

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV063020\
 Data File : VV017260.D
 Acq On : 30 Jun 2020 15:10
 Operator : SY/MD
 Sample : L3168-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK0

Quant Time: Jul 01 06:28:06 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	161592	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	157904	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	76612	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44260	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.58	69	38999	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.60%
11) 1,1-Dichloroethene-d2	2.13	63	69264	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	3.94	46	122746	49.66	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.32%
24) Chloroform-d	4.38	84	105997	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.06	65	59709	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.08	84	195006	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.09	67	56856	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.34	98	173690	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
45) trans-1,3-Dichloropropene-	7.65	79	22812	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
48) 2-Hexanone-d5	8.11	63	77595	39.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.74%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37482	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	73019	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

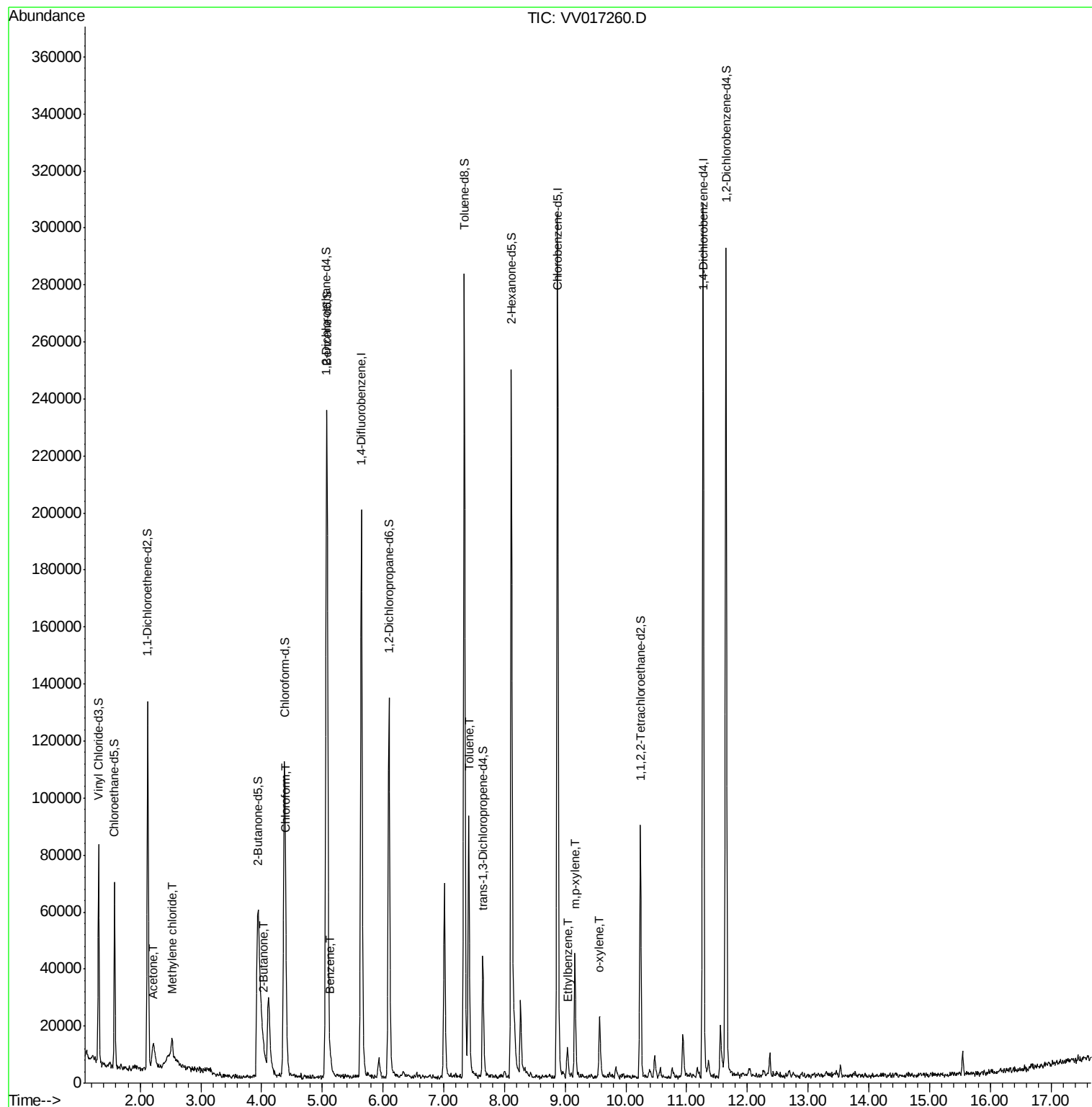
					Ovalue
13) Acetone	2.22	43	19827	15.868 ug/L	78
16) Methylene chloride	2.53	84	2344	0.282 ug/L	89
21) 2-Butanone	4.04	43	8270	3.511 ug/L #	75
25) Chloroform	4.41	83	13103	0.650 ug/L	95
33) Benzene	5.13	78	5741	0.139 ug/L	100
42) Toluene	7.41	91	62643	1.303 ug/L	99
54) Ethylbenzene	9.04	91	6758	0.132 ug/L	98
55) m,p-xylene	9.16	106	12043	0.598 ug/L	90
56) o-xylene	9.57	106	5587	0.297 ug/L	82

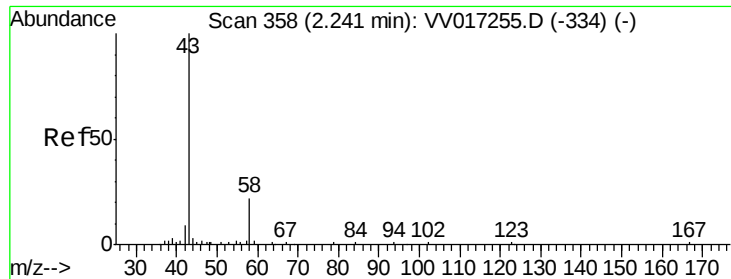
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 15.868 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.02 min

Lab File: VV017260.D

Acq: 30 Jun 2020 15:10

Instrument :

MSVOA_V

ClientSampleId :

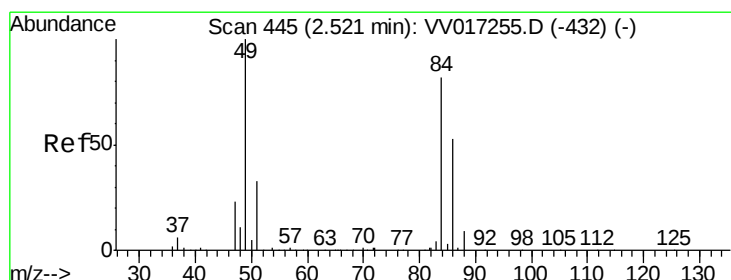
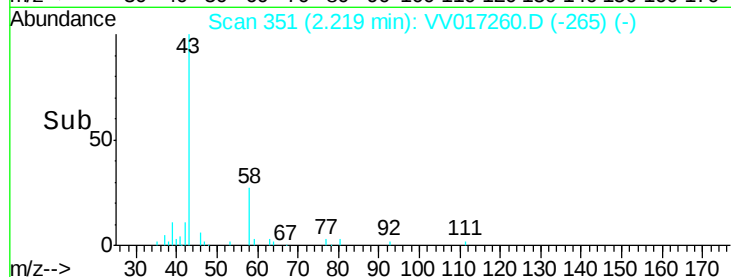
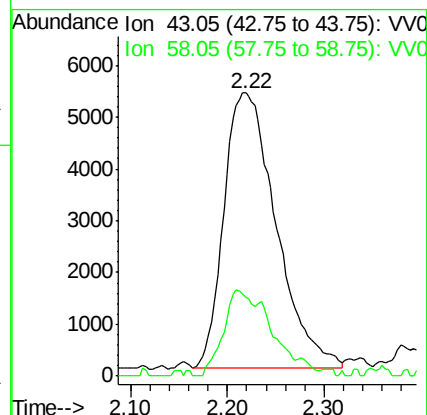
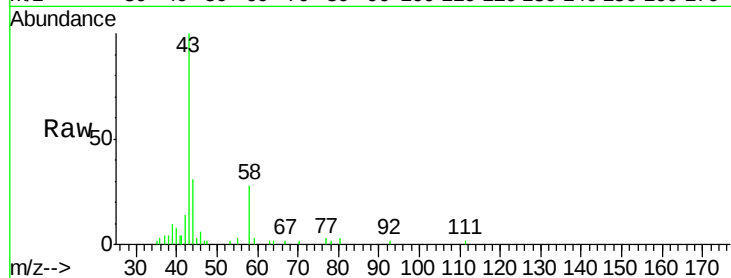
C0AK0

Tot Ion: 43 Resp: 19827

Ion Ratio Lower Upper

43 100

58 17.5 0.0 58.4



#16

Methylene chloride

Concen: 0.282 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.01 min

Lab File: VV017260.D

Acq: 30 Jun 2020 15:10

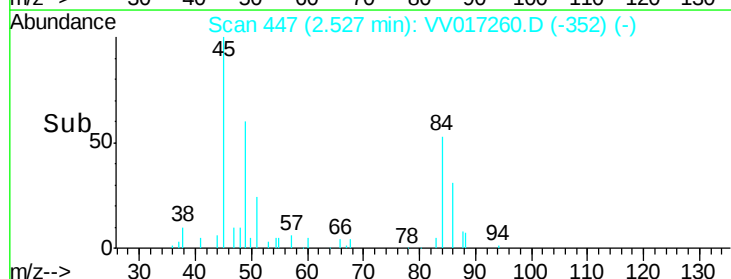
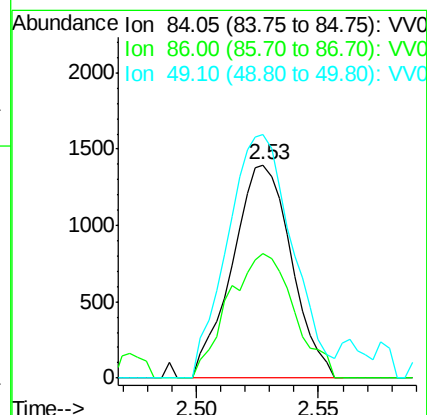
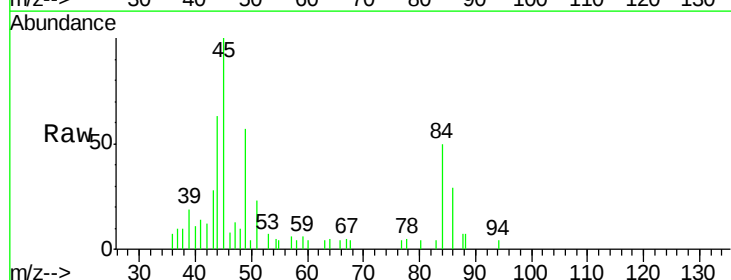
Tgt Ion: 84 Resp: 2344

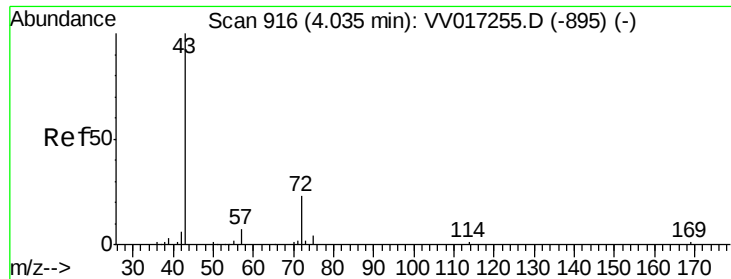
Ion Ratio Lower Upper

84 100

86 58.6 45.8 85.0

49 114.2 89.6 166.4

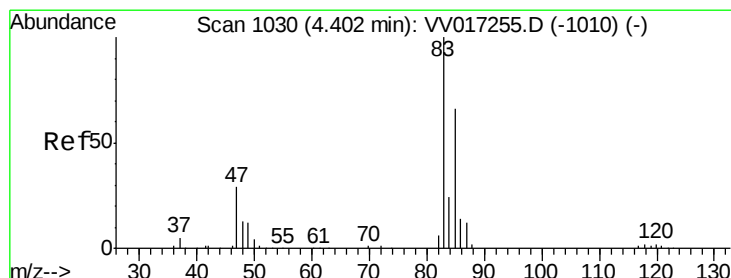
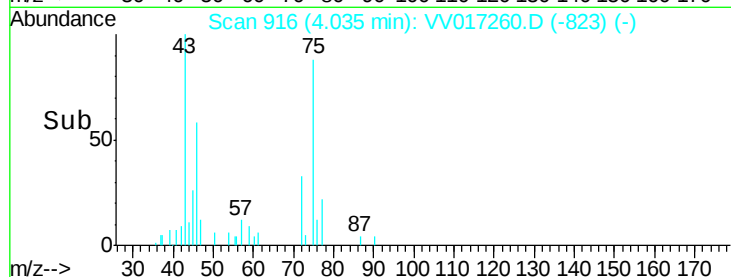
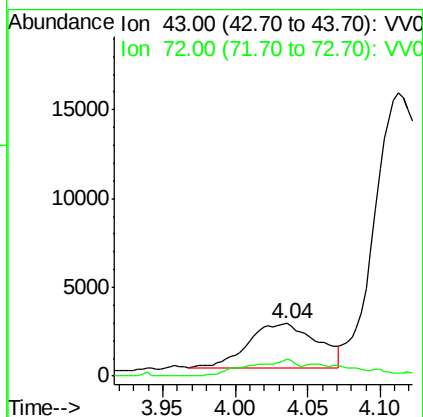
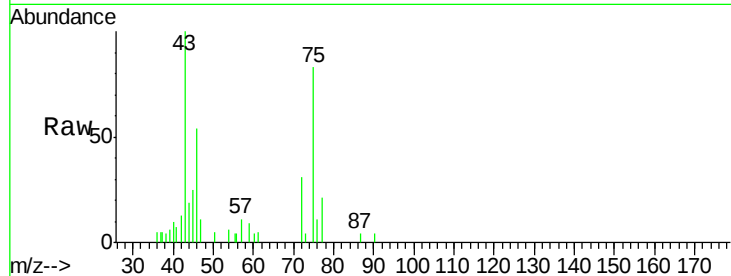




#21
2-Butanone
Concen: 3.511 ug/L
RT: 4.04 min Scan# 916
Delta R.T. -0.00 min
Lab File: VV017260.D
Acq: 30 Jun 2020 15:10

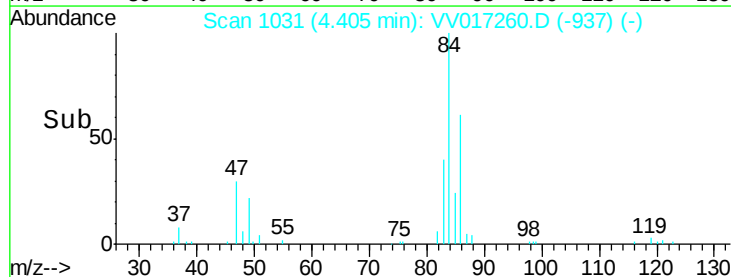
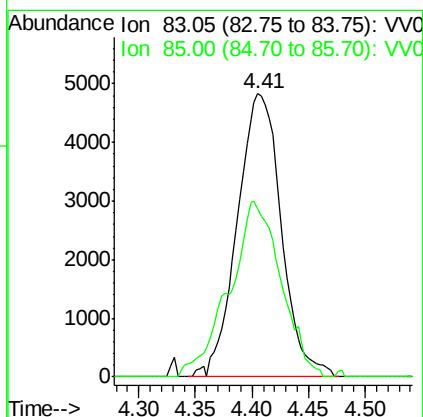
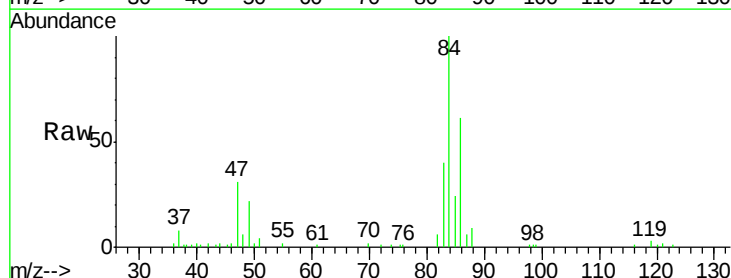
Instrument :
MSVOA_V
ClientSampleId :
C0AK0

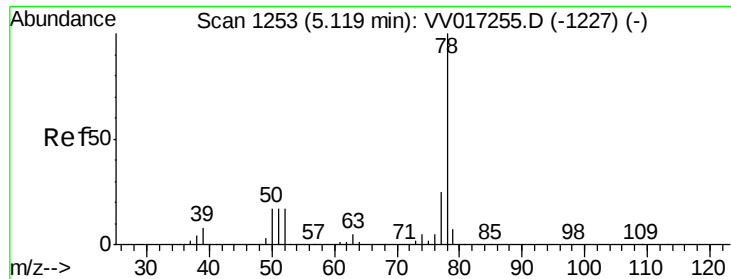
Tot Ion: 43 Resp: 8270
Ion Ratio Lower Upper
43 100
72 12.3 12.4 37.4#



#25
Chloroform
Concen: 0.650 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV017260.D
Acq: 30 Jun 2020 15:10

Tgt Ion: 83 Resp: 13103
Ion Ratio Lower Upper
83 100
85 59.3 44.2 82.2





#33

Benzene

Concen: 0.139 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV017260.D

Acq: 30 Jun 2020 15:10

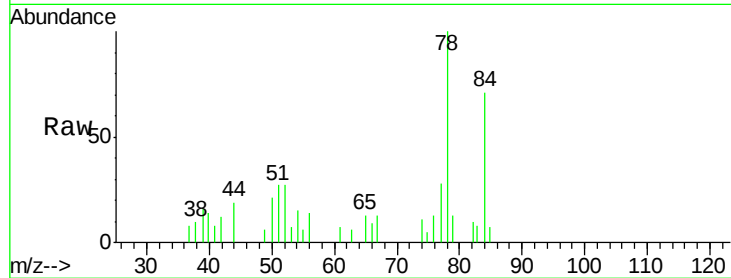
Instrument :

MSVOA_V

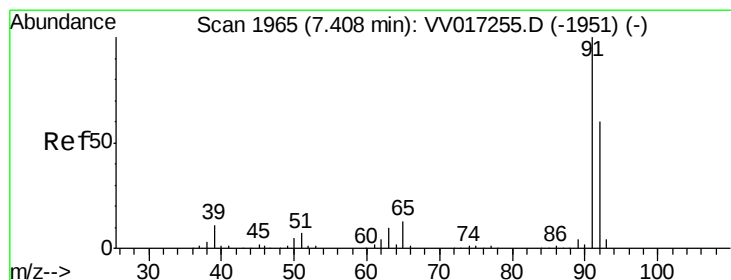
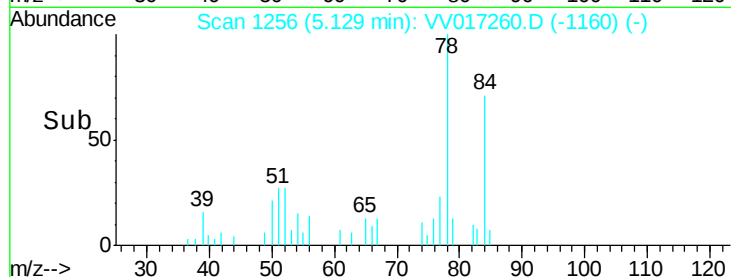
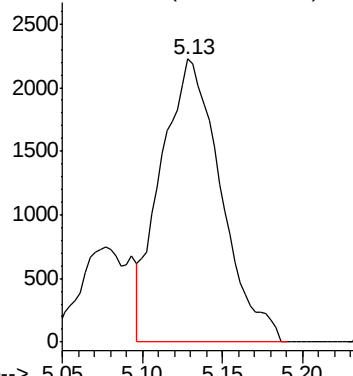
ClientSampleId :

C0AK0

Tgt Ion: 78 Resp: 5741



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 1.303 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV017260.D

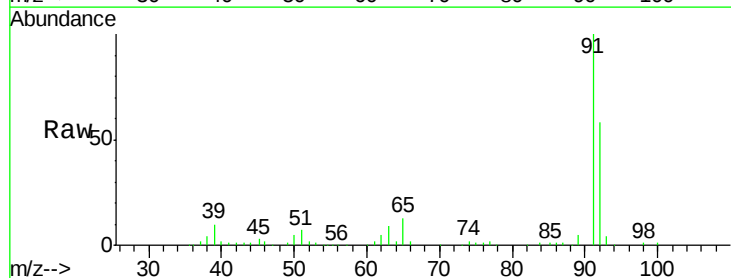
Acq: 30 Jun 2020 15:10

Tgt Ion: 91 Resp: 62643

Ion Ratio Lower Upper

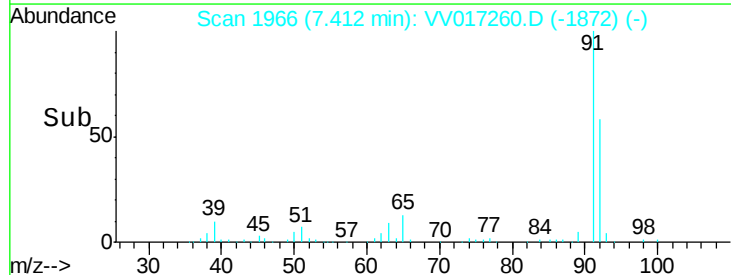
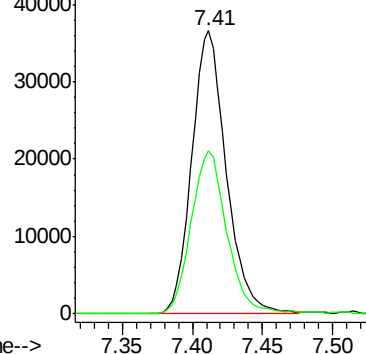
91 100

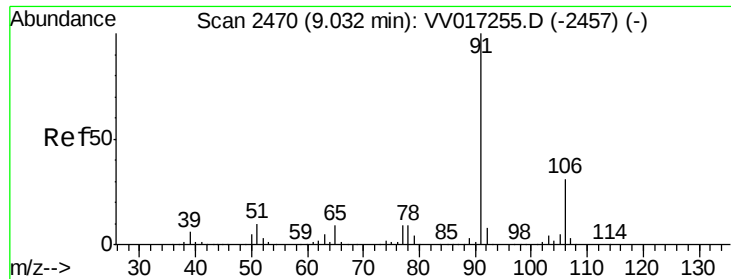
92 57.6 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#54

Ethylbenzene

Concen: 0.132 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV017260.D

Acq: 30 Jun 2020 15:10

Instrument :

MSVOA_V

ClientSampleId :

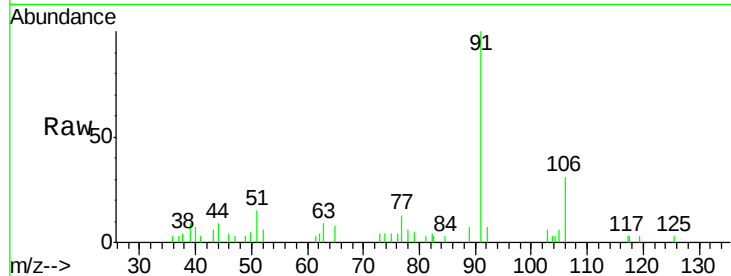
C0AK0

Tot Ion: 91 Resp: 6758

Ion Ratio Lower Upper

91 100

106 31.0 21.1 39.1



Abundance Ion 91.15 (90.85 to 91.85): VV017255.D (-2457) (-)

Ion 106.15 (105.85 to 106.85): VV017255.D (-2457) (-)

15000

10000

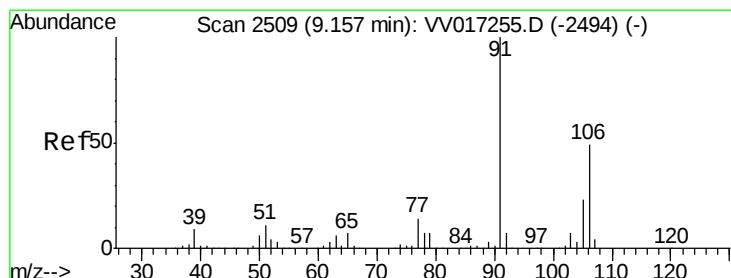
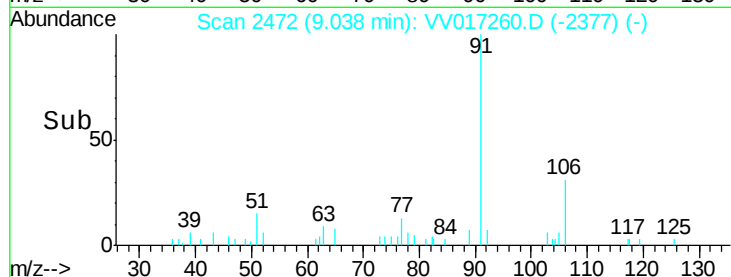
5000

0

9.00 9.05 9.10

9.04

Time-->



#55

m,p-xylene

Concen: 0.598 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV017260.D

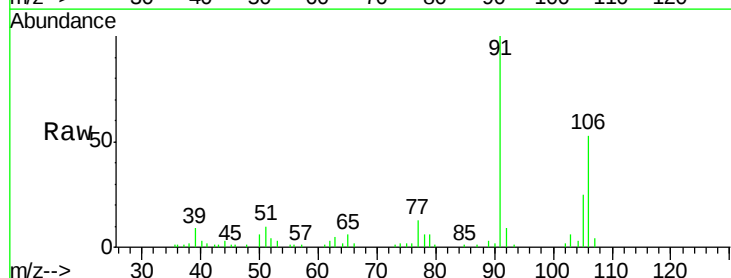
Acq: 30 Jun 2020 15:10

Tgt Ion: 106 Resp: 12043

Ion Ratio Lower Upper

106 100

91 189.0 142.7 264.9



Abundance Ion 106.15 (105.85 to 106.85): VV017255.D (-2494) (-)

Ion 91.15 (90.85 to 91.85): VV017255.D (-2494) (-)

15000

10000

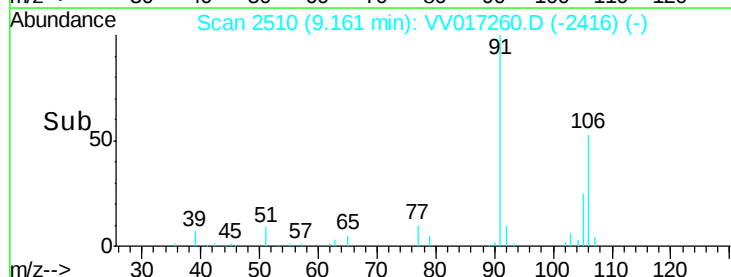
5000

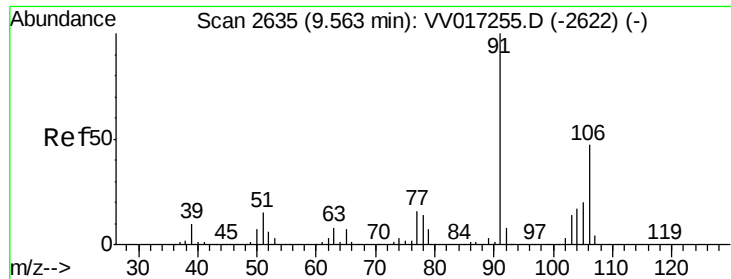
0

9.10 9.15 9.20

9.16

Time-->





#56
 o-xylene
 Concen: 0.297 ug/L
 RT: 9.57 min Scan# 2636
 Delta R.T. 0.00 min
 Lab File: VV017260.D
 Acq: 30 Jun 2020 15:10

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK0

Tot Ion:106 Resp: 5587
 Ion Ratio Lower Upper
 106 100
 91 190.2 153.6 285.2

