

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV063020\
 Data File : VV017259.D
 Acq On : 30 Jun 2020 14:46
 Operator : SY/MD
 Sample : L3168-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ9

Quant Time: Jul 01 06:24:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 06:00:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	163397	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	158516	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	76950	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42883	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.58	69	36348	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.13	63	67469	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	3.95	46	120890	48.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.74%
24) Chloroform-d	4.38	84	104085	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.06	65	57643	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.08	84	186784	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.10	67	55136	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.34	98	166260	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
45) trans-1,3-Dichloropropene-	7.64	79	23364	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
48) 2-Hexanone-d5	8.11	63	75787	38.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.58%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36356	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	69974	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

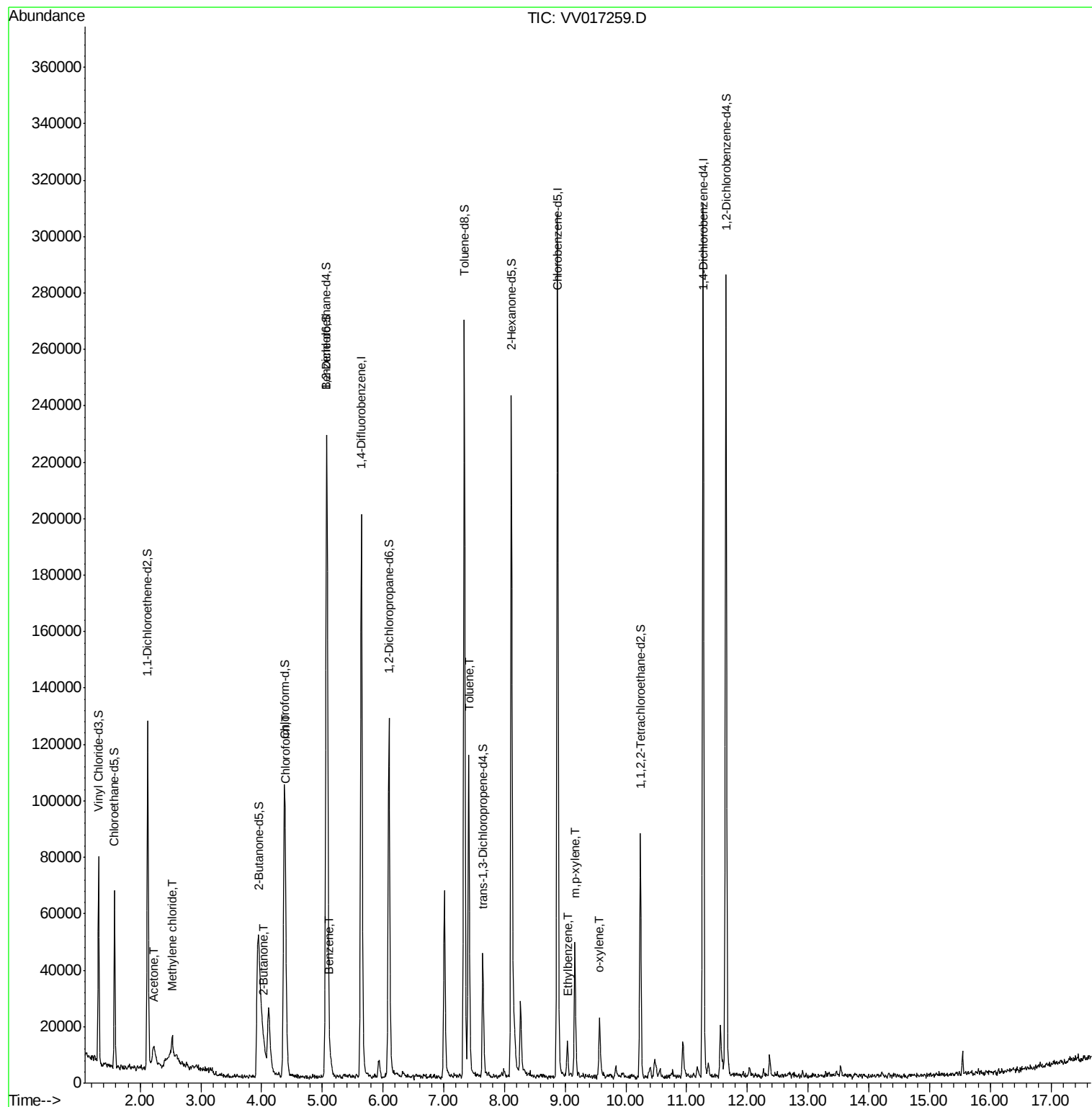
					Ovalue
13) Acetone	2.21	43	20353	16.109 ug/L	69
16) Methylene chloride	2.53	84	2538	0.302 ug/L	78
21) 2-Butanone	4.05	43	8094	3.398 ug/L #	74
25) Chloroform	4.40	83	13041	0.639 ug/L	98
33) Benzene	5.12	78	5971	0.144 ug/L	100
42) Toluene	7.41	91	79732	1.652 ug/L	98
54) Ethylbenzene	9.04	91	7591	0.147 ug/L	99
55) m,p-xylene	9.16	106	12823	0.635 ug/L	95
56) o-xylene	9.57	106	5597	0.297 ug/L	76

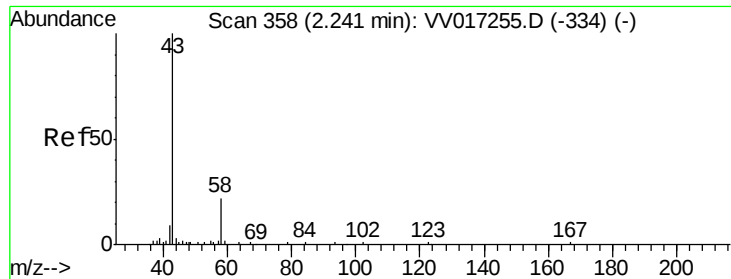
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 01 06:00:36 2020
Response via : Initial Calibration





#13

Acetone

Concen: 16.109 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.03 min

Lab File: VV017259.D

Acq: 30 Jun 2020 14:46

Instrument :

MSVOA_V

ClientSampled :

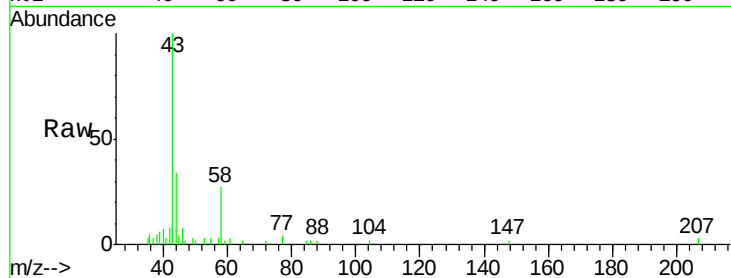
C0AJ9

Tot Ion: 43 Resp: 20353

Ion Ratio Lower Upper

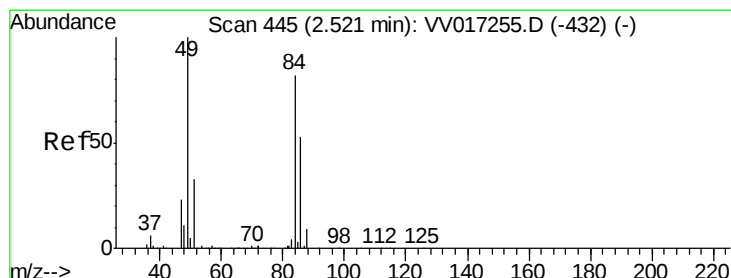
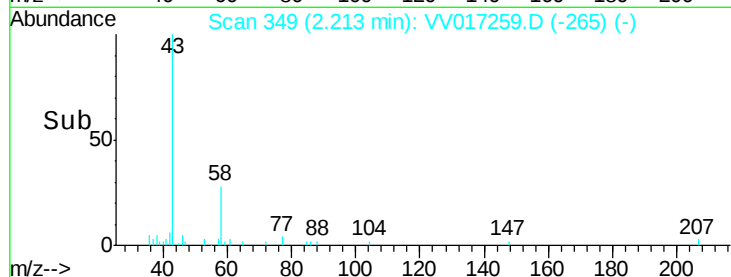
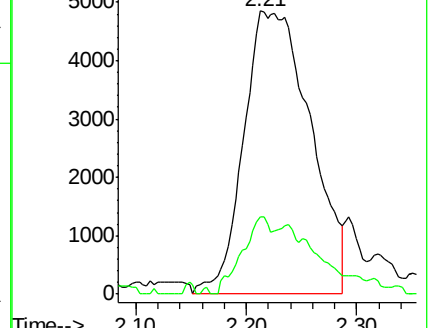
43 100

58 12.5 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#16

Methylene chloride

Concen: 0.302 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.01 min

Lab File: VV017259.D

Acq: 30 Jun 2020 14:46

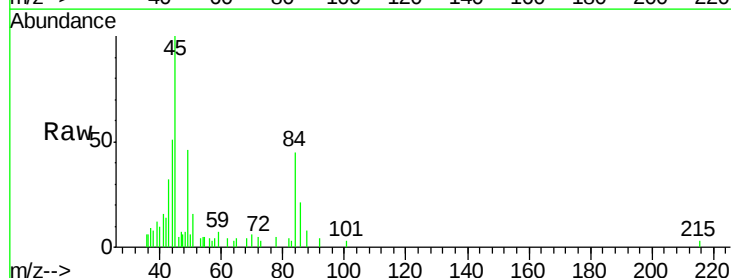
Tgt Ion: 84 Resp: 2538

Ion Ratio Lower Upper

84 100

86 48.0 45.8 85.0

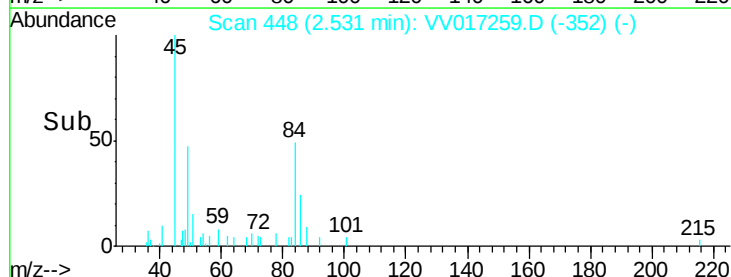
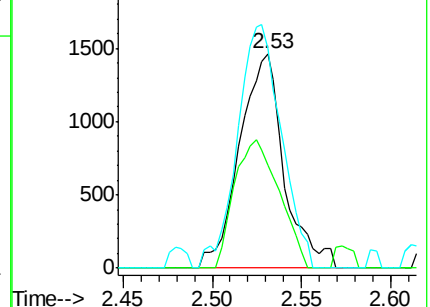
49 102.1 89.6 166.4

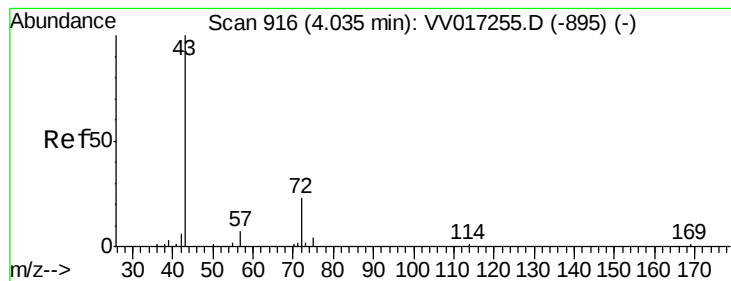


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#21

2-Butanone

Concen: 3.398 ug/L

RT: 4.05 min Scan# 920

Delta R.T. 0.01 min

Lab File: VV017259.D

Acq: 30 Jun 2020 14:46

Instrument :

MSVOA_V

ClientSampleId :

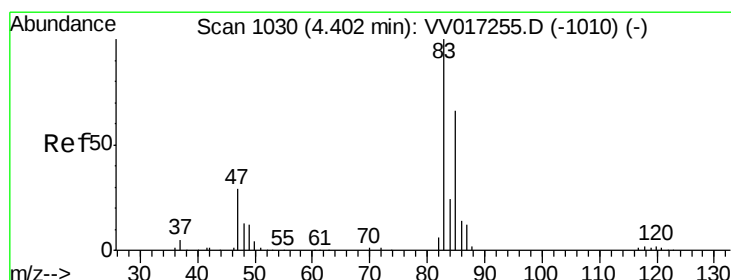
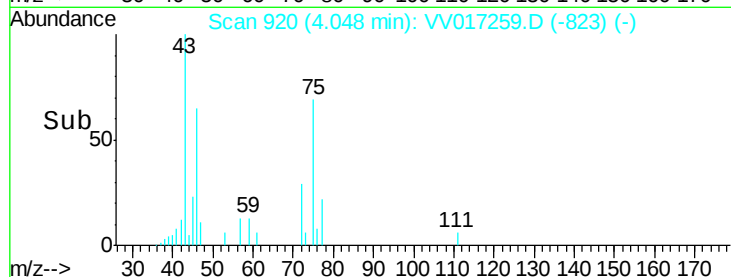
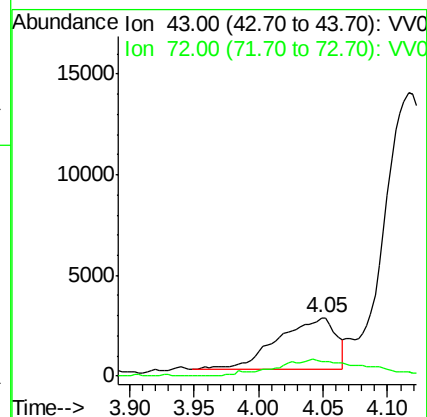
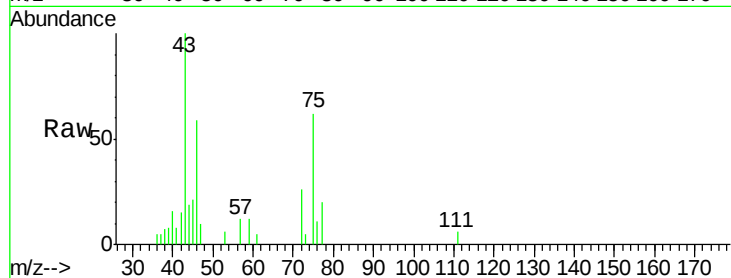
C0AJ9

Tot Ion: 43 Resp: 8094

Ion Ratio Lower Upper

43 100

72 12.1 12.4 37.4#



#25

Chloroform

Concen: 0.639 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VV017259.D

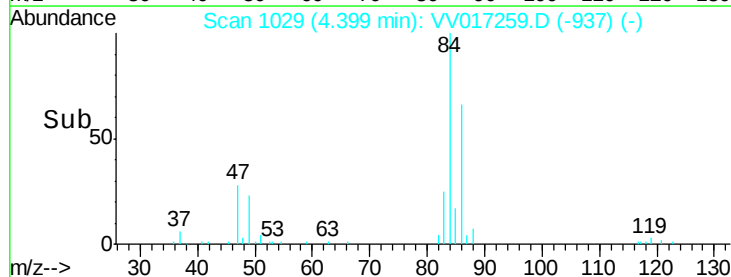
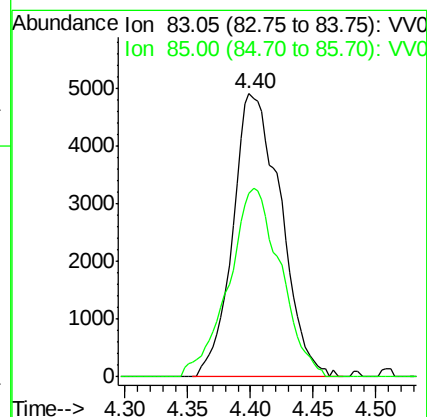
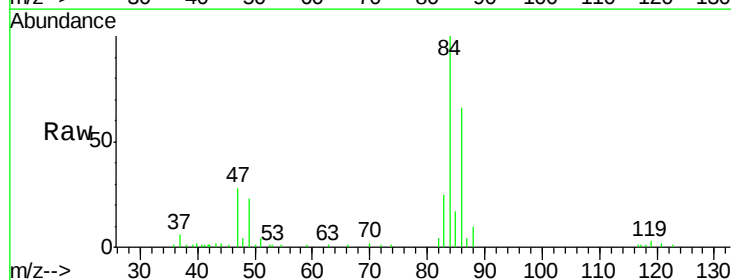
Acq: 30 Jun 2020 14:46

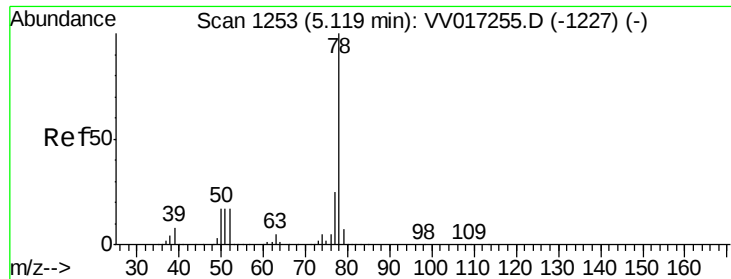
Tgt Ion: 83 Resp: 13041

Ion Ratio Lower Upper

83 100

85 65.1 44.2 82.2





#33

Benzene

Concen: 0.144 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VV017259.D

Acq: 30 Jun 2020 14:46

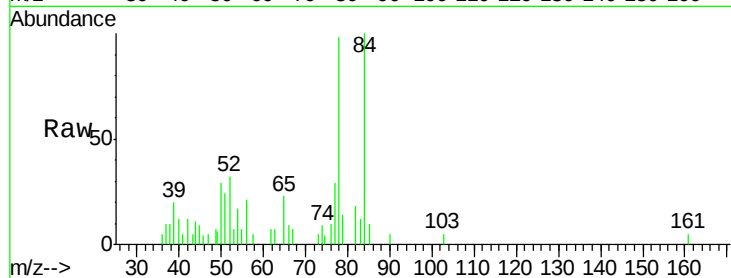
Instrument :

MSVOA_V

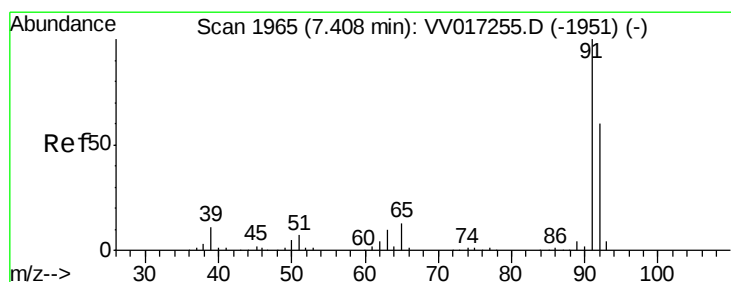
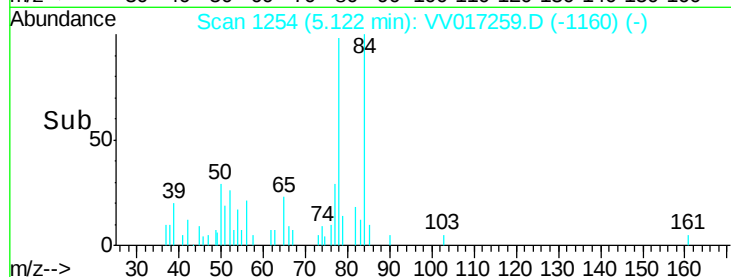
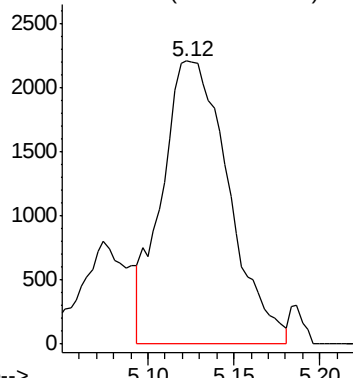
ClientSampleId :

C0AJ9

Tgt Ion: 78 Resp: 5971



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 1.652 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV017259.D

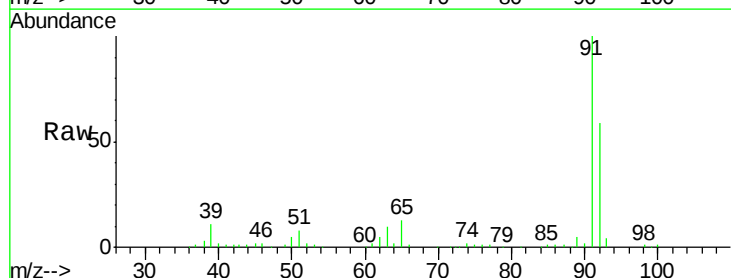
Acq: 30 Jun 2020 14:46

Tgt Ion: 91 Resp: 79732

Ion Ratio Lower Upper

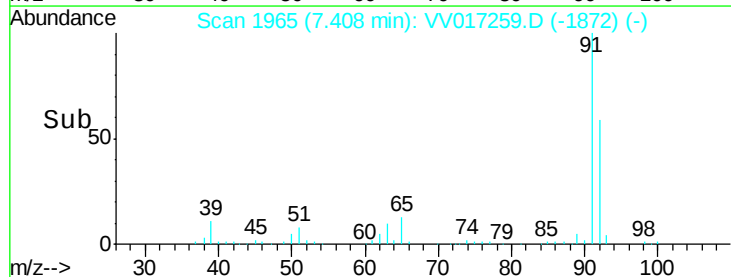
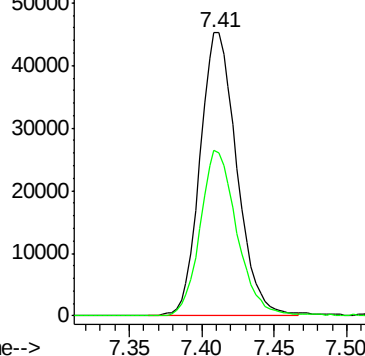
91 100

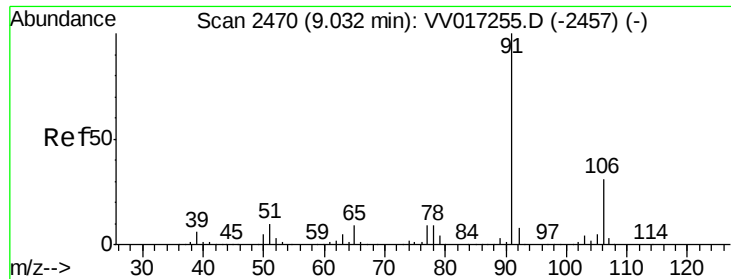
92 58.7 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#54

Ethylbenzene

Concen: 0.147 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV017259.D

Acq: 30 Jun 2020 14:46

Instrument :

MSVOA_V

ClientSampleId :

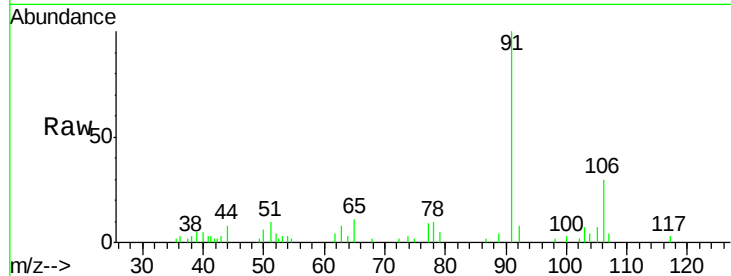
C0AJ9

Tot Ion: 91 Resp: 7591

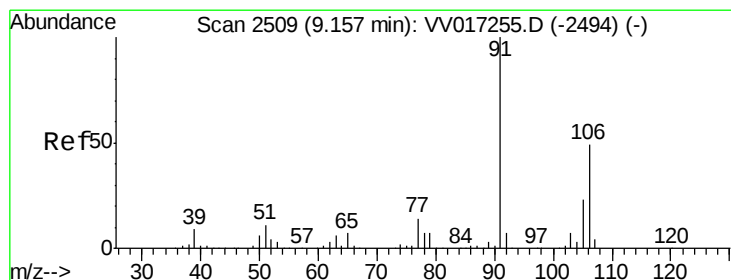
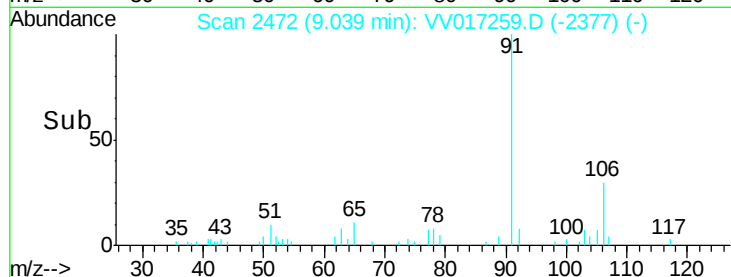
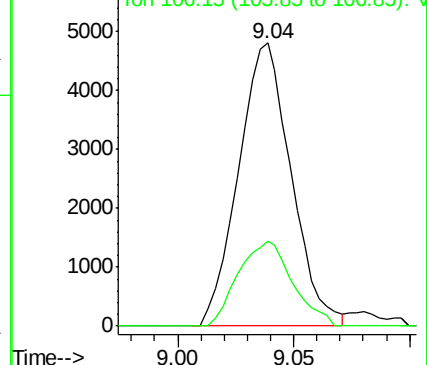
Ion Ratio Lower Upper

91 100

106 29.8 21.1 39.1



Abundance Ion 91.15 (90.85 to 91.85): VV017259.D (-2457) (-)



#55

m,p-xylene

Concen: 0.635 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV017259.D

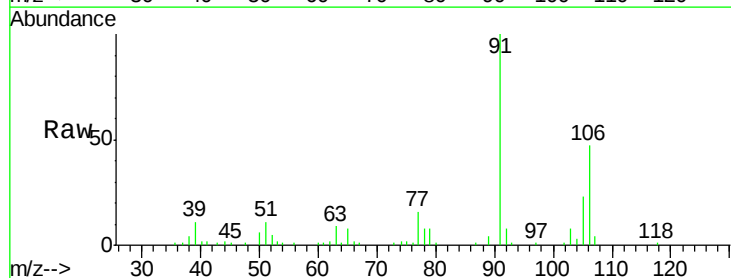
Acq: 30 Jun 2020 14:46

Tgt Ion: 106 Resp: 12823

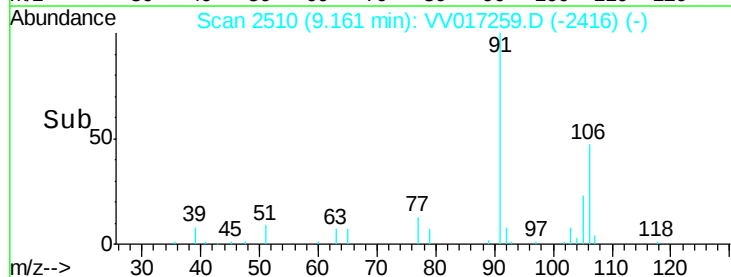
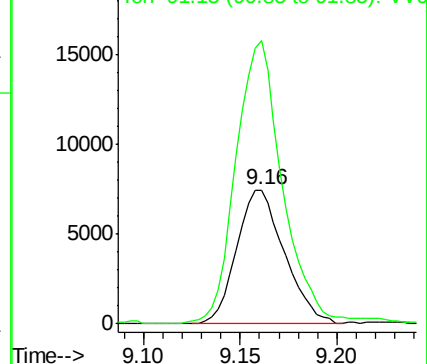
Ion Ratio Lower Upper

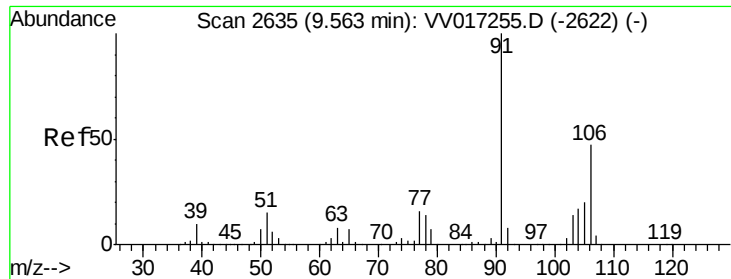
106 100

91 210.8 142.7 264.9



Abundance Ion 106.15 (105.85 to 106.85): VV017259.D (-2494) (-)





#56
 o-xylene
 Concen: 0.297 ug/L
 RT: 9.57 min Scan# 2636
 Delta R.T. 0.00 min
 Lab File: VV017259.D
 Acq: 30 Jun 2020 14:46

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ9

Tot Ion:106 Resp: 5597
 Ion Ratio Lower Upper
 106 100
 91 181.3 153.6 285.2

