

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070620\
 Data File : VV017354.D
 Acq On : 06 Jul 2020 16:05
 Operator : SY/MD
 Sample : L3168-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ9

Quant Time: Jul 07 03:25:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 01:14:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	164239	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	159806	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81338	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41423	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.58	69	35634	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.13	63	68613	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	3.93	46	101109	40.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.50%
24) Chloroform-d	4.38	84	96511	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.06	65	52058	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.08	84	172181	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.10	67	49496	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.80%
41) Toluene-d8	7.34	98	160537	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
45) trans-1,3-Dichloropropene-	7.64	79	21956	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
48) 2-Hexanone-d5	8.11	63	65138	33.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.14%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	33391	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	67384	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

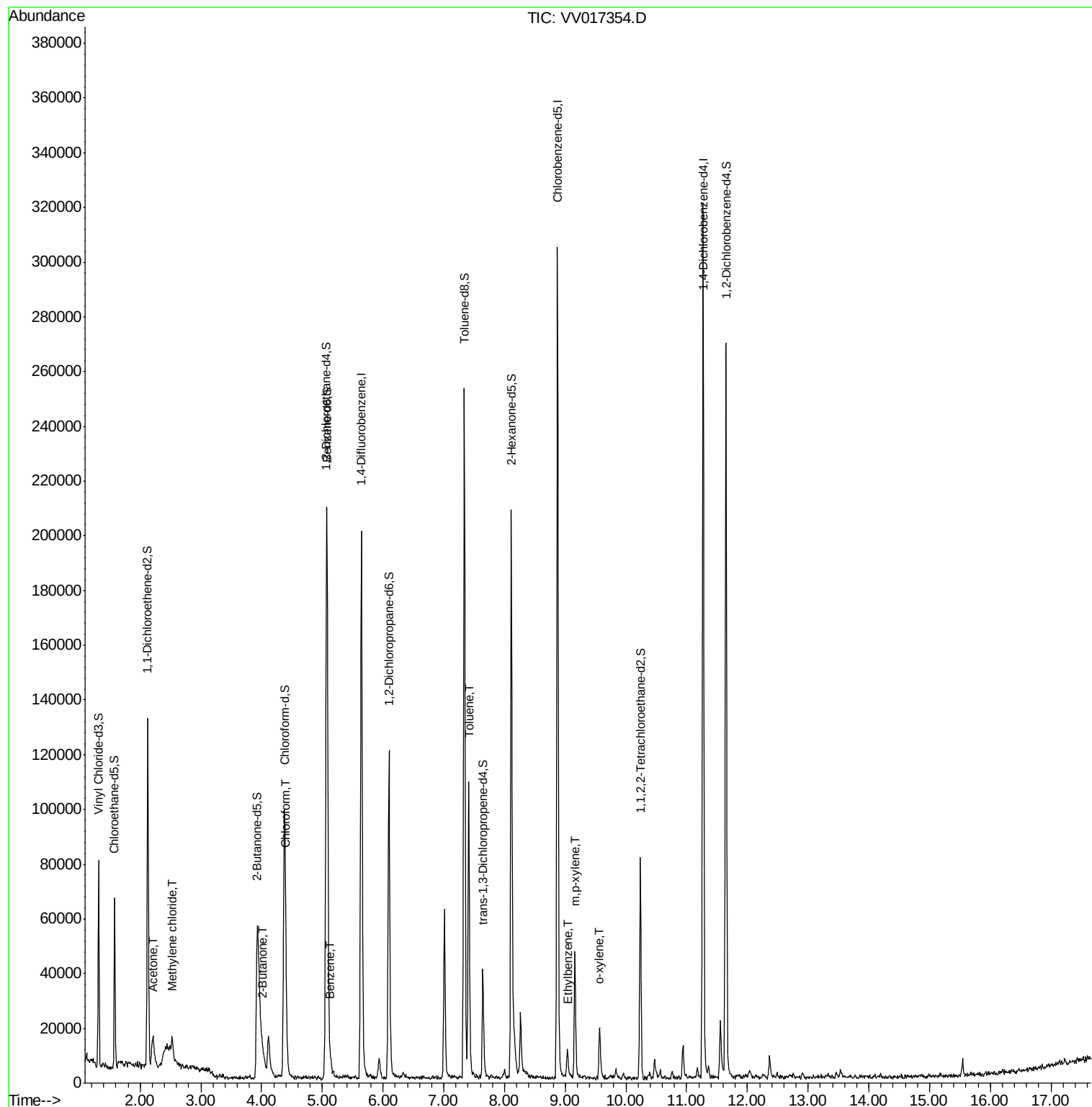
					Ovalue
13) Acetone	2.20	43	22546	17.753	ug/L 95
16) Methylene chloride	2.52	84	2556	0.303	ug/L 91
21) 2-Butanone	4.03	43	8682	3.627	ug/L 91
25) Chloroform	4.41	83	13018	0.635	ug/L 95
33) Benzene	5.13	78	6043	0.144	ug/L 100
42) Toluene	7.41	91	76315	1.568	ug/L 98
54) Ethylbenzene	9.04	91	6904	0.133	ug/L 93
55) m,p-xylene	9.16	106	12766	0.627	ug/L 96
56) o-xylene	9.57	106	4386	0.231	ug/L 96

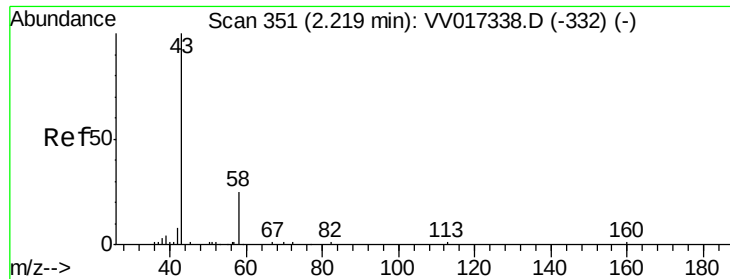
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 07 01:14:17 2020
Response via : Initial Calibration





#13

Acetone

Concen: 17.753 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.02 min

Lab File: VV017354.D

Acq: 06 Jul 2020 16:05

Instrument :

MSVOA_V

ClientSampleId :

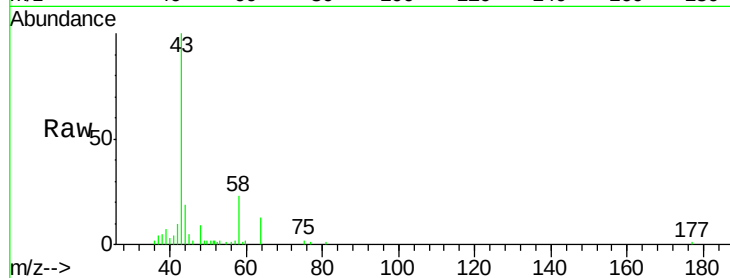
C0AJ9

Tot Ion: 43 Resp: 22546

Ion Ratio Lower Upper

43 100

58 26.3 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV017338.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV017338.D (-332) (-)

8000

6000

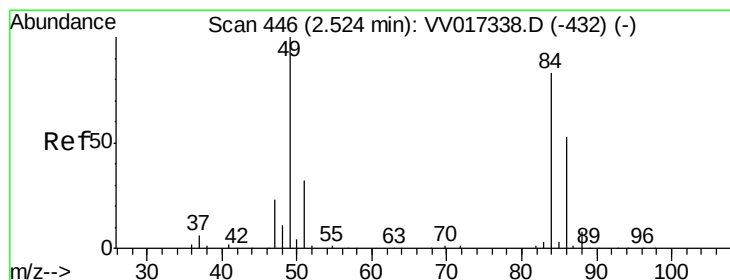
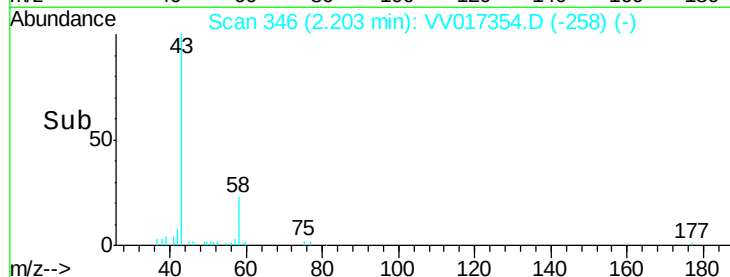
4000

2000

0

Time-->

2.10 2.20 2.30



#16

Methylene chloride

Concen: 0.303 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV017354.D

Acq: 06 Jul 2020 16:05

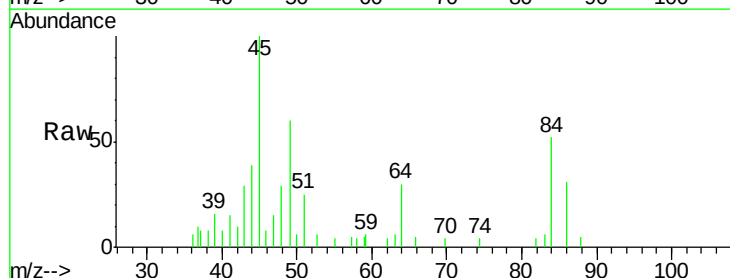
Tgt Ion: 84 Resp: 2556

Ion Ratio Lower Upper

84 100

86 60.5 45.8 85.0

49 116.0 89.6 166.4



Abundance Ion 84.05 (83.75 to 84.75): VV017338.D (-432) (-)

Ion 86.00 (85.70 to 86.70): VV017338.D (-432) (-)

Ion 49.10 (48.80 to 49.80): VV017338.D (-432) (-)

2500

2000

1500

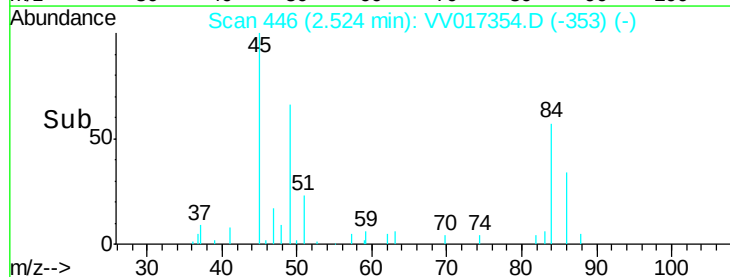
1000

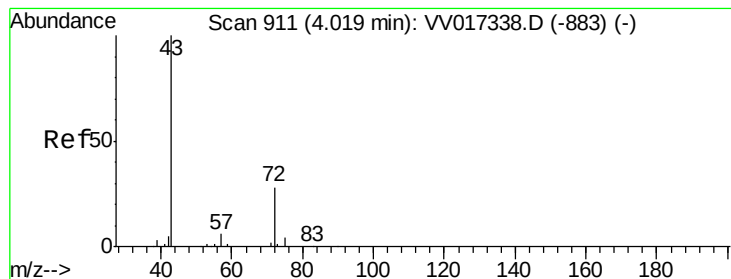
500

0

Time-->

2.50 2.55





#21

2-Butanone

Concen: 3.627 ug/L

RT: 4.03 min Scan# 913

Delta R.T. 0.01 min

Lab File: VV017354.D

Acq: 06 Jul 2020 16:05

Instrument :

MSVOA_V

ClientSampleId :

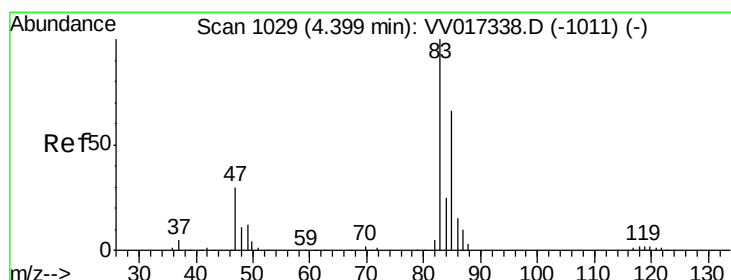
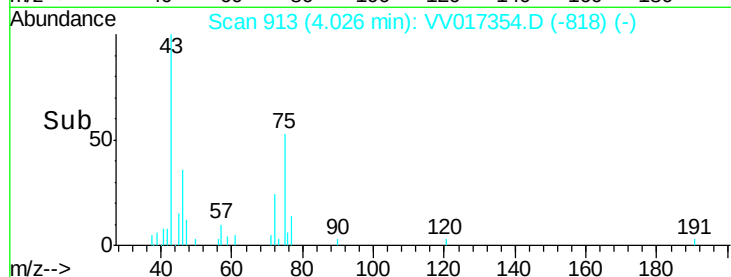
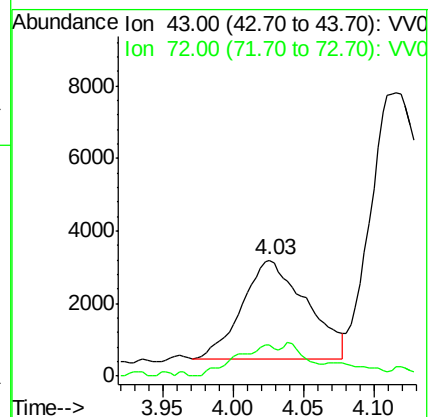
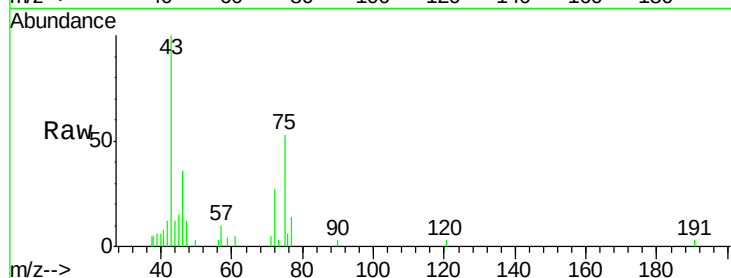
C0AJ9

Tot Ion: 43 Resp: 8682

Ion Ratio Lower Upper

43 100

72 20.4 12.4 37.4



#25

Chloroform

Concen: 0.635 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV017354.D

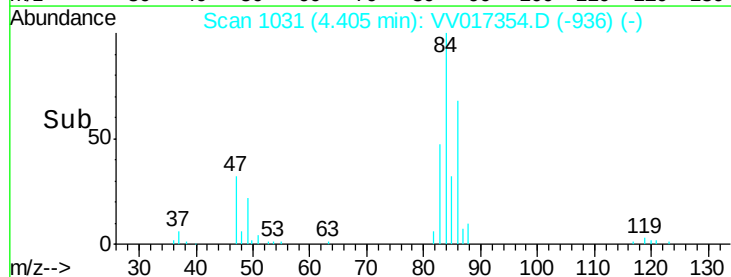
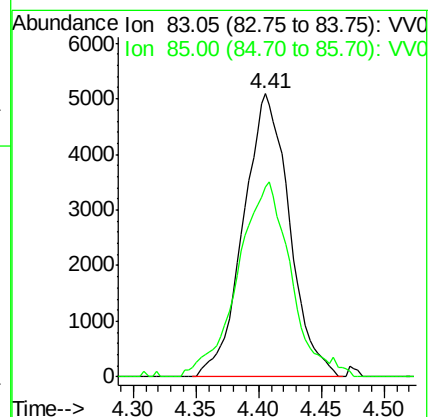
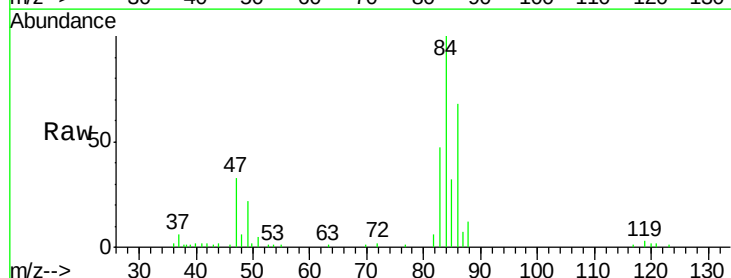
Acq: 06 Jul 2020 16:05

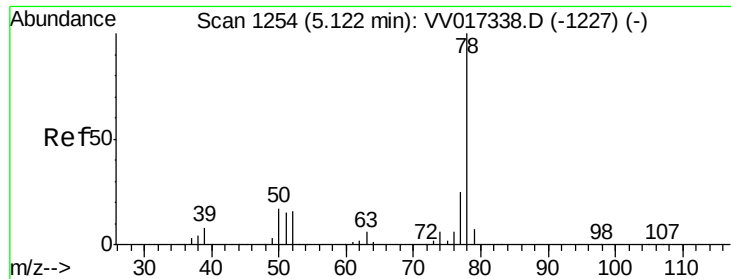
Tgt Ion: 83 Resp: 13018

Ion Ratio Lower Upper

83 100

85 67.2 44.2 82.2





#33

Benzene

Concen: 0.144 ug/L

RT: 5.13 min Scan# 1257

Delta R.T. 0.01 min

Lab File: VV017354.D

Acq: 06 Jul 2020 16:05

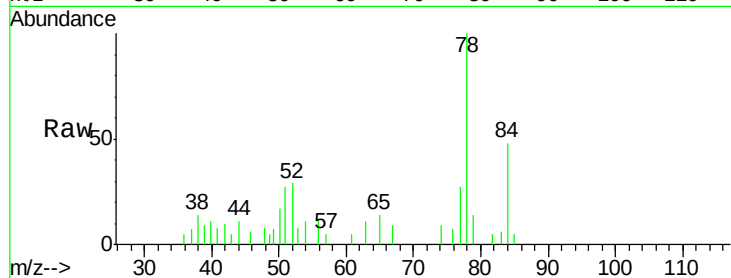
Instrument :

MSVOA_V

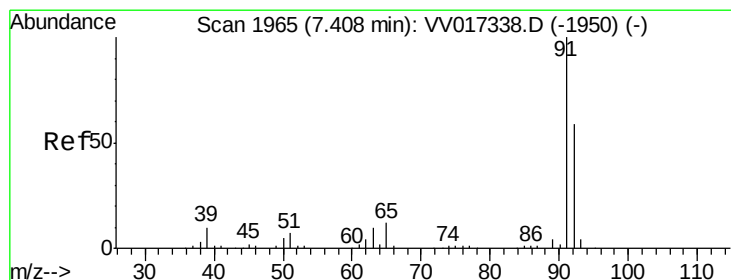
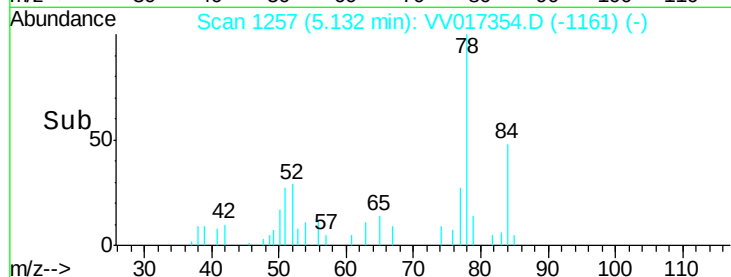
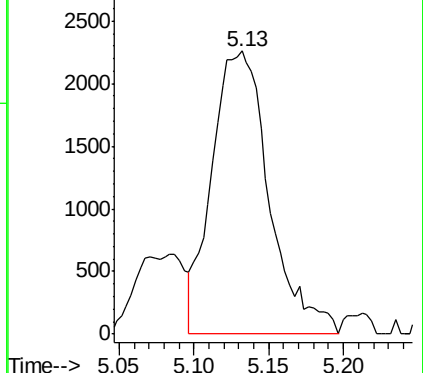
ClientSampleId :

C0AJ9

Tgt Ion: 78 Resp: 6043



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 1.568 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV017354.D

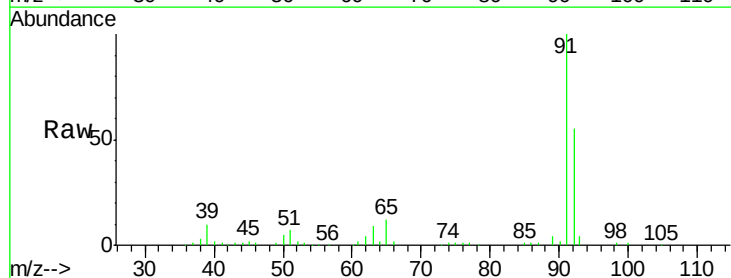
Acq: 06 Jul 2020 16:05

Tgt Ion: 91 Resp: 76315

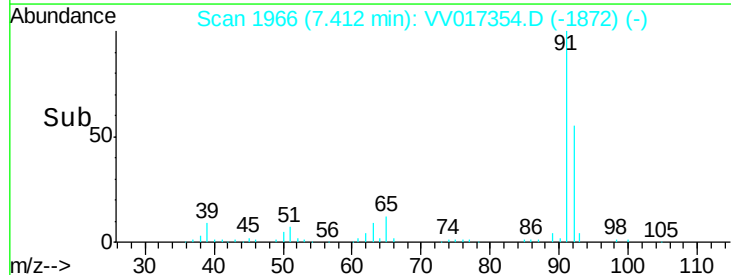
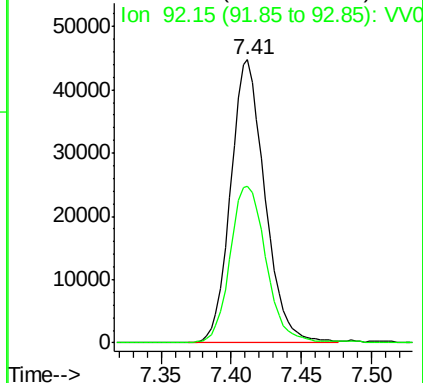
Ion Ratio Lower Upper

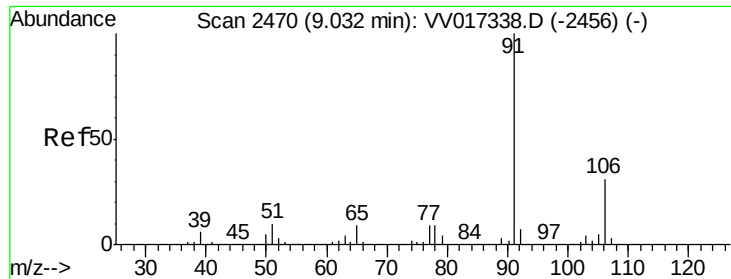
91 100

92 55.4 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0





#54

Ethylbenzene

Concen: 0.133 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV017354.D

Acq: 06 Jul 2020 16:05

Instrument :

MSVOA_V

ClientSampleId :

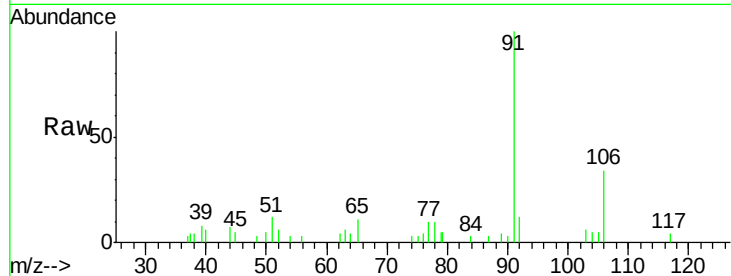
C0AJ9

Tot Ion: 91 Resp: 6904

Ion Ratio Lower Upper

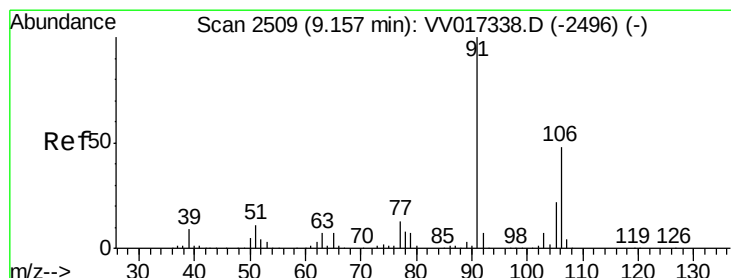
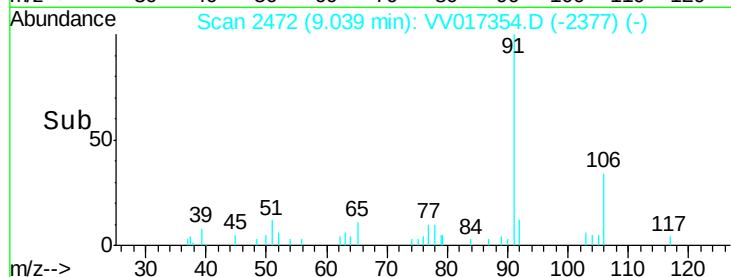
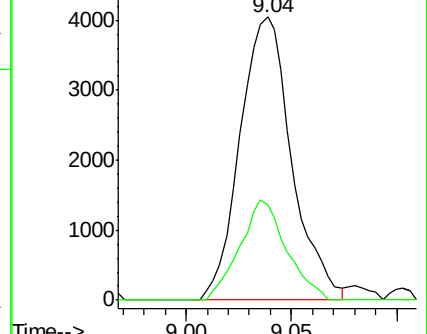
91 100

106 33.8 21.1 39.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): VV0



#55

m,p-xylene

Concen: 0.627 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV017354.D

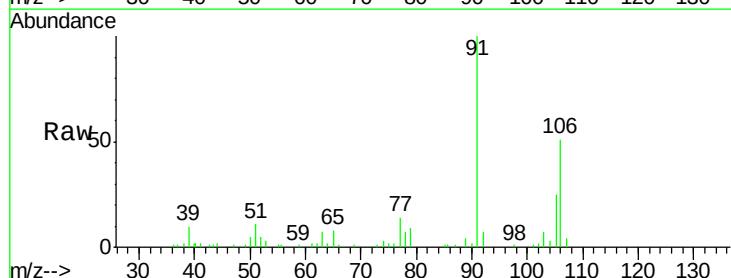
Acq: 06 Jul 2020 16:05

Tgt Ion: 106 Resp: 12766

Ion Ratio Lower Upper

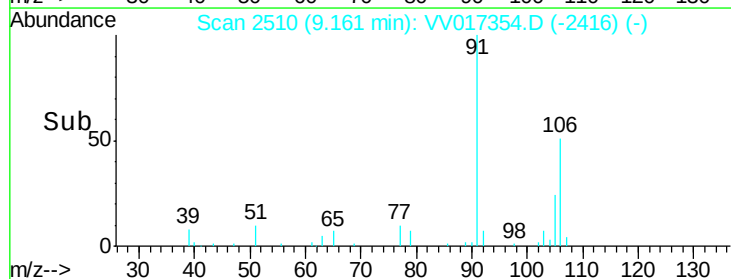
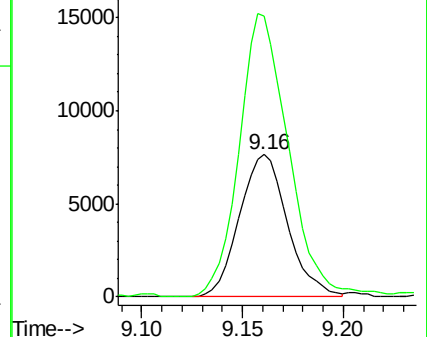
106 100

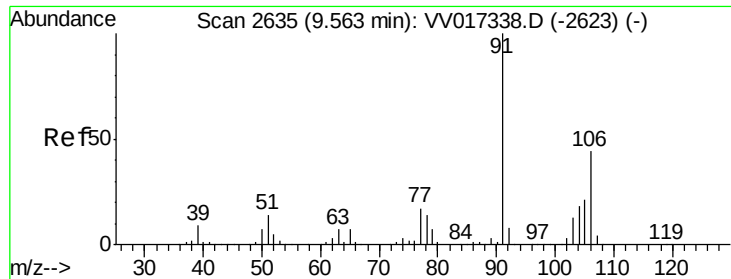
91 197.5 142.7 264.9



Abundance Ion 106.15 (105.85 to 106.85): VV0

Ion 91.15 (90.85 to 91.85): VV0





#56
o-xylene
Concen: 0.231 ug/L
RT: 9.57 min Scan# 2637
Delta R.T. 0.01 min
Lab File: VV017354.D
Acq: 06 Jul 2020 16:05

Instrument :
MSVOA_V
ClientSampleId :
C0AJ9

Tot Ion:106 Resp: 4386
Ion Ratio Lower Upper
106 100
91 213.5 153.6 285.2

