

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071520\
 Data File : VV071506.D
 Acq On : 15 Jul 2020 12:55
 Operator : SY/MD
 Sample : L3281-20
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXY0

Quant Time: Jul 16 03:11:16 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	143638	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	139993	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75083	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37553	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.58	69	34130	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.13	63	71329	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	3.92	46	90066	52.53	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.06%
24) Chloroform-d	4.38	84	81897	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.06	65	50447	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.08	84	152073	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.10	67	42551	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.34	98	142447	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
45) trans-1,3-Dichloropropene-	7.65	79	19865	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
48) 2-Hexanone-d5	8.11	63	67499	51.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.86%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	32536	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	65673	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	1183	0.102 ug/L #	26
13) Acetone	2.20	43	13759	11.054 ug/L	69
14) Carbon disulfide	2.32	76	12165	0.455 ug/L	99
16) Methylene chloride	2.53	84	2220	0.213 ug/L #	88
18) trans-1,2-Dichloroethene	2.78	96	2520	0.272 ug/L	80
22) cis-1,2-Dichloroethene	3.94	96	293830	29.249 ug/L	99
25) Chloroform	4.42	83	6287	0.325 ug/L	97
30) Cyclohexane	4.70	56	10099	0.670 ug/L	90
33) Benzene	5.13	78	6147	0.165 ug/L	100
35) Methylcyclohexane	6.15	83	19848	1.186 ug/L	90
42) Toluene	7.41	91	15806	0.384 ug/L	98
54) Ethylbenzene	9.04	91	74922	1.592 ug/L	97
55) m,p-xylene	9.16	106	96791	5.437 ug/L	99
56) o-xylene	9.57	106	5754	0.334 ug/L	100
58) Isopropylbenzene	9.96	105	9728	0.200 ug/L #	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071520\
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Sample : L3281-20
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAXY0

Quant Time: Jul 16 03:11:16 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

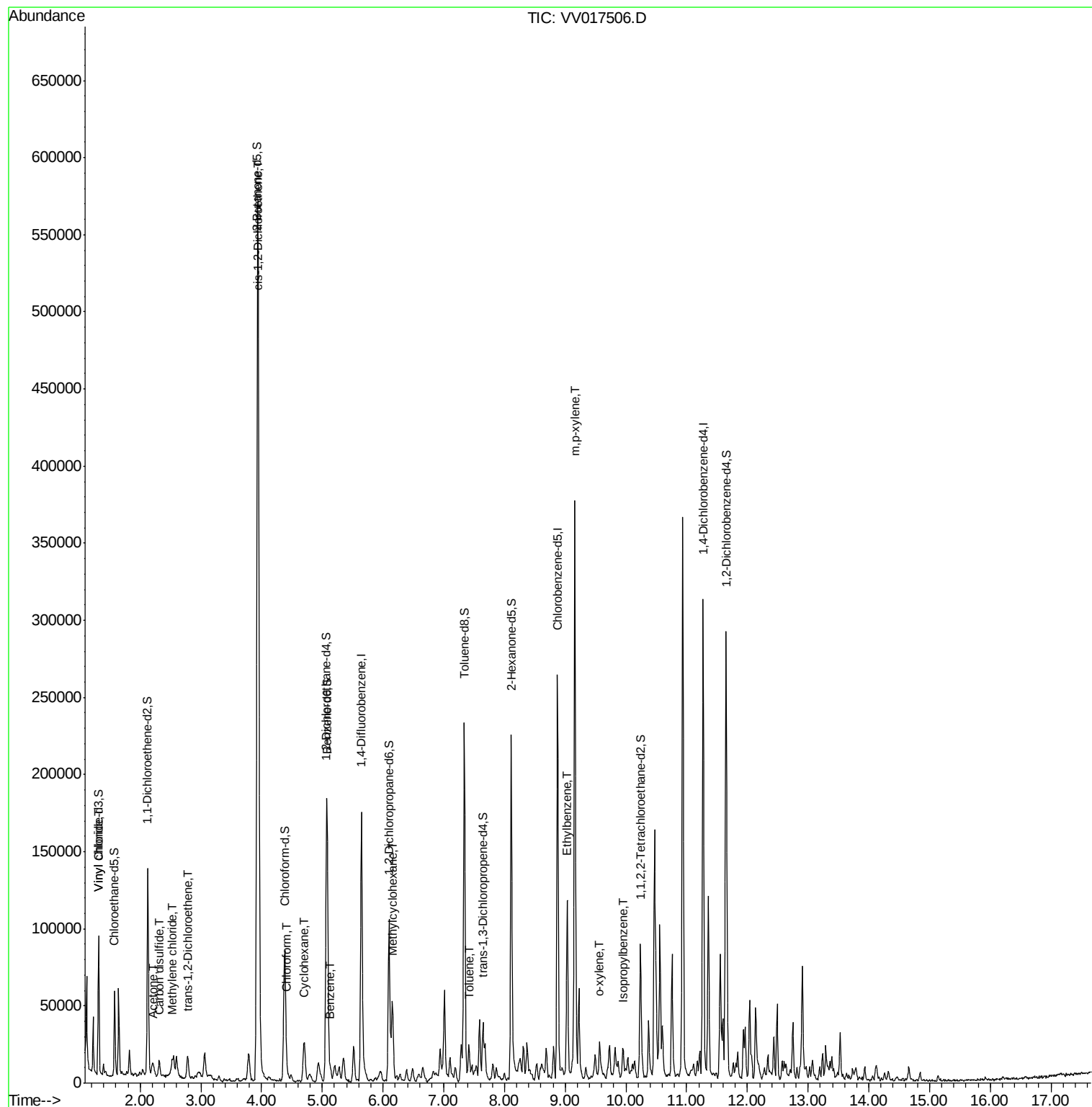
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

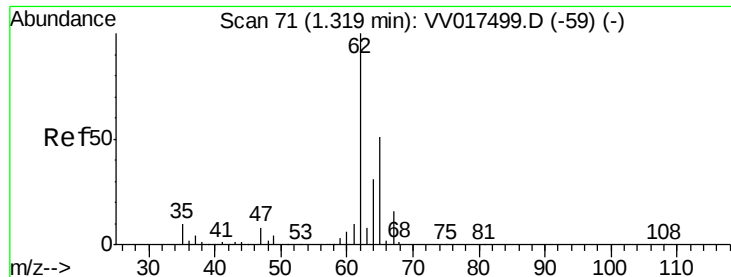
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071520\
Data File : VV017506.D
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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 16 01:29:31 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.102 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV017506.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_V

ClientSampled :

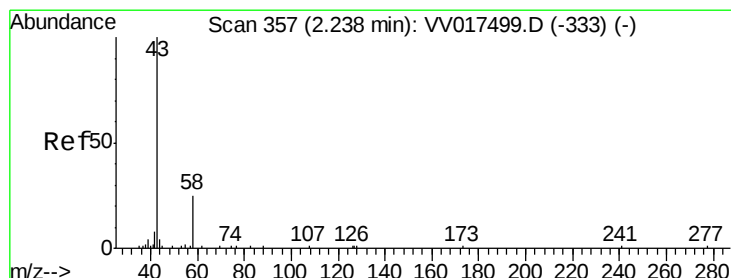
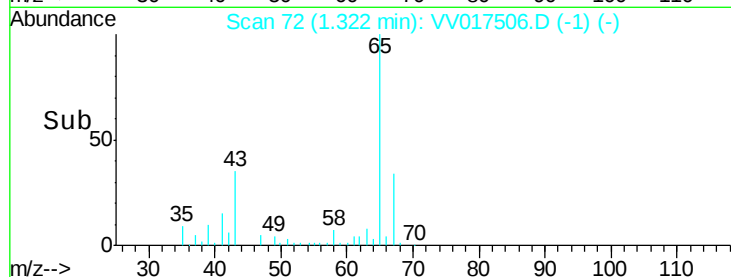
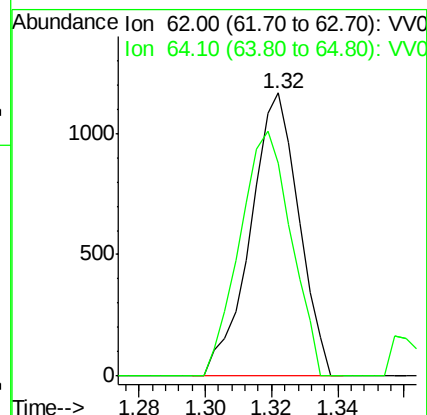
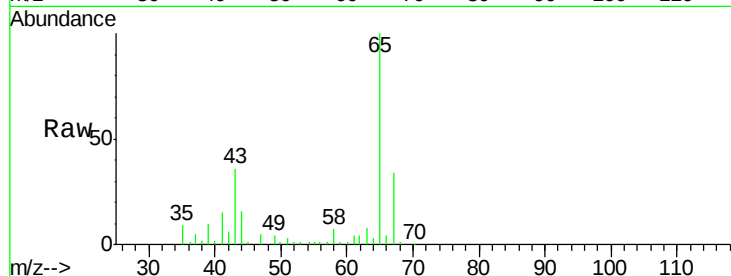
GAXY0

Tot Ion: 62 Resp: 1183

Ion Ratio Lower Upper

62 100

64 75.0 23.2 43.2#



#13

Acetone

Concen: 11.054 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.04 min

Lab File: VV017506.D

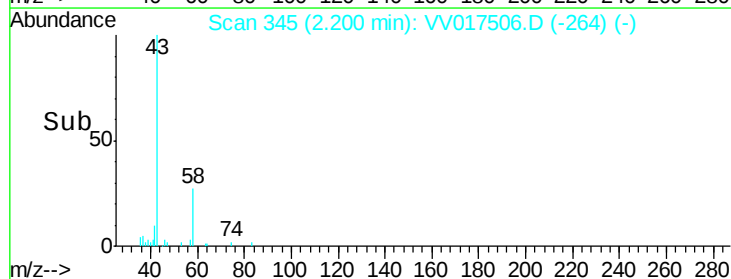
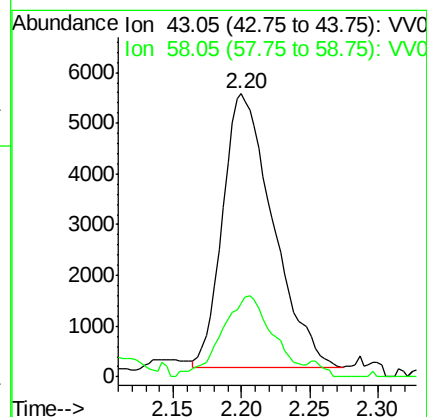
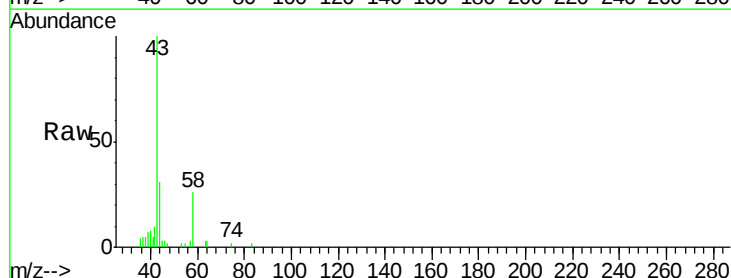
Acq: 15 Jul 2020 12:55

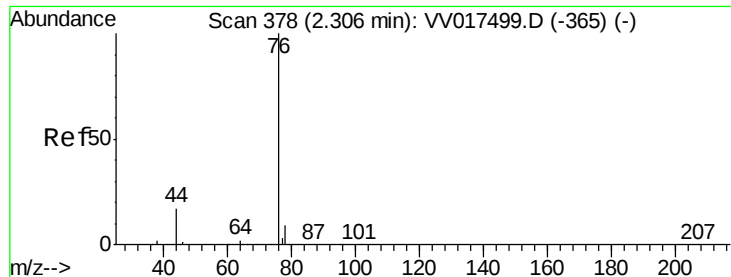
Tgt Ion: 43 Resp: 13759

Ion Ratio Lower Upper

43 100

58 30.1 0.0 33.6





#14

Carbon disulfide

Concen: 0.455 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VV017506.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_V

ClientSampleId :

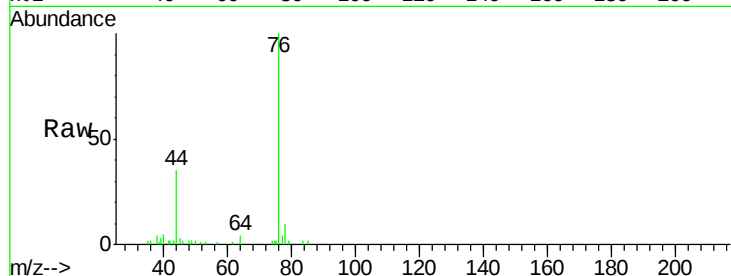
GAXY0

Tot Ion: 76 Resp: 12165

Ion Ratio Lower Upper

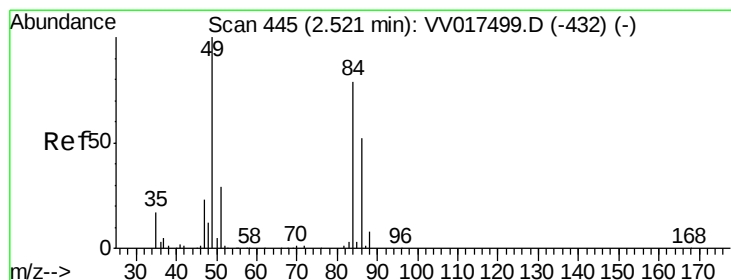
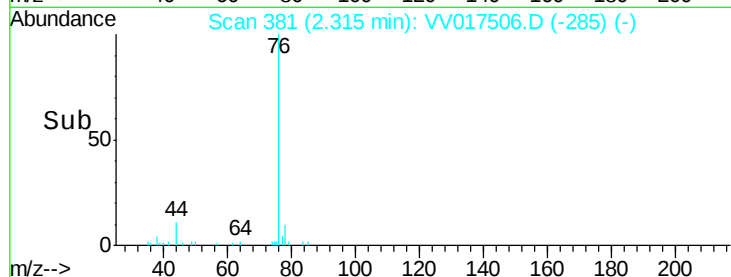
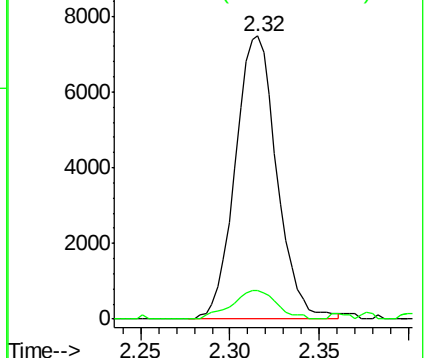
76 100

78 9.9 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: 0.213 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.01 min

Lab File: VV017506.D

Acq: 15 Jul 2020 12:55

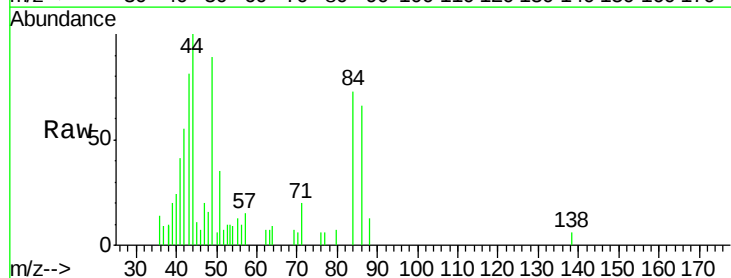
Tgt Ion: 84 Resp: 2220

Ion Ratio Lower Upper

84 100

86 90.1 45.5 84.5#

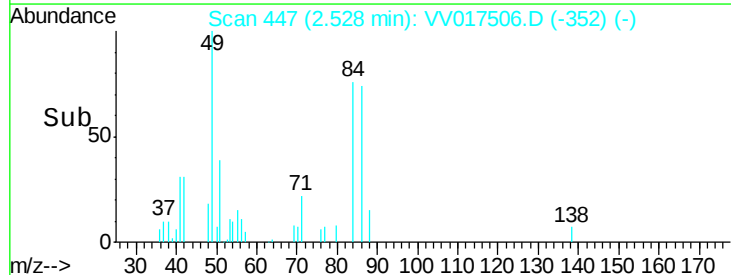
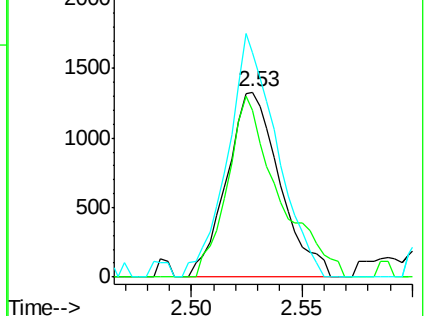
49 121.5 84.6 157.0

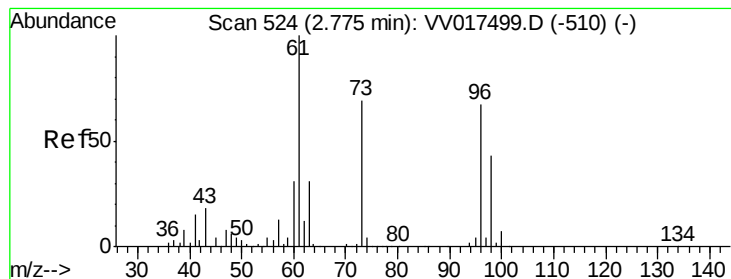


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#18

trans-1,2-Dichloroethene

Concen: 0.272 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV017506.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_V

ClientSampled :

GAXY0

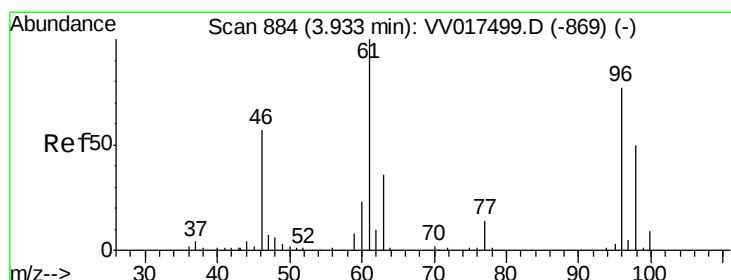
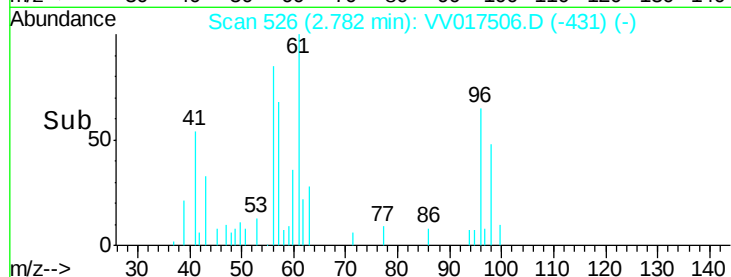
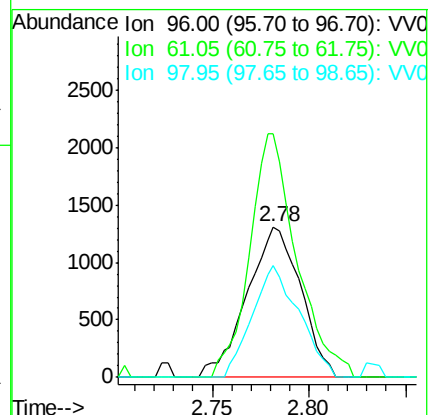
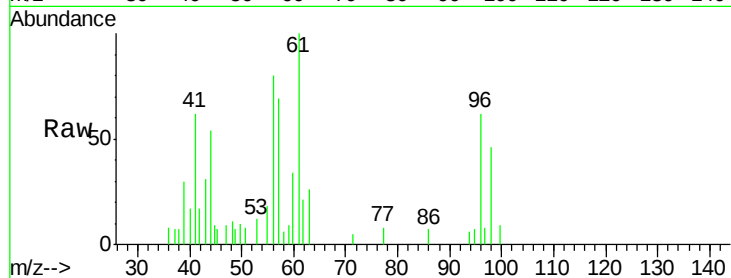
Tot Ion: 96 Resp: 2520

Ion Ratio Lower Upper

96 100

61 162.0 95.1 176.7

98 73.9 43.5 80.7



#22

cis-1,2-Dichloroethene

Concen: 29.249 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV017506.D

Acq: 15 Jul 2020 12:55

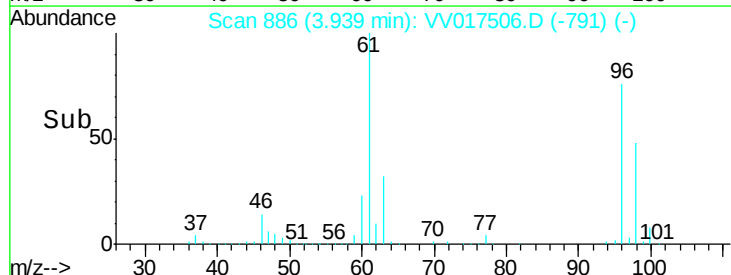
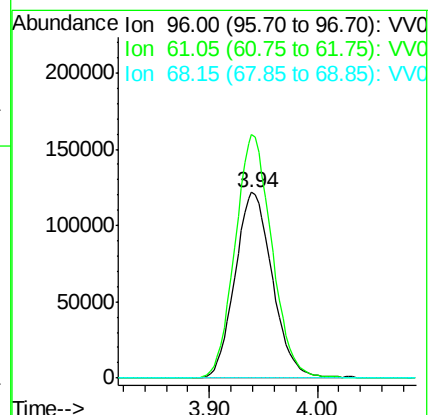
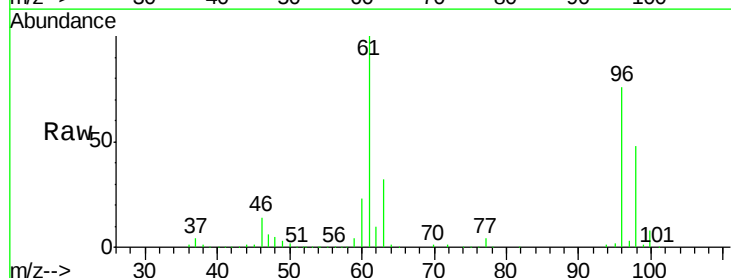
Tgt Ion: 96 Resp: 293830

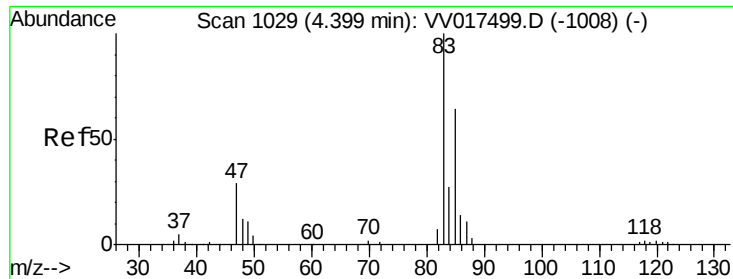
Ion Ratio Lower Upper

96 100

61 131.3 91.5 169.9

68 0.0 0.0 0.0

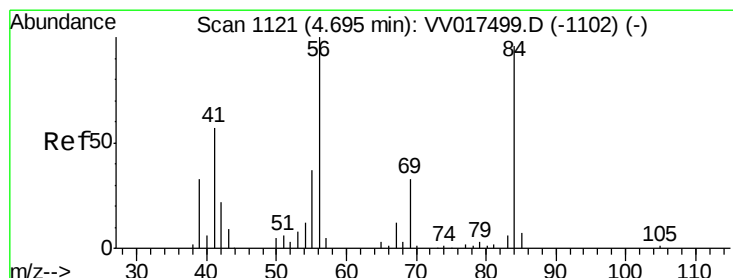
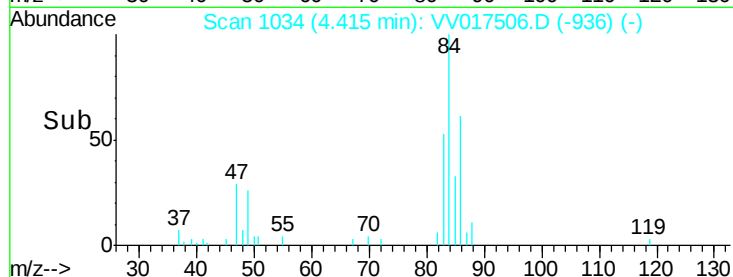
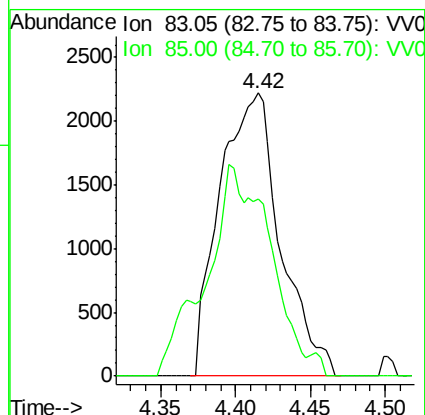
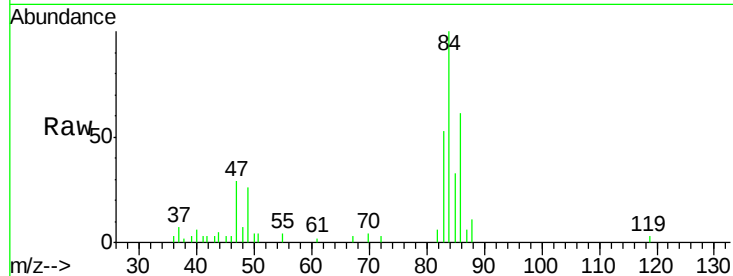




#25
Chloroform
Concen: 0.325 ug/L
RT: 4.42 min Scan# 1034
Delta R.T. 0.02 min
Lab File: VV017506.D
Acq: 15 Jul 2020 12:55

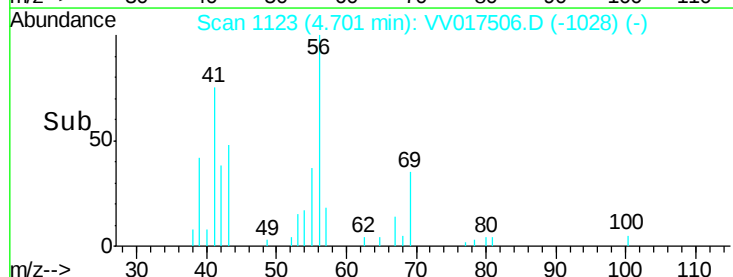
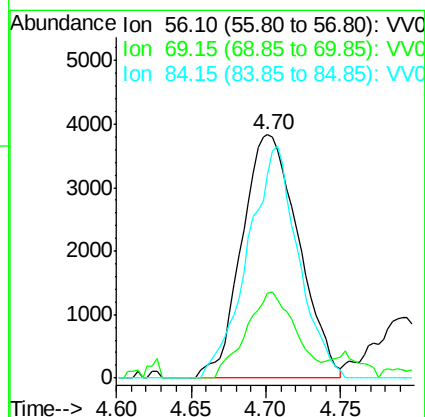
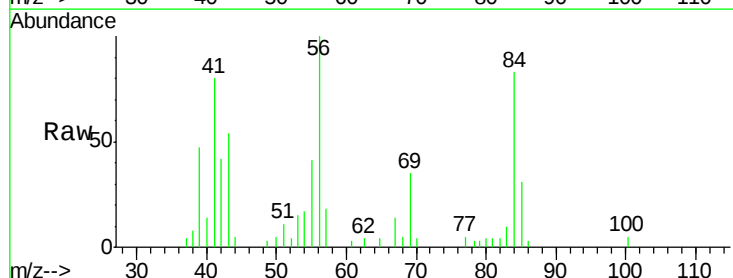
Instrument :
MSVOA_V
ClientSampleId :
GAXY0

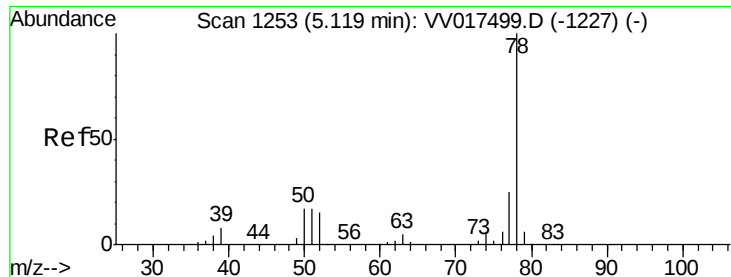
Tot Ion: 83 Resp: 6287
Ion Ratio Lower Upper
83 100
85 62.4 45.4 84.4



#30
Cyclohexane
Concen: 0.670 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VV017506.D
Acq: 15 Jul 2020 12:55

Tgt Ion: 56 Resp: 10099
Ion Ratio Lower Upper
56 100
69 30.8 26.0 39.0
84 85.1 77.9 116.9

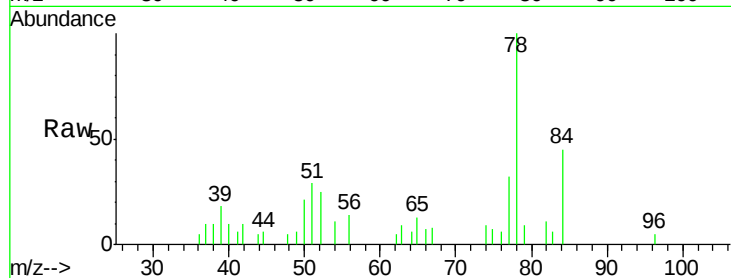




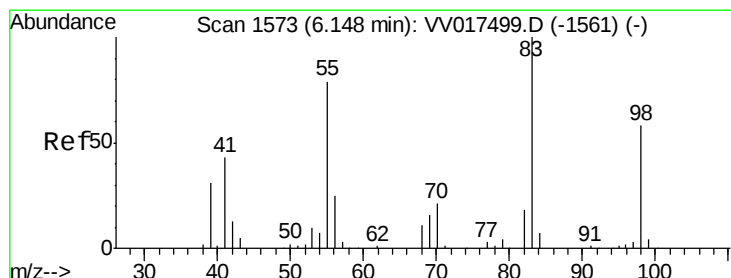
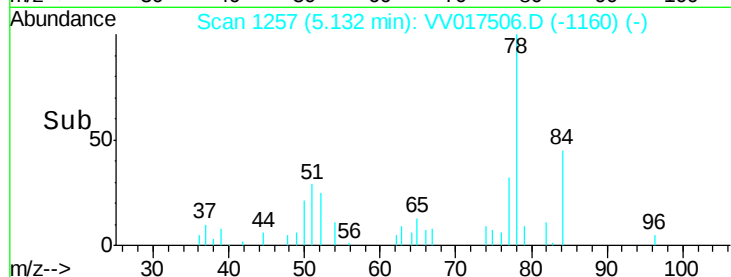
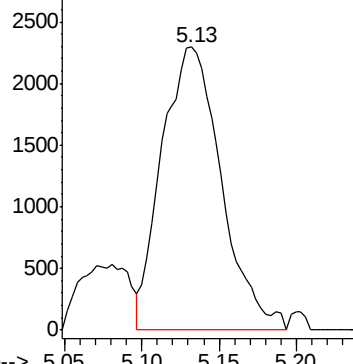
#33
Benzene
Concen: 0.165 ug/L
RT: 5.13 min Scan# 1257
Delta R.T. 0.01 min
Lab File: VV017506.D
Acq: 15 Jul 2020 12:55

Instrument :
MSVOA_V
ClientSampleId :
GAXY0

Tgt Ion: 78 Resp: 6147

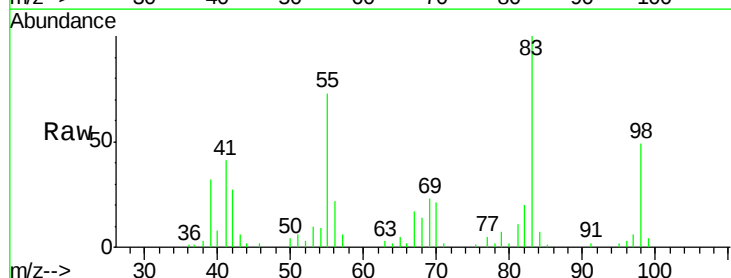


Abundance Ion 78.10 (77.80 to 78.80): VV0



#35
Methylcyclohexane
Concen: 1.186 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VV017506.D
Acq: 15 Jul 2020 12:55

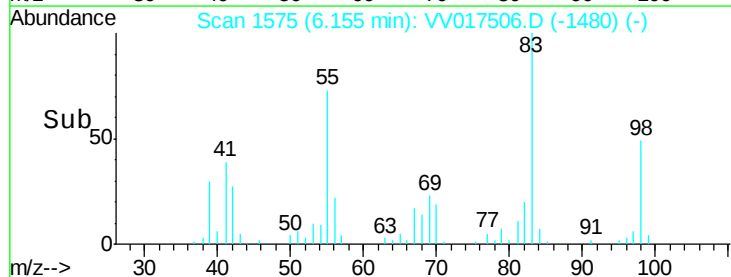
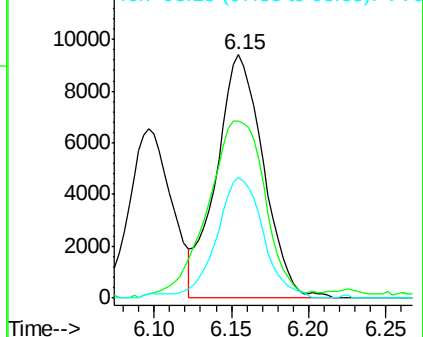
Tgt Ion: 83 Resp: 19848
Ion Ratio Lower Upper
83 100
55 89.5 62.0 93.0
98 49.0 41.4 62.2

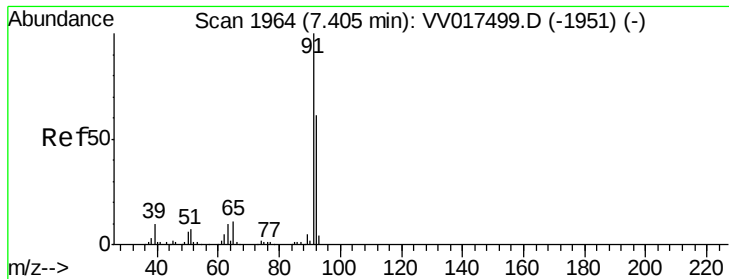


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#42

Toluene

Concen: 0.384 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017506.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_V

ClientSampleId :

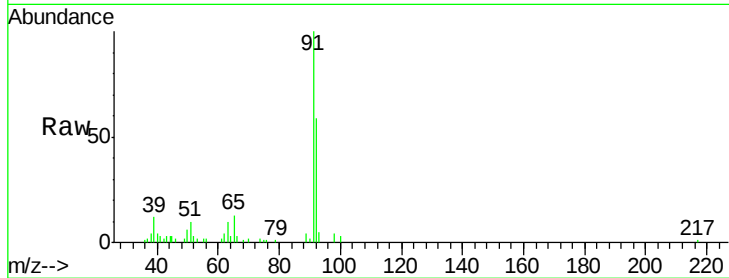
GAXY0

Tot Ion: 91 Resp: 15806

Ion Ratio Lower Upper

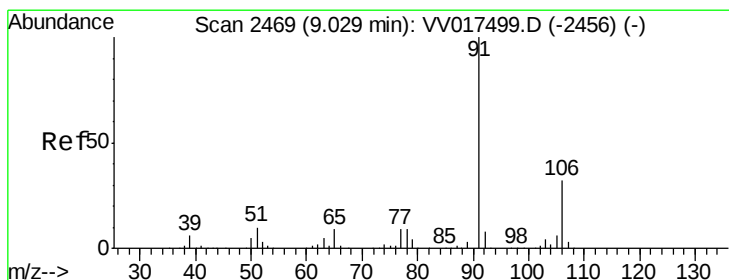
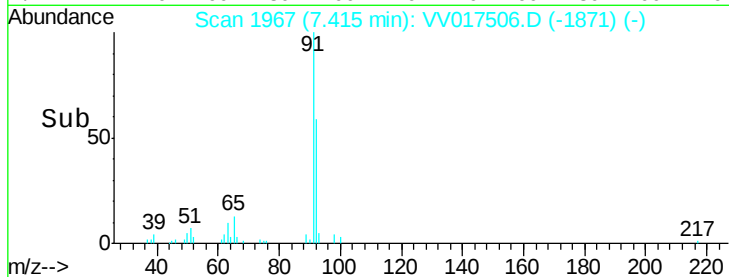
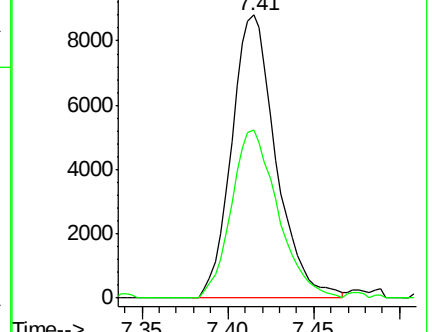
91 100

92 59.4 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: 1.592 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.01 min

Lab File: VV017506.D

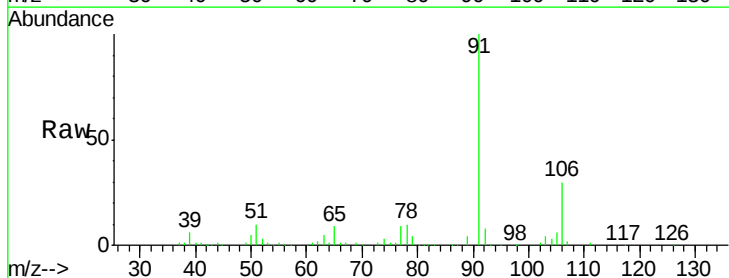
Acq: 15 Jul 2020 12:55

Tgt Ion: 91 Resp: 74922

Ion Ratio Lower Upper

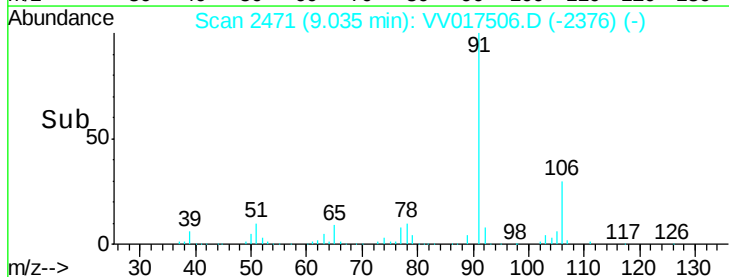
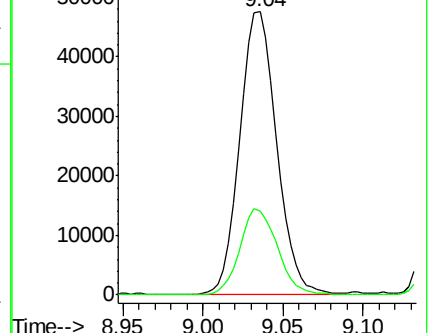
91 100

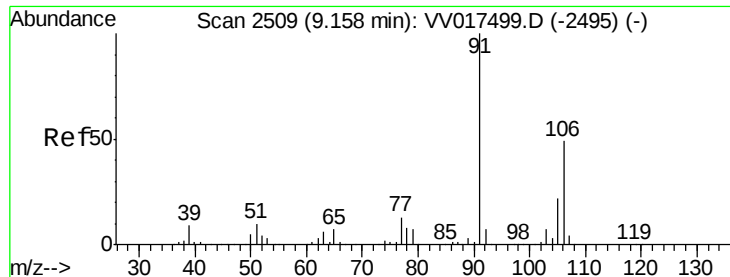
106 29.7 21.9 40.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V





#55

m,p-xylene

Concen: 5.437 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VV017506.D

Acq: 15 Jul 2020 12:55

Instrument :

MSVOA_V

ClientSampleId :

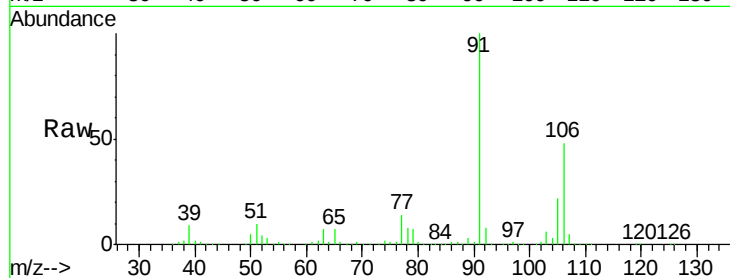
GAXY0

Tot Ion:106 Resp: 96791

Ion Ratio Lower Upper

106 100

91 206.9 144.2 267.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

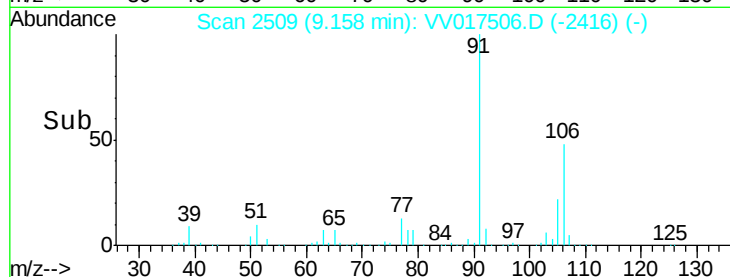
150000

100000

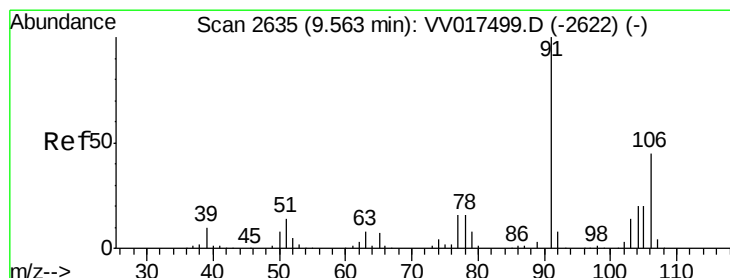
50000

0

9.10 9.15 9.20



Time-->



#56

o-xylene

Concen: 0.334 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.01 min

Lab File: VV017506.D

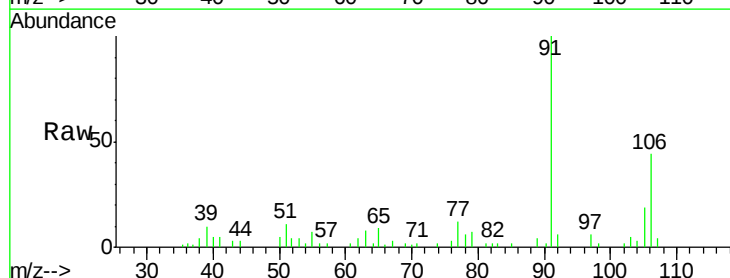
Acq: 15 Jul 2020 12:55

Tgt Ion:106 Resp: 5754

Ion Ratio Lower Upper

106 100

91 226.8 158.8 294.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

8000

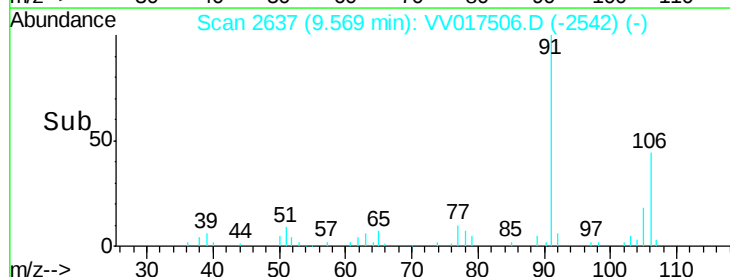
6000

4000

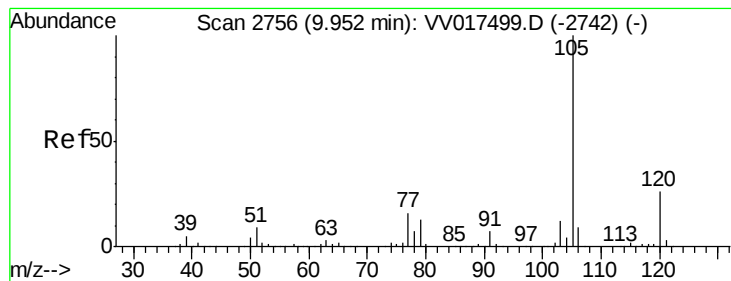
2000

0

9.50 9.55 9.60



Time-->



#58

Isopropylbenzene

Concen: 0.200 ug/L

RT: 9.96 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV017506.D

Acq: 15 Jul 2020 12:55

Instrument :
MSVOA_V
ClientSampleId :
GAXY0

Tot Ion:	105	Resp:	9728
Ion	Ratio	Lower	Upper
105	100		
120	28.1	21.3	31.9
77	21.1	13.3	19.9

