

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV063020\
 Data File : VV017262.D
 Acq On : 30 Jun 2020 15:58
 Operator : SY/MD
 Sample : L3168-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK2

Quant Time: Jul 01 06:35:23 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	160043	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	156200	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77178	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43387	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.58	69	39038	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.80%
11) 1,1-Dichloroethene-d2	2.13	63	67185	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	3.93	46	119735	48.91	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.82%
24) Chloroform-d	4.38	84	106067	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.06	65	57735	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.08	84	189322	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.10	67	54706	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.34	98	165613	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
45) trans-1,3-Dichloropropene-	7.65	79	22225	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
48) 2-Hexanone-d5	8.11	63	75335	39.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.26%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37491	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	69989	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

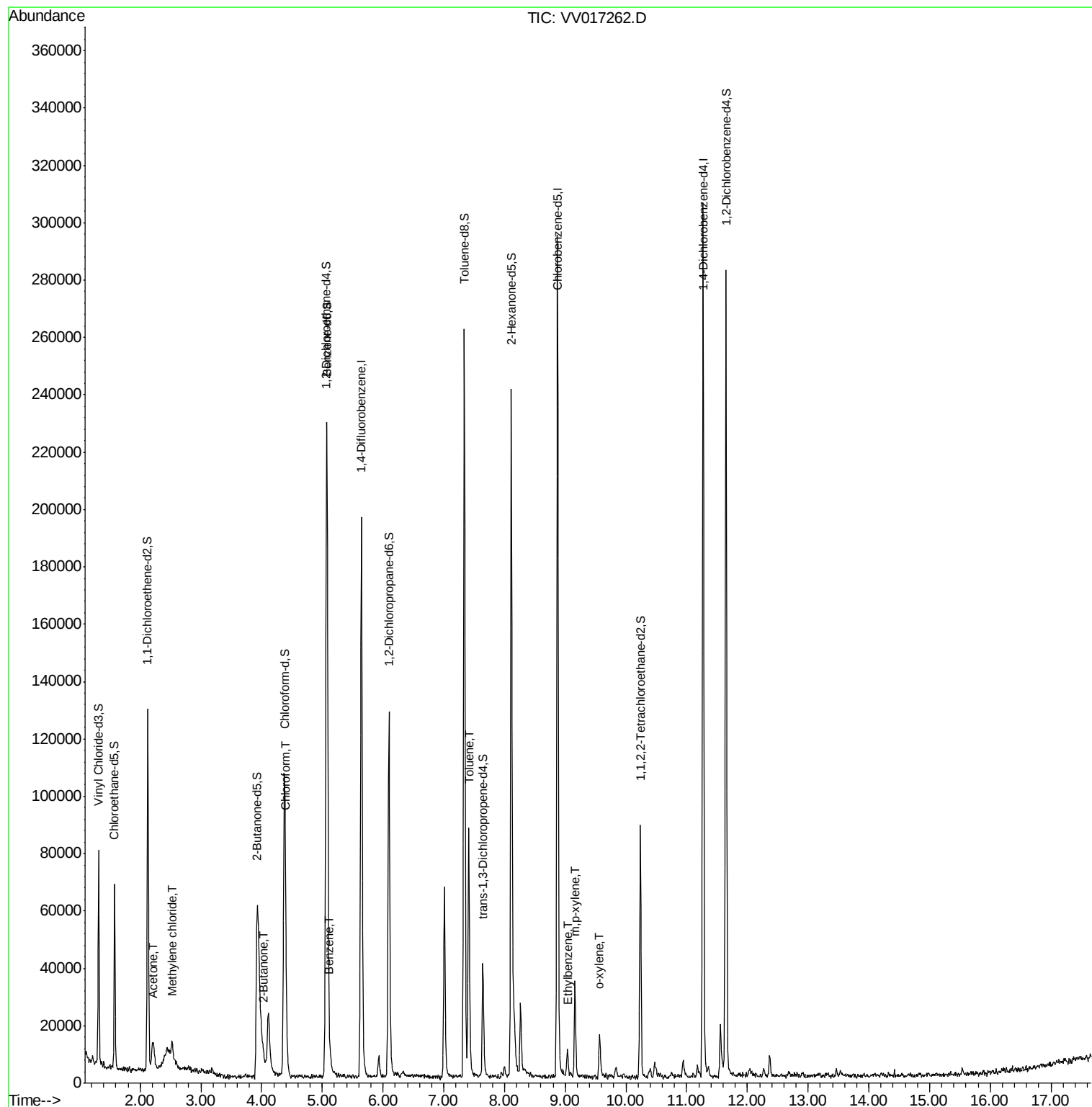
					Ovalue
13) Acetone	2.21	43	20936	16.918 ug/L	97
16) Methylene chloride	2.53	84	1908	0.232 ug/L	98
21) 2-Butanone	4.04	43	7961	3.413 ug/L	86
25) Chloroform	4.40	83	11093	0.555 ug/L	91
33) Benzene	5.12	78	5337	0.130 ug/L	100
42) Toluene	7.41	91	61234	1.288 ug/L	99
54) Ethylbenzene	9.04	91	5806	0.114 ug/L #	81
55) m,p-xylene	9.16	106	9504	0.477 ug/L	89
56) o-xylene	9.57	106	3941	0.212 ug/L	82

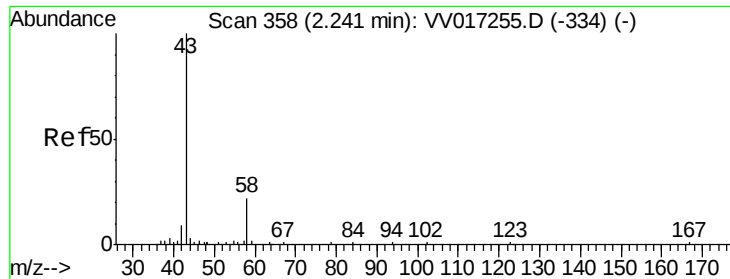
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 16.918 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.03 min

Lab File: VV017262.D

Acq: 30 Jun 2020 15:58

Instrument :

MSVOA_V

ClientSampleId :

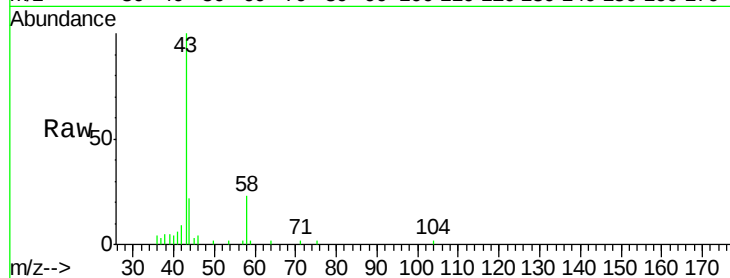
C0AK2

Tot Ion: 43 Resp: 20936

Ion Ratio Lower Upper

43 100

58 27.5 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.21

8000

6000

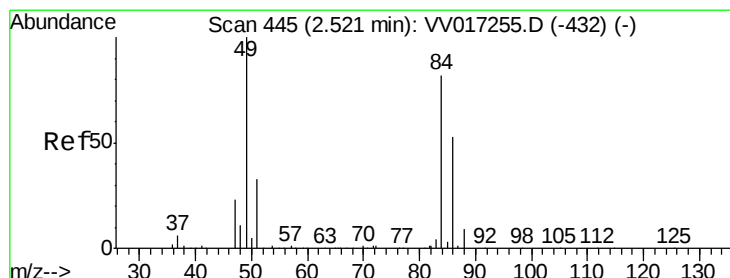
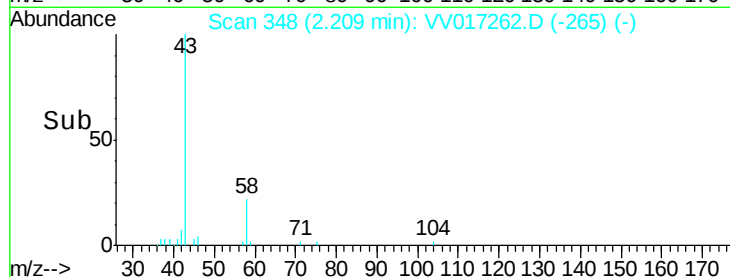
4000

2000

0

Time-->

2.10 2.20 2.30



#16

Methylene chloride

Concen: 0.232 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.01 min

Lab File: VV017262.D

Acq: 30 Jun 2020 15:58

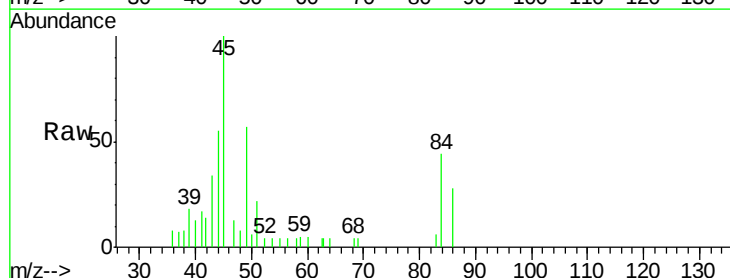
Tgt Ion: 84 Resp: 1908

Ion Ratio Lower Upper

84 100

86 64.0 45.8 85.0

49 129.7 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

2000

1500

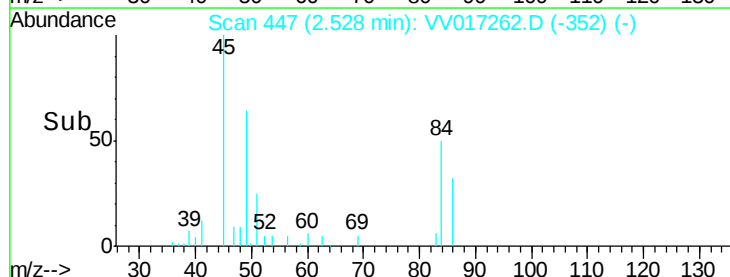
1000

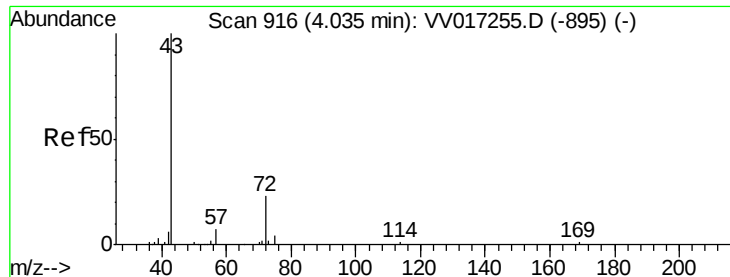
500

0

Time-->

2.50 2.55





#21

2-Butanone

Concen: 3.413 ug/L

RT: 4.04 min Scan# 916

Delta R.T. 0.00 min

Lab File: VV017262.D

Acq: 30 Jun 2020 15:58

Instrument :

MSVOA_V

ClientSampleId :

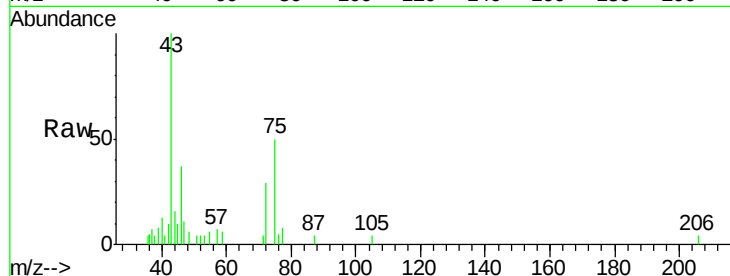
C0AK2

Tot Ion: 43 Resp: 7961

Ion Ratio Lower Upper

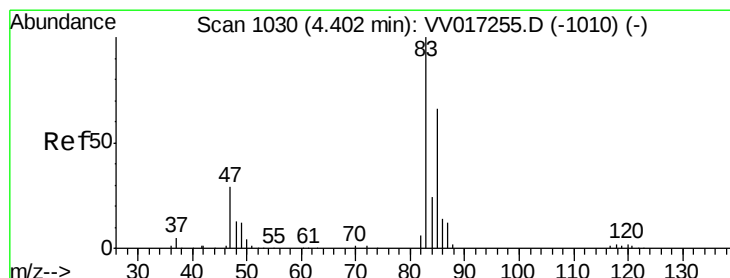
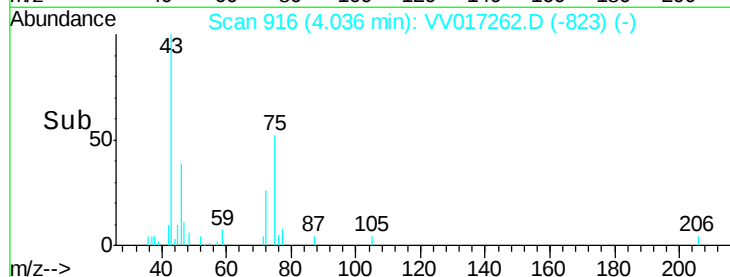
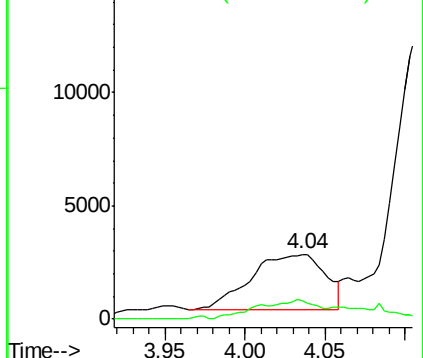
43 100

72 17.8 12.4 37.4



Abundance Ion 43.00 (42.70 to 43.70): VV017255.D (-895) (-)

Ion 72.00 (71.70 to 72.70): VV017255.D (-895) (-)



#25

Chloroform

Concen: 0.555 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV017262.D

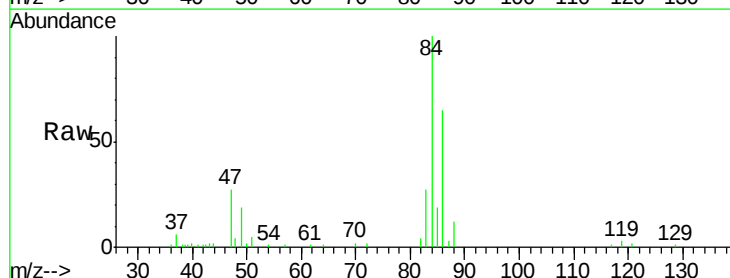
Acq: 30 Jun 2020 15:58

Tgt Ion: 83 Resp: 11093

Ion Ratio Lower Upper

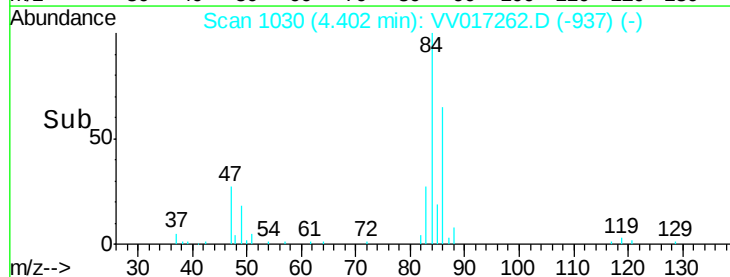
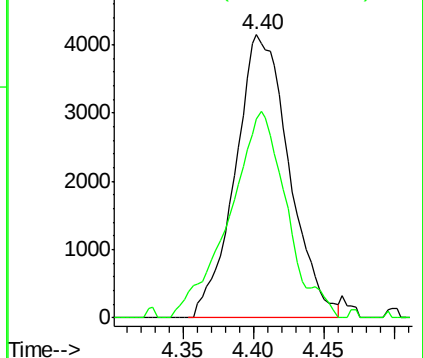
83 100

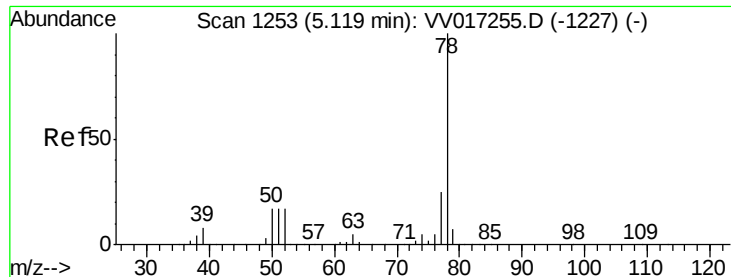
85 70.1 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VV017255.D (-1010) (-)

Ion 85.00 (84.70 to 85.70): VV017255.D (-1010) (-)





#33

Benzene

Concen: 0.130 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VV017262.D

Acq: 30 Jun 2020 15:58

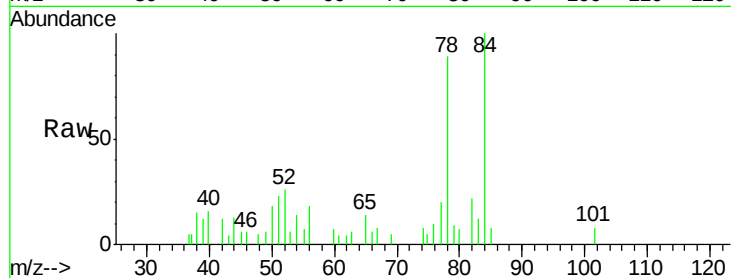
Instrument :

MSVOA_V

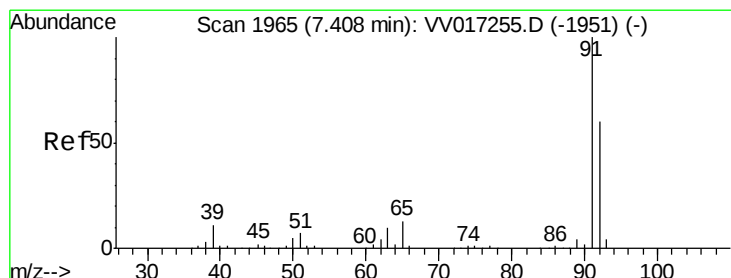
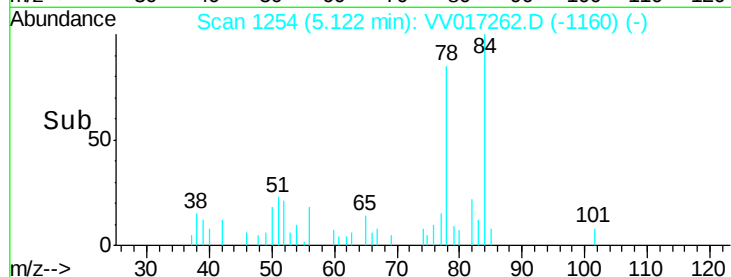
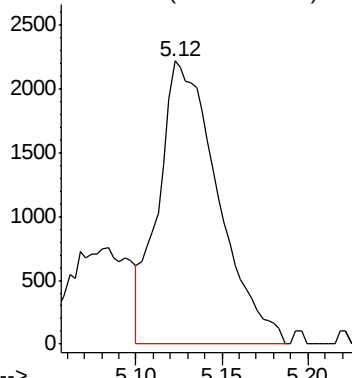
ClientSampleId :

C0AK2

Tgt Ion: 78 Resp: 5337



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 1.288 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV017262.D

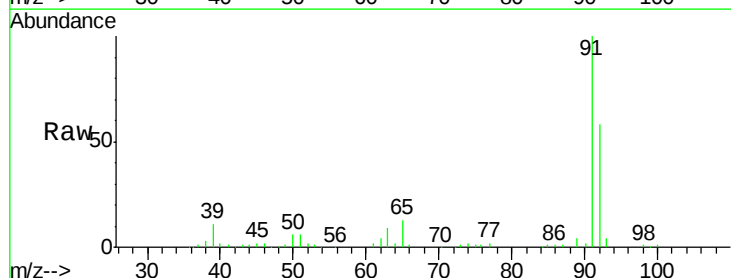
Acq: 30 Jun 2020 15:58

Tgt Ion: 91 Resp: 61234

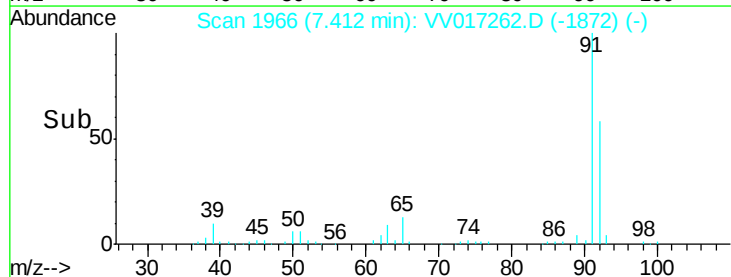
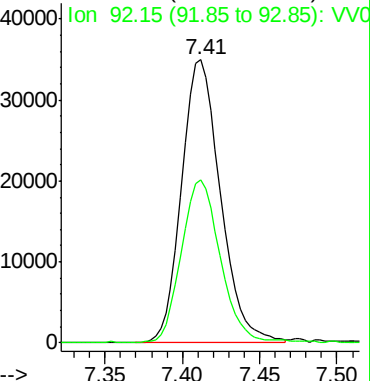
Ion Ratio Lower Upper

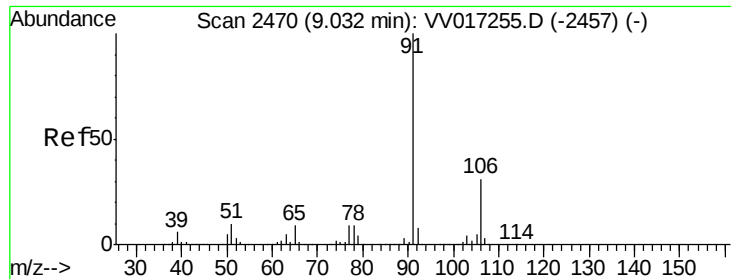
91 100

92 57.6 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0





#54

Ethylbenzene

Concen: 0.114 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV017262.D

Acq: 30 Jun 2020 15:58

Instrument :

MSVOA_V

ClientSampled :

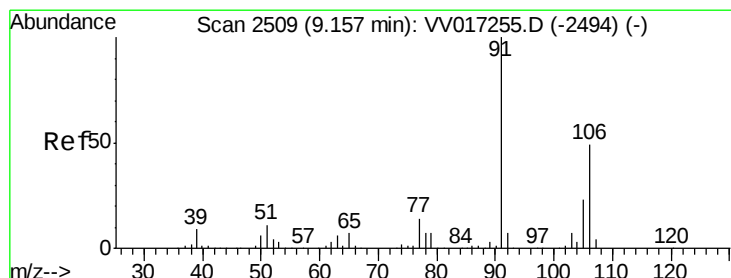
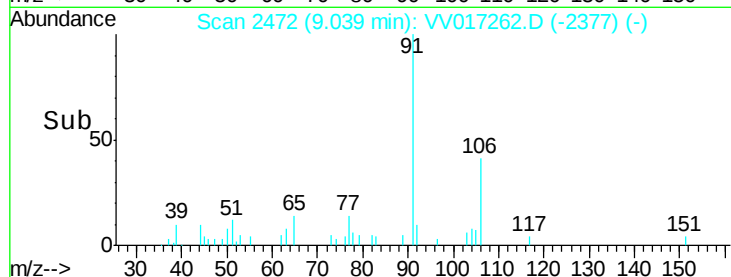
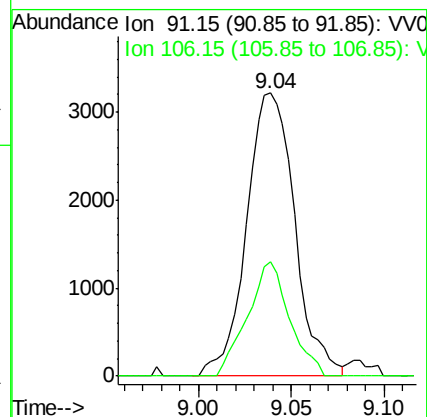
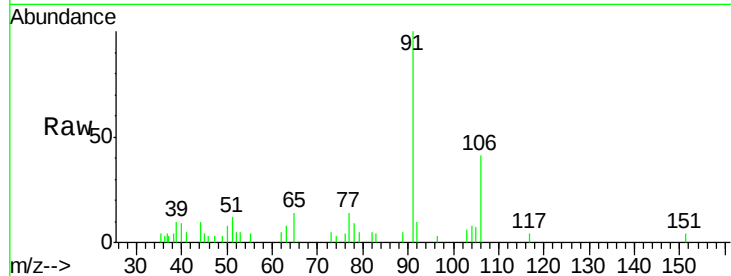
C0AK2

Tot Ion: 91 Resp: 5806

Ion Ratio Lower Upper

91 100

106 40.6 21.1 39.1#



#55

m,p-xylene

Concen: 0.477 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV017262.D

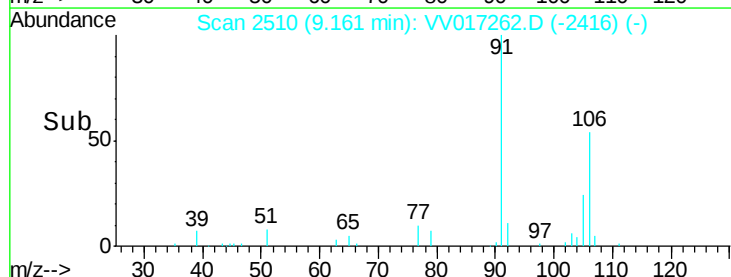
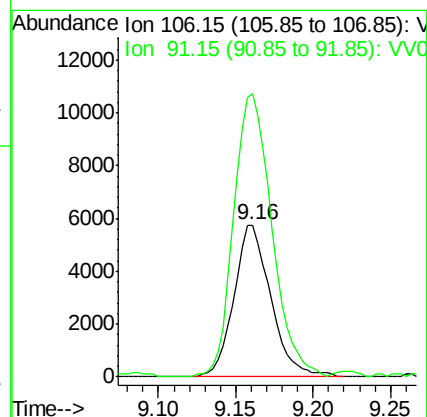
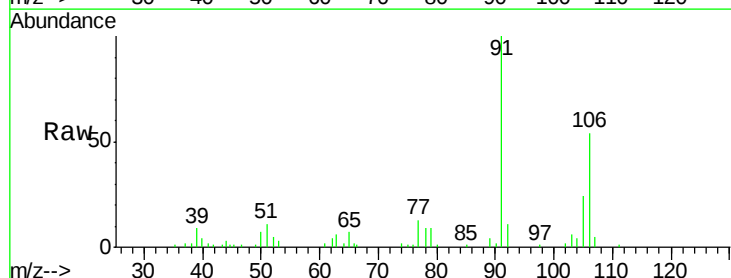
Acq: 30 Jun 2020 15:58

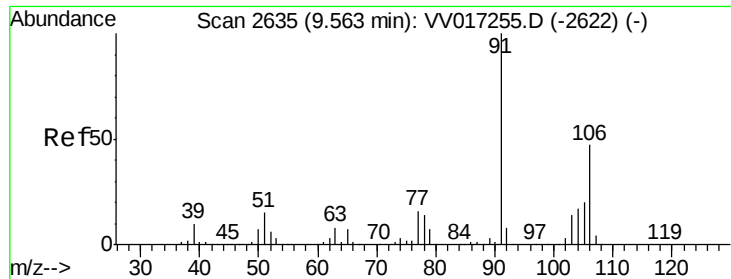
Tgt Ion: 106 Resp: 9504

Ion Ratio Lower Upper

106 100

91 186.4 142.7 264.9





#56
o-xylene
Concen: 0.212 ug/L
RT: 9.57 min Scan# 2637
Delta R.T. 0.01 min
Lab File: VV017262.D
Acq: 30 Jun 2020 15:58

Instrument :
MSVOA_V
ClientSampleId :
C0AK2

Tot Ion:106 Resp: 3941
Ion Ratio Lower Upper
106 100
91 190.5 153.6 285.2

