,2-Dichloropropane	6.12	63	6557	0.310	ug/L # 89
42) Toluene	7.43	91	6702	0.081	ug/L 93
48) 2-Hexanone	8.14	43	15045	1.840	ug/L # 72

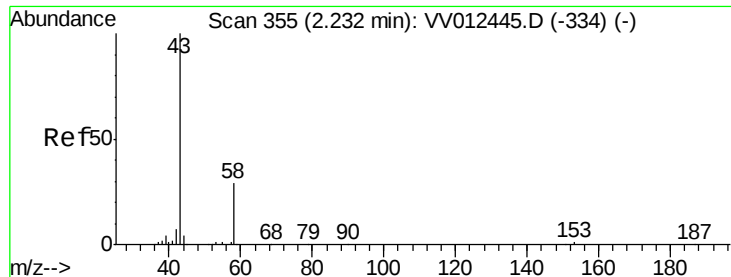
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.961 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.02 min

Lab File: VV012448.D

Acq: 30 Aug 2019 11:02

Instrument :

MSVOA_V

ClientSampleId :

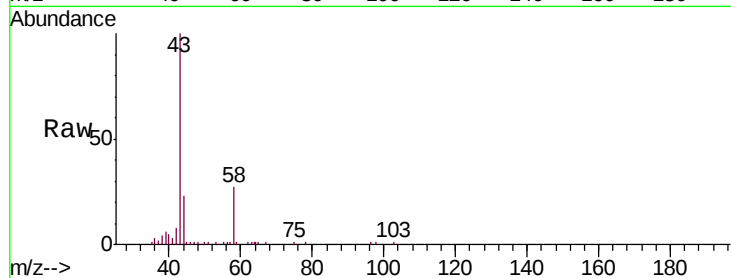
GANL9

Tgt Ion: 43 Resp: 37526

Ion Ratio Lower Upper

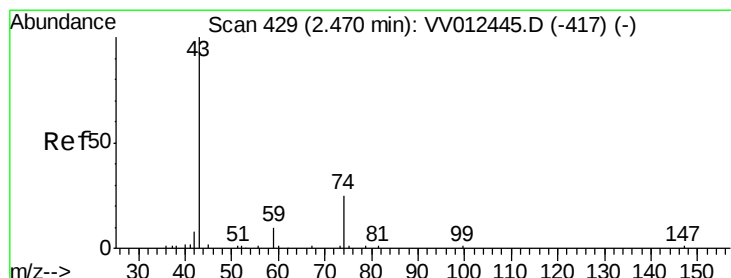
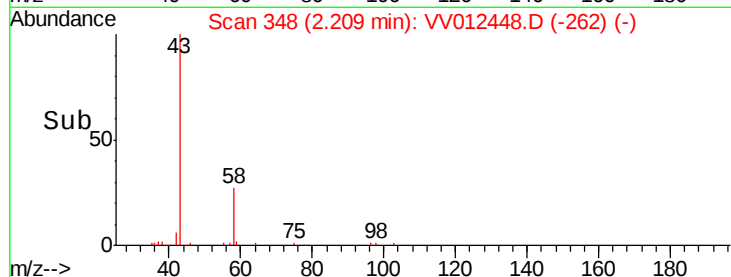
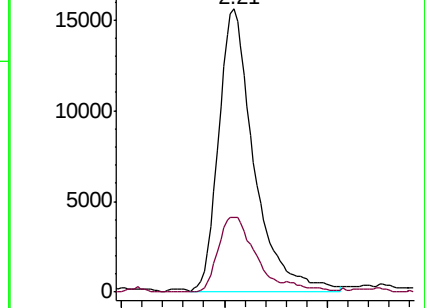
43 100

58 27.1 0.0 56.8



Abundance Ion 43.05 (42.75 to 43.75): VV012448.D (-334) (-)

Ion 58.05 (57.75 to 58.75): VV012448.D (-334) (-)



#15

Methyl Acetate

Concen: 5.283 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.26 min

Lab File: VV012448.D

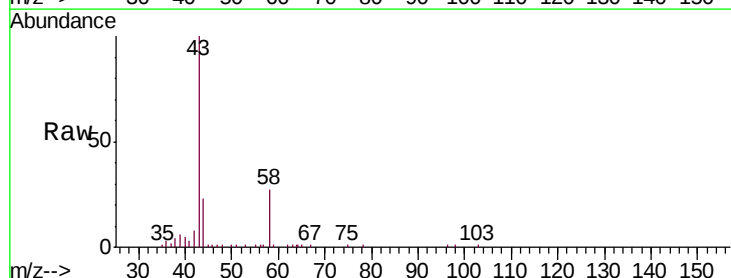
Acq: 30 Aug 2019 11:02

Tgt Ion: 43 Resp: 34961

Ion Ratio Lower Upper

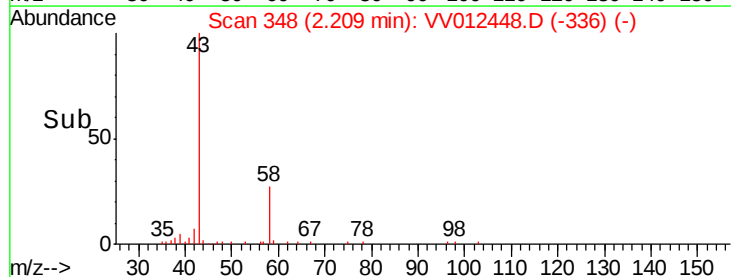
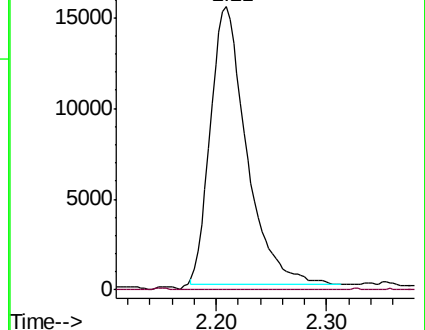
43 100

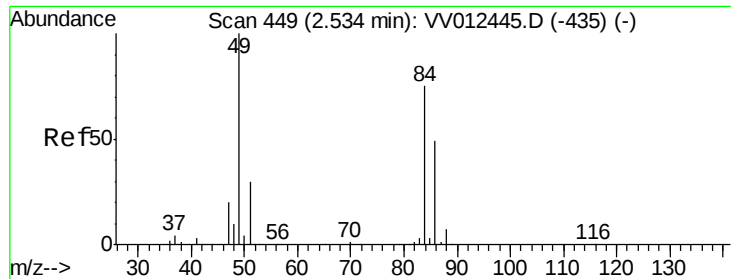
74 0.1 18.1 27.1#



Abundance Ion 43.05 (42.75 to 43.75): VV012448.D (-334) (-)

Ion 74.05 (73.75 to 74.75): VV012448.D (-334) (-)

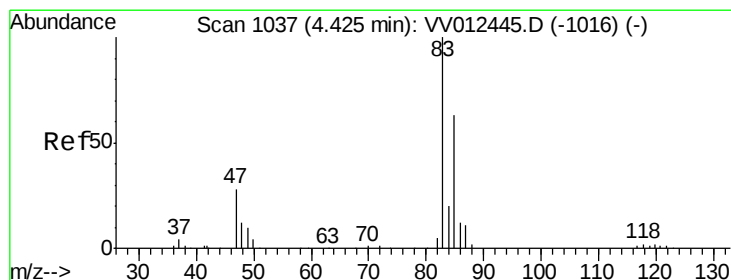
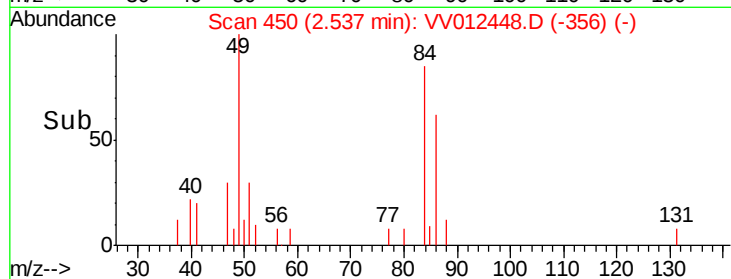
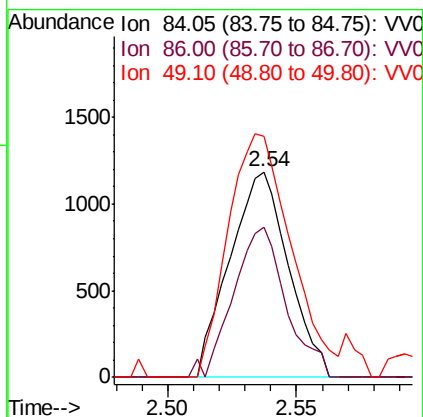
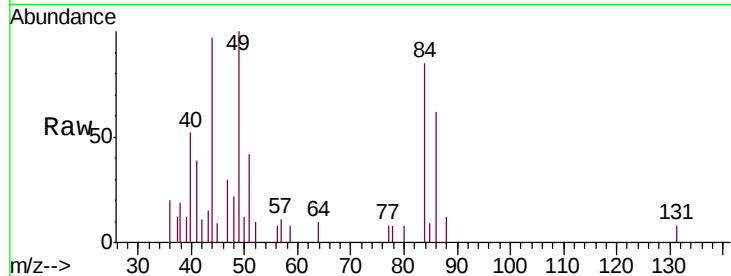




#16
Methylene chloride
Concen: 0.107 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012448.D
Acq: 30 Aug 2019 11:02

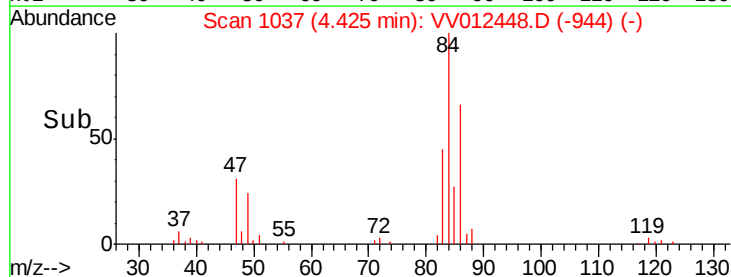
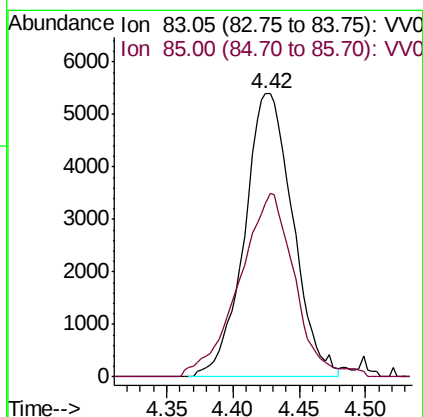
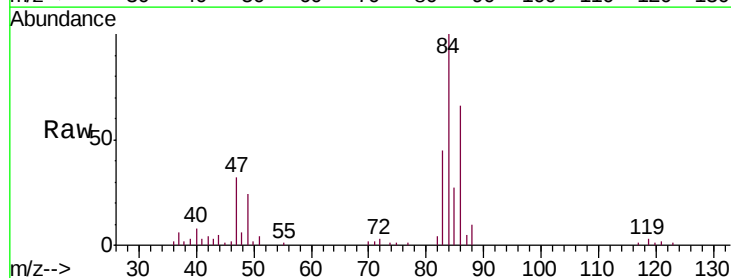
Instrument :
MSVOA_V
ClientSampled :
GANL9

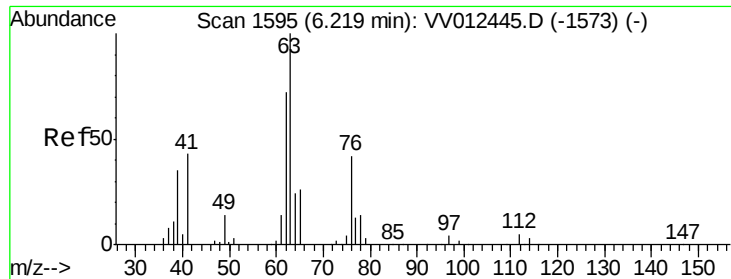
Tgt Ion: 84 Resp: 1869
Ion Ratio Lower Upper
84 100
86 73.3 45.2 84.0
49 131.5 95.1 176.7



#25
Chloroform
Concen: 0.341 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012448.D
Acq: 30 Aug 2019 11:02

Tgt Ion: 83 Resp: 13733
Ion Ratio Lower Upper
83 100
85 61.2 45.4 84.4





#37

1,2-Dichloropropane

Concen: 0.310 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV012448.D

Acq: 30 Aug 2019 11:02

Instrument :

MSVOA_V

ClientSampleId :

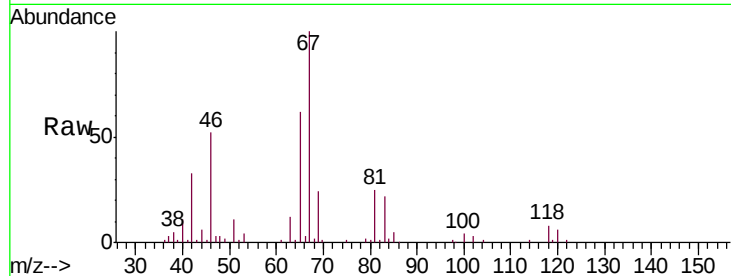
GANL9

Tgt Ion: 63 Resp: 6557

Ion Ratio Lower Upper

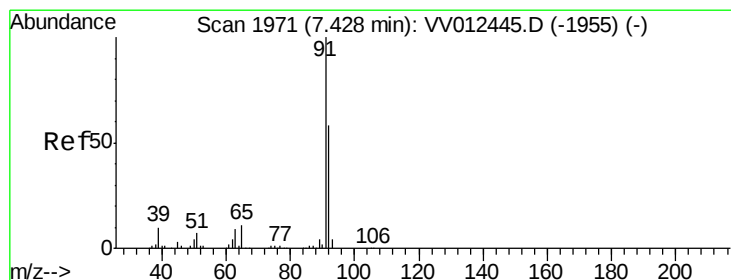
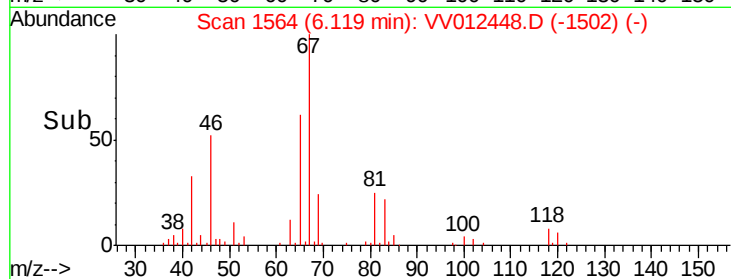
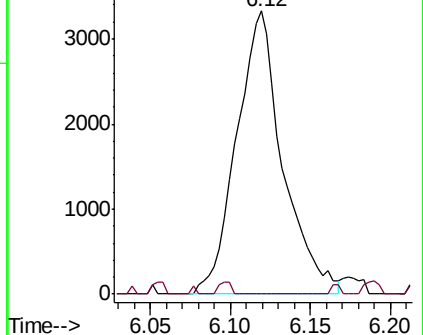
63 100

112 1.1 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV012445.D (-1573) (-)

Ion 112.10 (111.80 to 112.80): VV012445.D (-1573) (-)



#42

Toluene

Concen: 0.081 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV012448.D

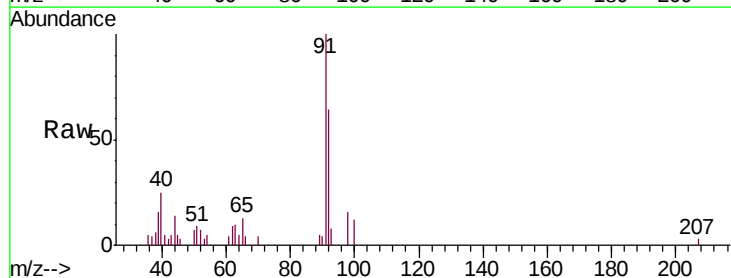
Acq: 30 Aug 2019 11:02

Tgt Ion: 91 Resp: 6702

Ion Ratio Lower Upper

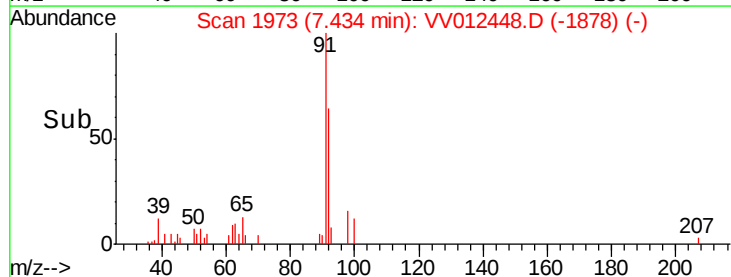
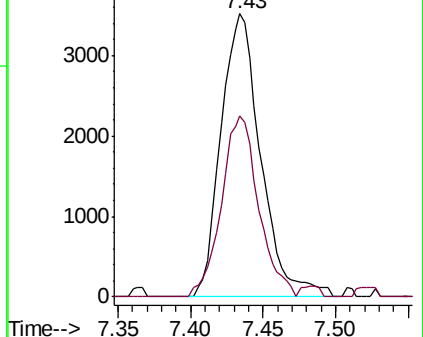
91 100

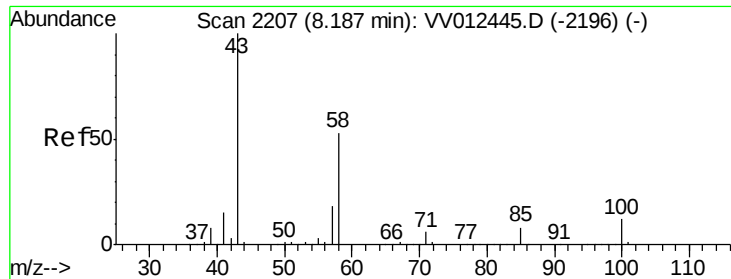
92 63.8 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VV012445.D (-1955) (-)

Ion 92.15 (91.85 to 92.85): VV012445.D (-1955) (-)





#48

2-Hexanone

Concen: 1.840 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV012448.D

Acq: 30 Aug 2019 11:02

Instrument :
MSVOA_V
ClientSampleId :
GANL9

Tgt Ion: 43 Resp: 15045

Ion Ratio Lower Upper

43 100

58 38.4 43.6 65.4#

57 40.2 14.2 21.2#

100 4.9 8.9 13.3#

