

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071520\
 Data File : VV017505.D
 Acq On : 15 Jul 2020 12:32
 Operator : SY/MD
 Sample : L3281-19
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXX9

Quant Time: Jul 16 03:05:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 16 01:29:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	153665	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	148098	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75740	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34033	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.58	69	28979	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.60%
11) 1,1-Dichloroethene-d2	2.13	63	63958	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.92	46	81757	44.57	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.14%
24) Chloroform-d	4.38	84	75603	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.40%
26) 1,2-Dichloroethane-d4	5.06	65	45282	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	5.08	84	139210	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	6.10	67	38196	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.60%
41) Toluene-d8	7.34	98	124959	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
45) trans-1,3-Dichloropropene-	7.64	79	17898	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
48) 2-Hexanone-d5	8.11	63	55609	40.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.88%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	28642	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	55954	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%

Target Compounds

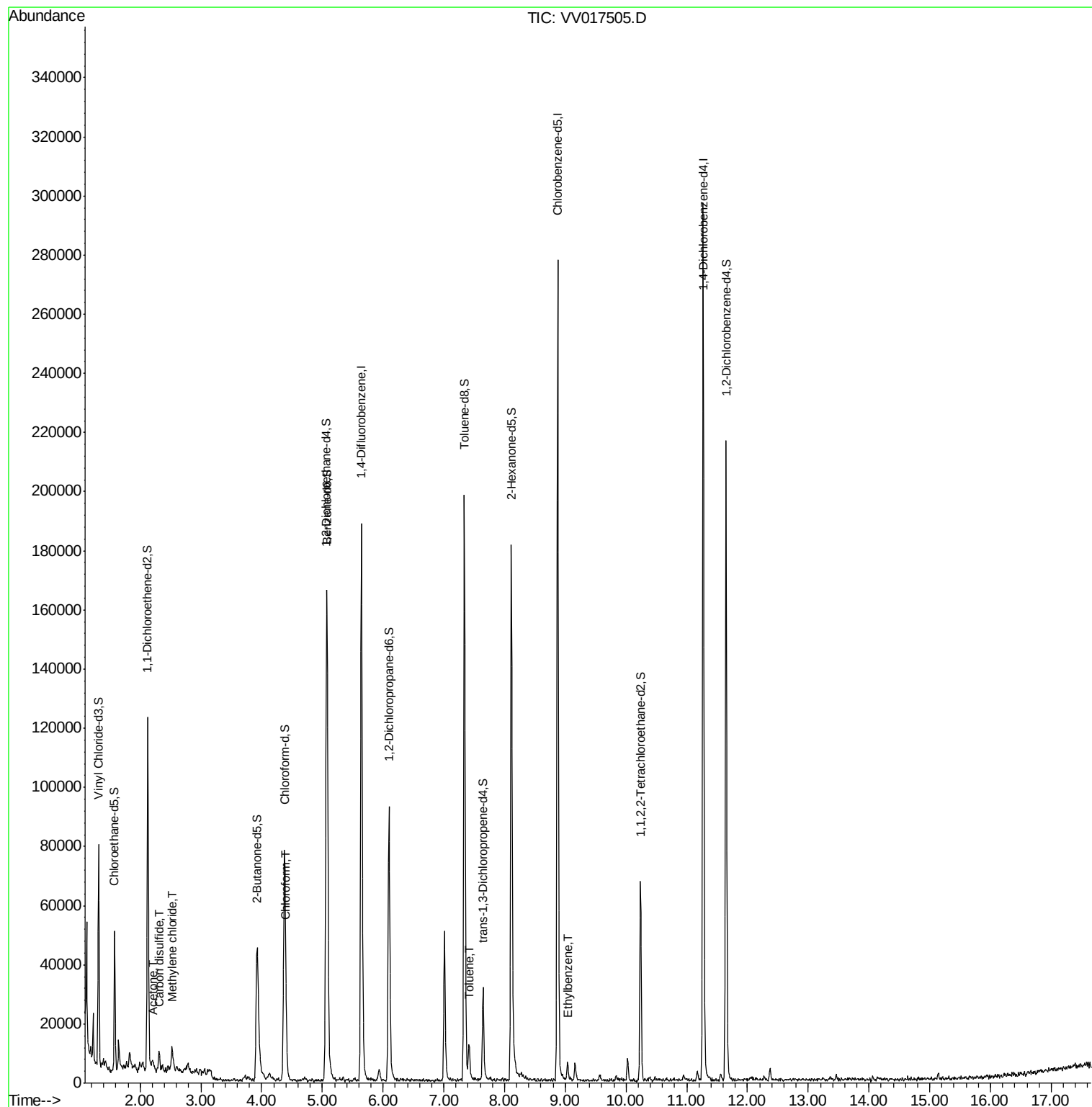
					Ovalue
13) Acetone	2.21	43	4804	3.608	ug/L 91
14) Carbon disulfide	2.31	76	6845	0.239	ug/L 97
16) Methylene chloride	2.52	84	2856	0.257	ug/L 87
25) Chloroform	4.41	83	4360	0.211	ug/L 96
42) Toluene	7.41	91	8019	0.184	ug/L 98
54) Ethylbenzene	9.04	91	3843	0.077	ug/L 99

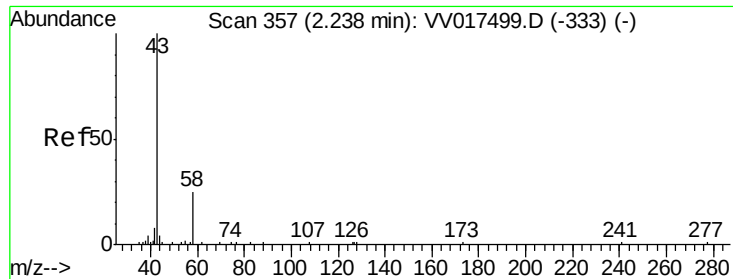
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 16 01:29:31 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.608 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.03 min

Lab File: VV017505.D

Acq: 15 Jul 2020 12:32

Instrument :

MSVOA_V

ClientSampleId :

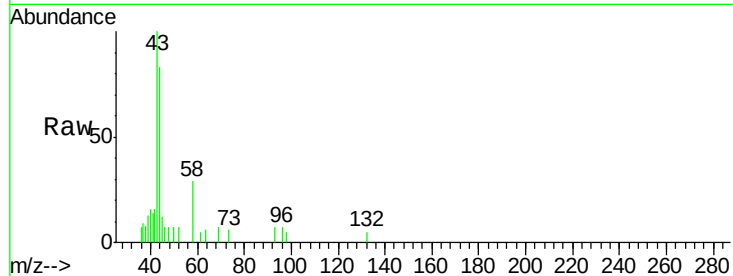
GAXX9

Tot Ion: 43 Resp: 4804

Ion Ratio Lower Upper

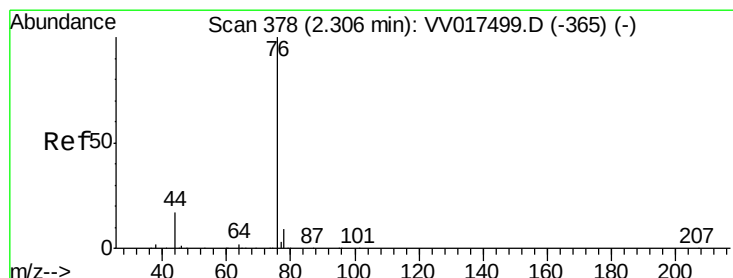
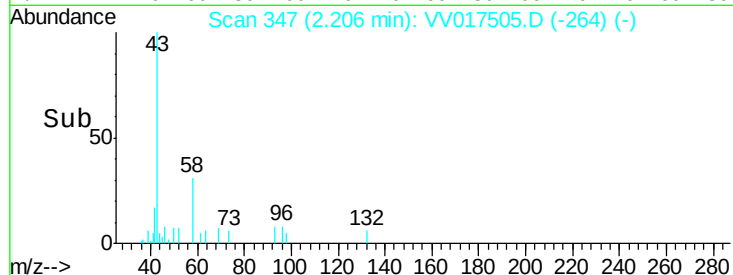
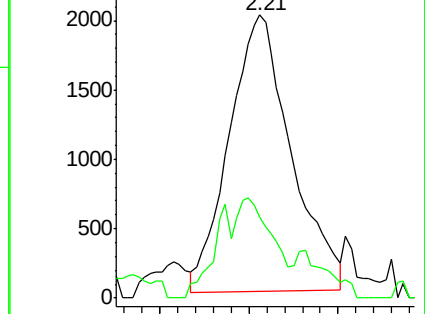
43 100

58 20.9 0.0 33.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 0.239 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VV017505.D

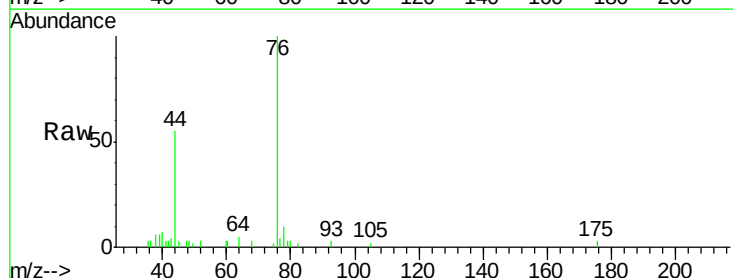
Acq: 15 Jul 2020 12:32

Tgt Ion: 76 Resp: 6845

Ion Ratio Lower Upper

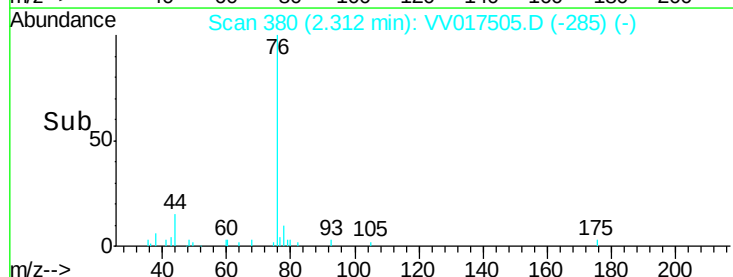
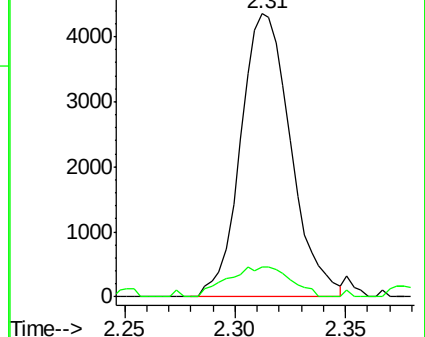
76 100

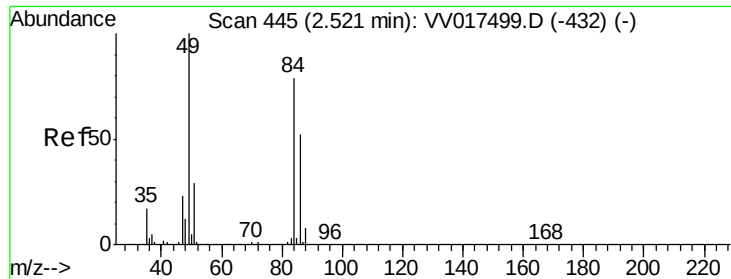
78 10.4 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

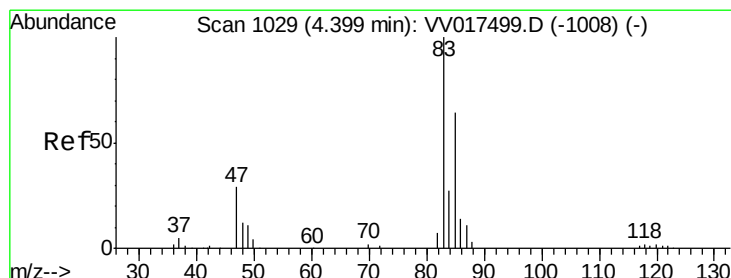
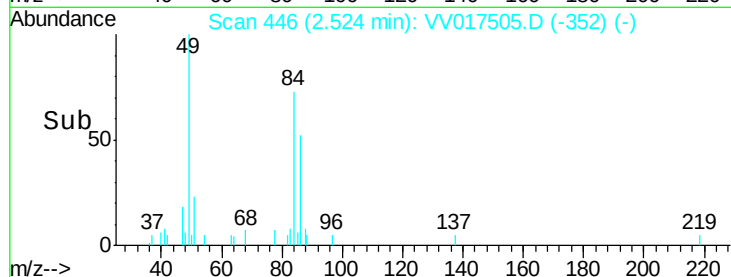
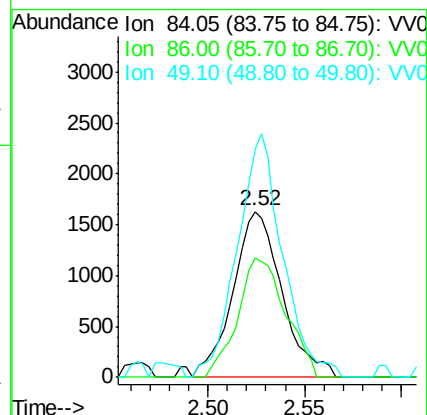
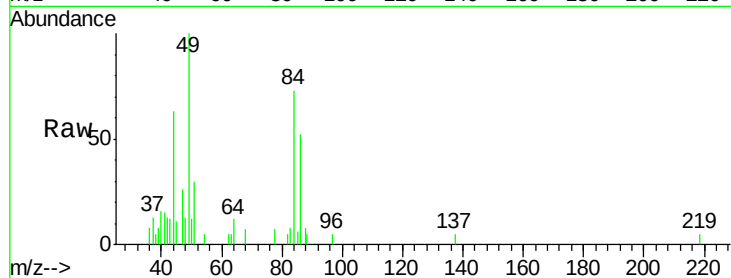




#16
Methylene chloride
Concen: 0.257 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV017505.D
Acq: 15 Jul 2020 12:32

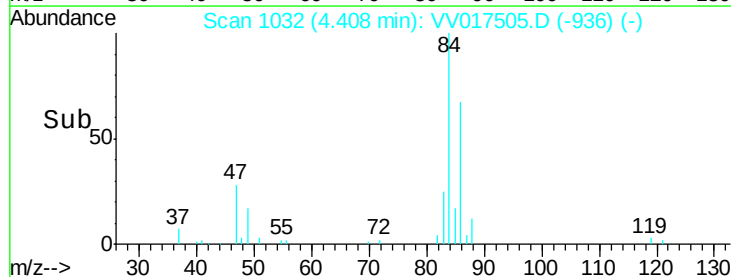
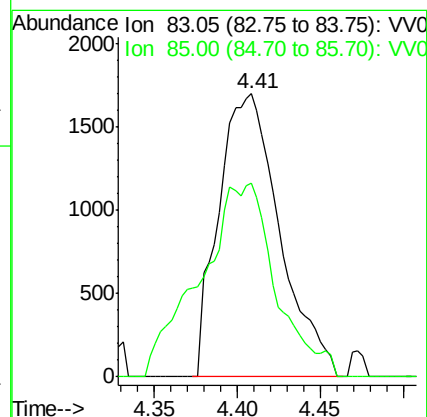
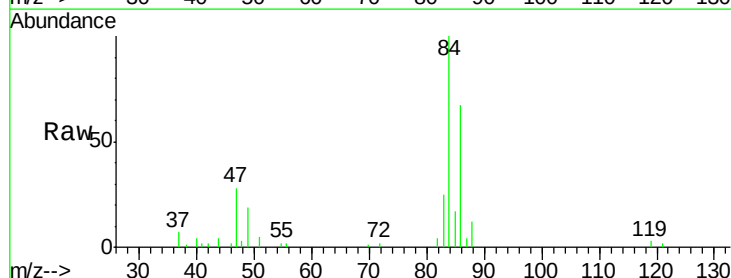
Instrument :
MSVOA_V
ClientSampled :
GAXX9

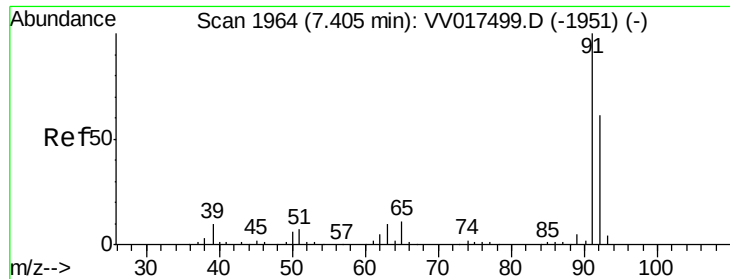
Tot Ion: 84 Resp: 2856
Ion Ratio Lower Upper
84 100
86 71.6 45.5 84.5
49 137.5 84.6 157.0



#25
Chloroform
Concen: 0.211 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV017505.D
Acq: 15 Jul 2020 12:32

Tgt Ion: 83 Resp: 4360
Ion Ratio Lower Upper
83 100
85 68.3 45.4 84.4





#42

Toluene

Concen: 0.184 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017505.D

Acq: 15 Jul 2020 12:32

Instrument :

MSVOA_V

ClientSampleId :

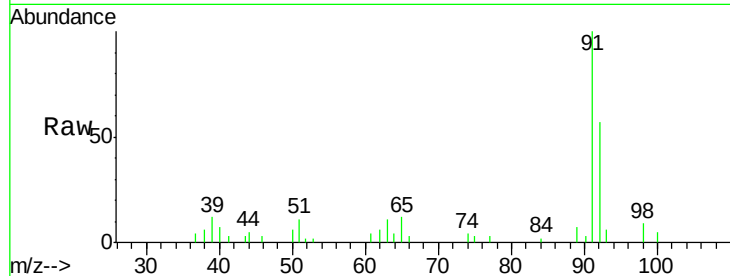
GAXX9

Tot Ion: 91 Resp: 8019

Ion Ratio Lower Upper

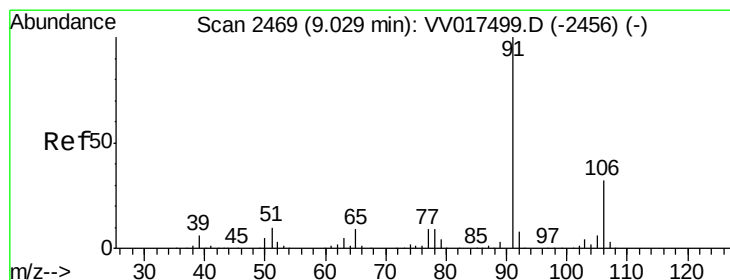
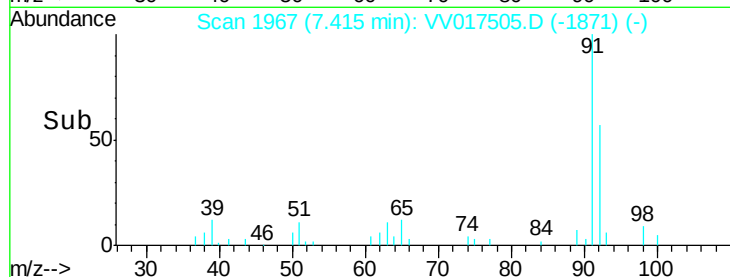
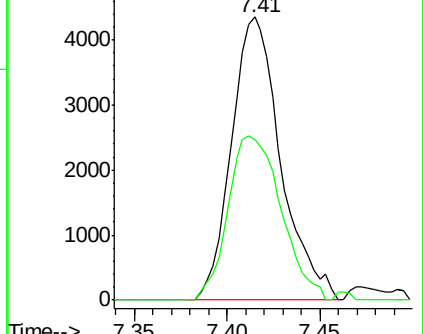
91 100

92 56.9 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#54

Ethylbenzene

Concen: 0.077 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.01 min

Lab File: VV017505.D

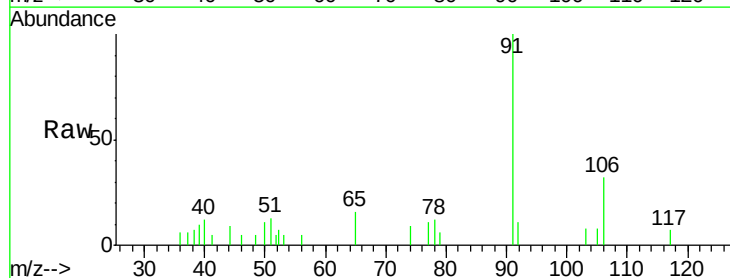
Acq: 15 Jul 2020 12:32

Tgt Ion: 91 Resp: 3843

Ion Ratio Lower Upper

91 100

106 31.6 21.9 40.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V

