

Data File : VV012473.D
Acq On : 31 Aug 2019 02:17
Operator : SY/MD
Sample : K4607-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD62

Quant Time: Aug 31 02:39:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 02:36:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	211541	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	219419	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	83958	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61889	3.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.60%
7) Chloroethane-d5	1.59	69	52478	3.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.00%
11) 1,1-Dichloroethene-d2	2.13	63	80002	2.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.80%#
20) 2-Butanone-d5	3.96	46	171027	44.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.02%
24) Chloroform-d	4.40	84	129760	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
26) 1,2-Dichloroethane-d4	5.08	65	65126	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
32) Benzene-d6	5.10	84	243359	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.20%
36) 1,2-Dichloropropane-d6	6.12	67	82295	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.00%
41) Toluene-d8	7.36	98	193020	3.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.40%#
43) trans-1,3-Dichloropropene-	7.67	79	26068	3.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.00%
46) 2-Hexanone-d5	8.14	63	102136	35.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	54522	3.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	72335	4.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.60%

Target Compounds

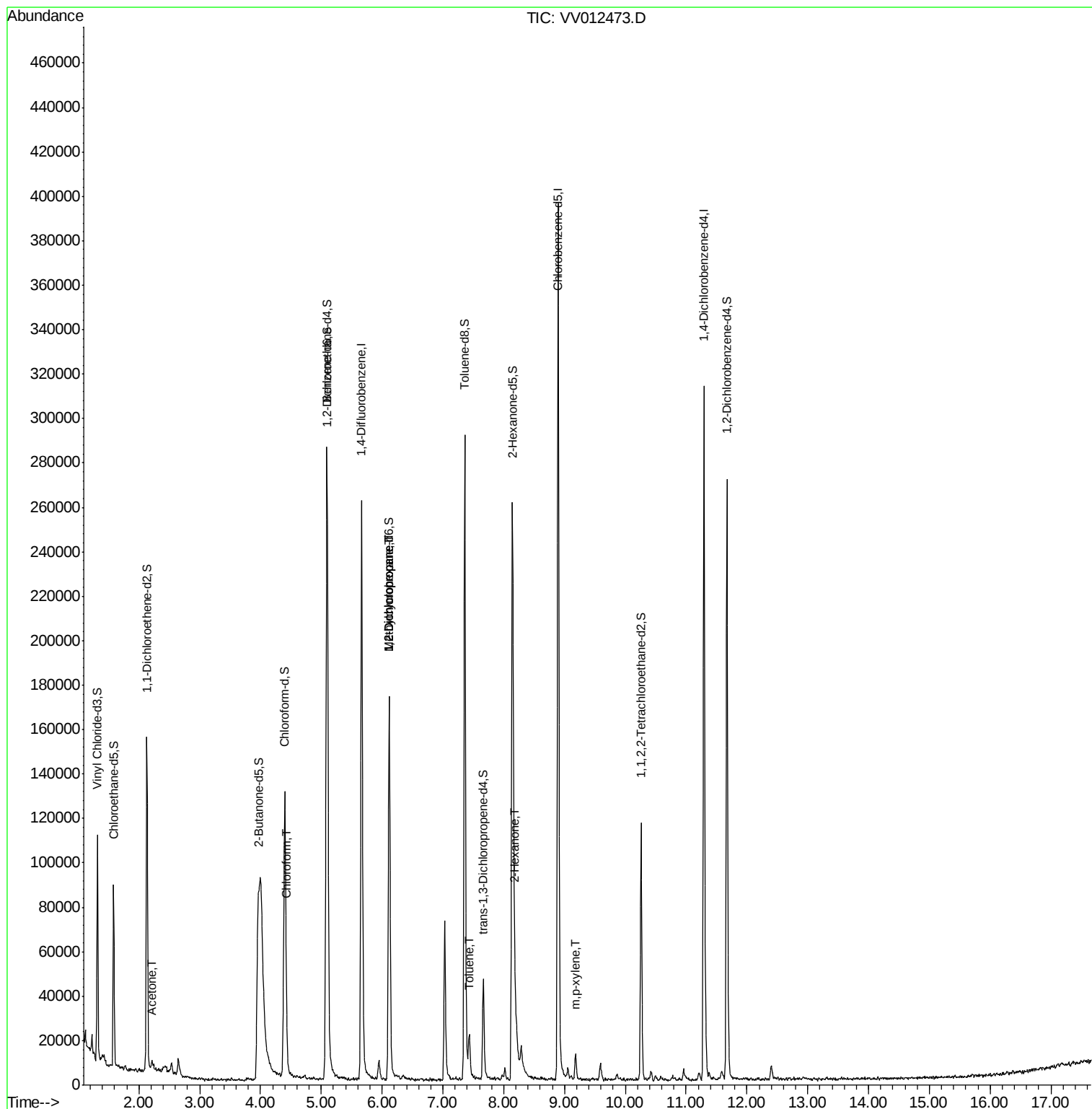
						Qvalue
13) Acetone	2.22	43	5478	1.951	ug/L	79
25) Chloroform	4.43	83	5196	0.123	ug/L	98
35) Methylcyclohexane	6.12	83	19056	0.541	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	9500	0.401	ug/L #	87
42) Toluene	7.43	91	12558	0.135	ug/L	96
48) 2-Hexanone	8.19	43	9768	1.068	ug/L #	67
53) m,p-xylene	9.18	106	3144	0.087	ug/L	81

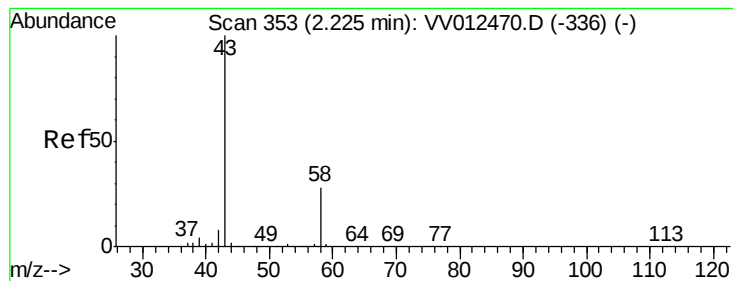
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.951 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.00 min

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Acq: 31 Aug 2019 02:17

Instrument :

MSVOA_V

ClientSampleId :

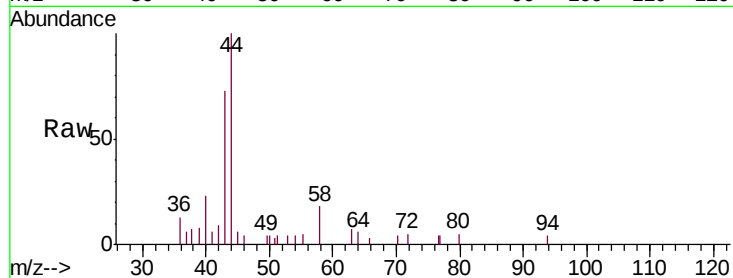
BFD62

Tgt Ion: 43 Resp: 5478

Ion Ratio Lower Upper

43 100

58 17.5 0.0 56.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2500

2000

1500

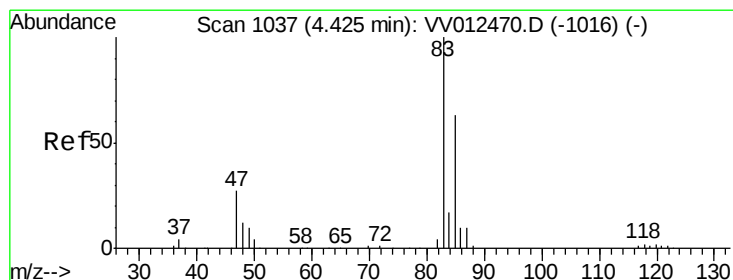
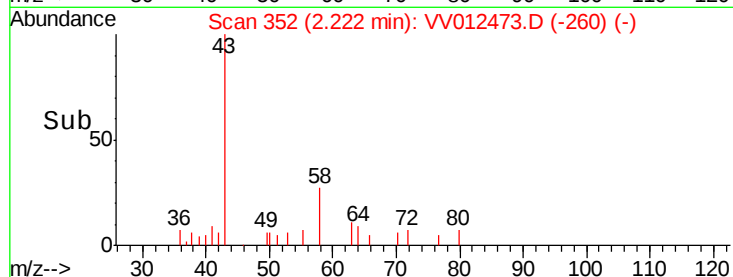
1000

500

2.22

2.15 2.20 2.25 2.30

Time-->



#25

Chloroform

Concen: 0.123 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

Lab File: VV012473.D

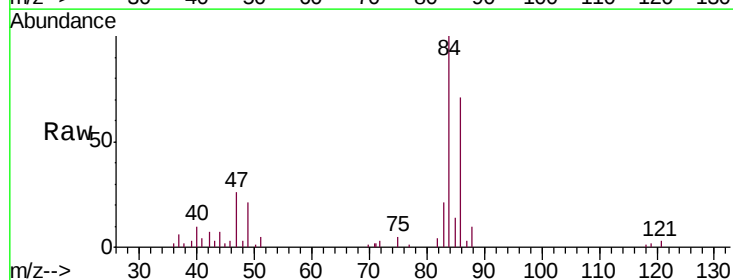
Acq: 31 Aug 2019 02:17

Tgt Ion: 83 Resp: 5196

Ion Ratio Lower Upper

83 100

85 66.7 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

2000

1500

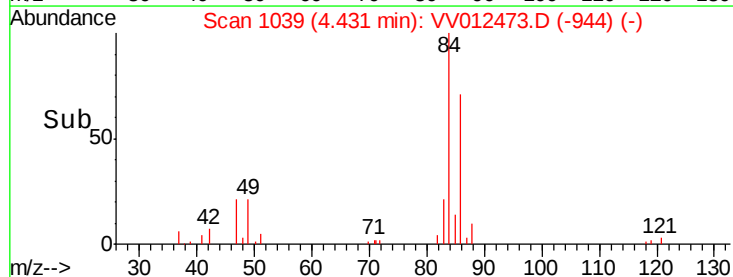
1000

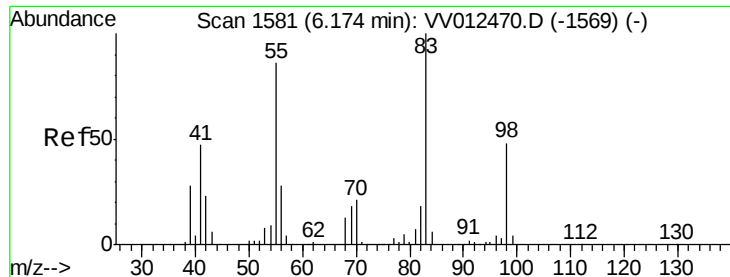
500

4.43

4.35 4.40 4.45 4.50

Time-->

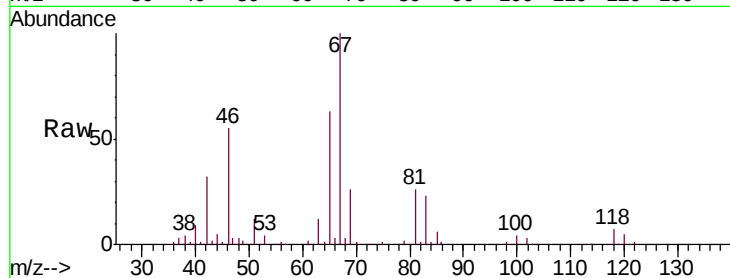




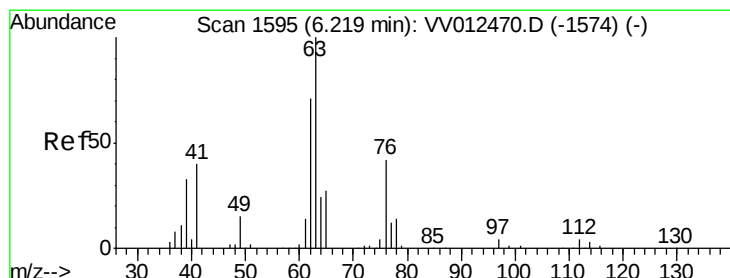
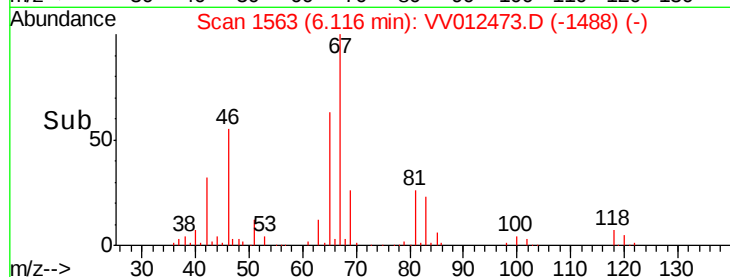
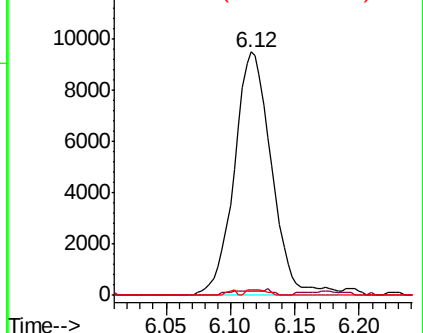
#35
Methylcyclohexane
Concen: 0.541 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012473.D
Acq: 31 Aug 2019 02:17

Instrument :
MSVOA_V
ClientSampleId :
BFD62

Tgt Ion: 83 Resp: 19056
Ion Ratio Lower Upper
83 100
55 1.3 67.8 101.6#
98 1.2 39.2 58.8#

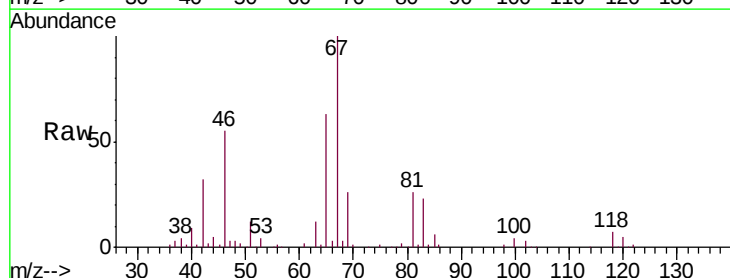


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

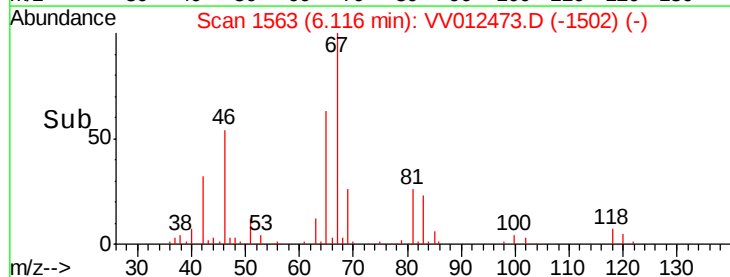
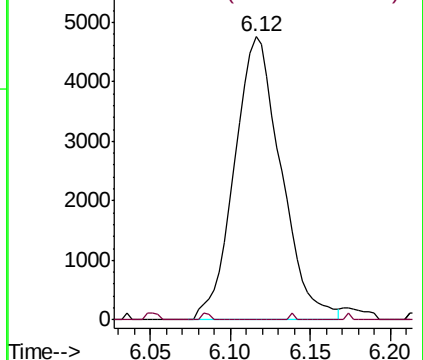


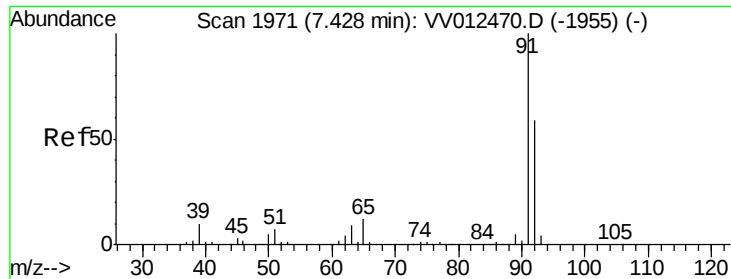
#37
1,2-Dichloropropane
Concen: 0.401 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012473.D
Acq: 31 Aug 2019 02:17

Tgt Ion: 63 Resp: 9500
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#



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





#42

Toluene

Concen: 0.135 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012473.D

Acq: 31 Aug 2019 02:17

Instrument :

MSVOA_V

ClientSampleId :

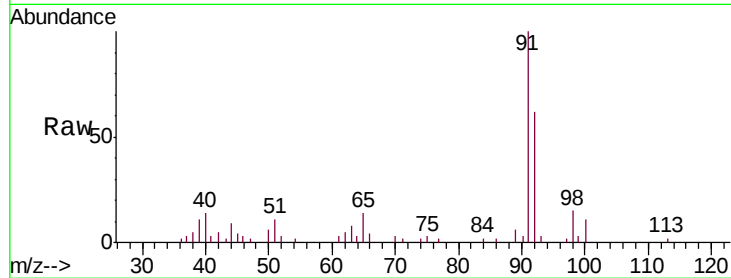
BFD62

Tgt Ion: 91 Resp: 12558

Ion Ratio Lower Upper

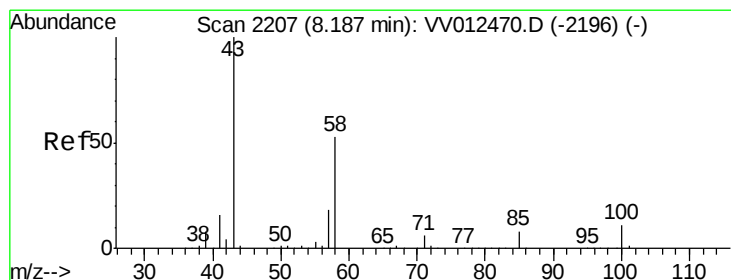
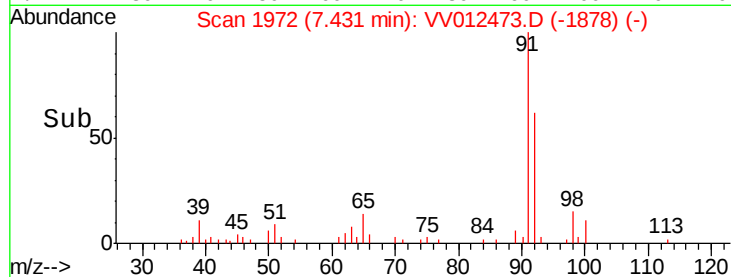
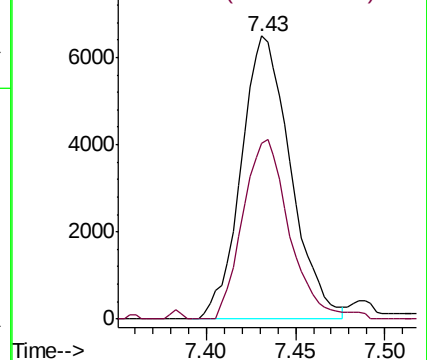
91 100

92 62.3 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#48

2-Hexanone

Concen: 1.068 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.00 min

Lab File: VV012473.D

Acq: 31 Aug 2019 02:17

Tgt Ion: 43 Resp: 9768

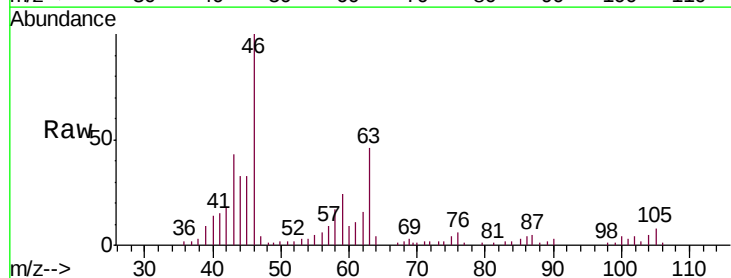
Ion Ratio Lower Upper

43 100

58 31.1 43.6 65.4#

57 0.0 14.2 21.2#

100 2.3 8.9 13.3#

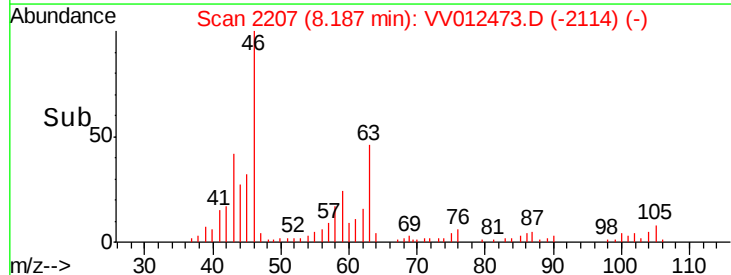
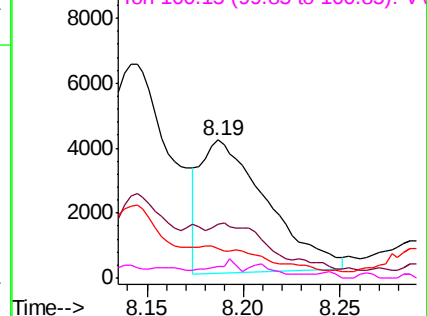


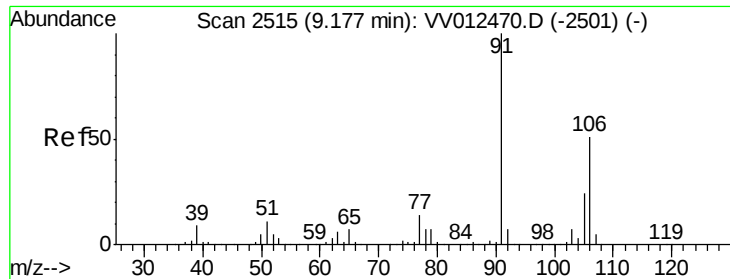
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#53

m,p-xylene

Concen: 0.087 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. 0.00 min

Lab File: VV012473.D

Acq: 31 Aug 2019 02:17

Instrument :

MSVOA_V

ClientSampleId :

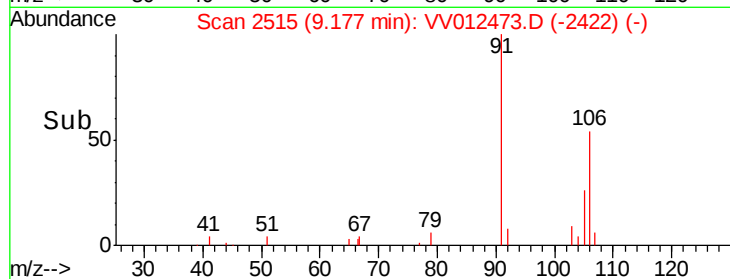
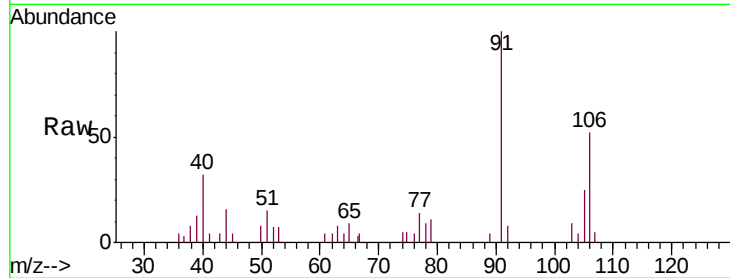
BFD62

Tgt Ion:106 Resp: 3144

Ion Ratio Lower Upper

106 100

91 173.5 141.3 262.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

