

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071420\
 Data File : VV017480.D
 Acq On : 14 Jul 2020 13:43
 Operator : SY/MD
 Sample : L3281-02MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXW3MS

Quant Time: Jul 15 03:29:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 02:49:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	145505	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	139819	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	69439	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40237	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.58	69	32148	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.13	63	87725	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.80%
20) 2-Butanone-d5	3.92	46	86616	49.87	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.74%
24) Chloroform-d	4.38	84	83638	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.06	65	49015	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.08	84	152935	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.10	67	43601	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.34	98	144363	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
45) trans-1,3-Dichloropropene-	7.64	79	20153	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
48) 2-Hexanone-d5	8.11	63	62889	48.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.88%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	30047	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	59881	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

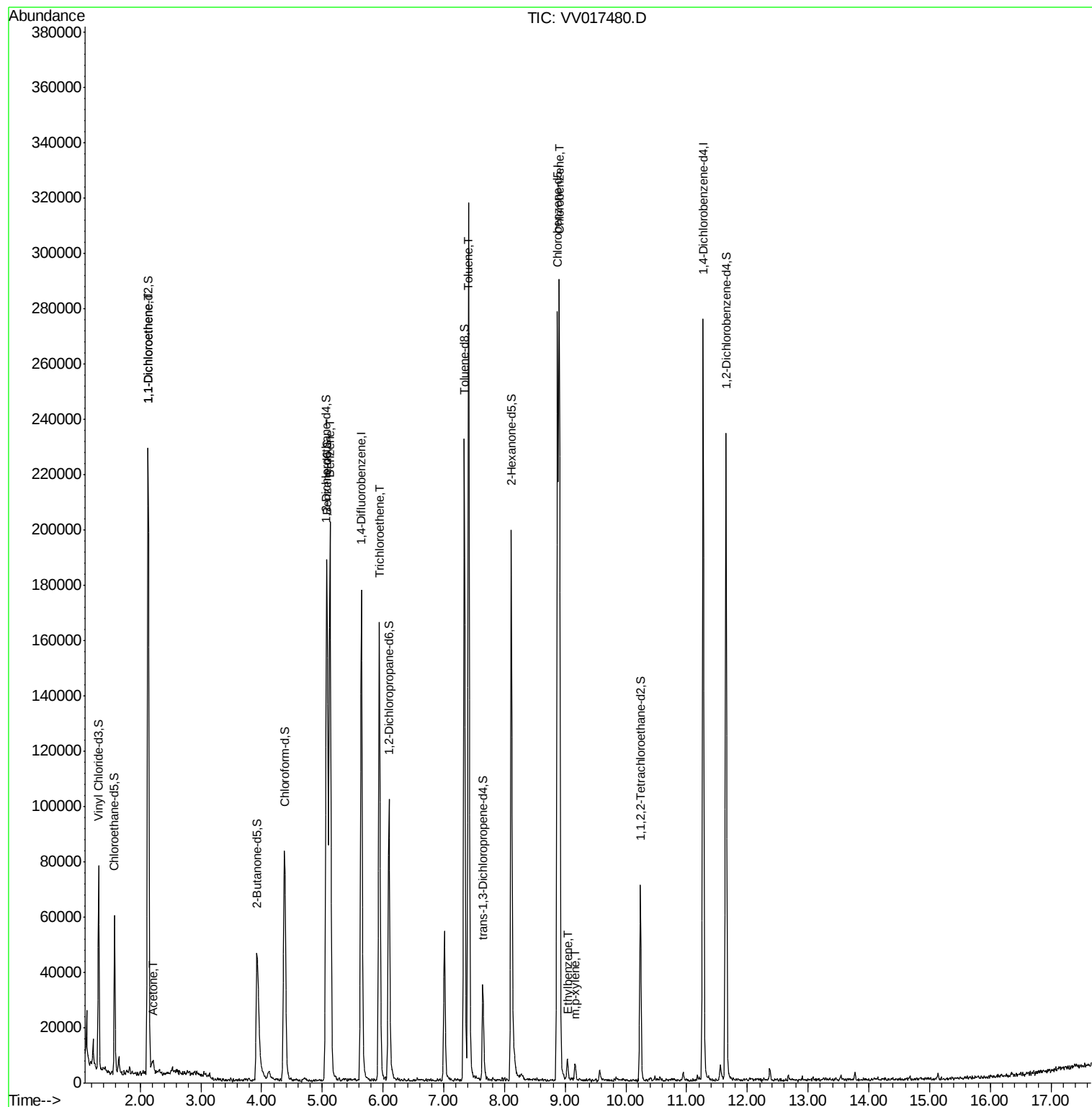
					Ovalue
12) 1,1-Dichloroethene	2.14	96	43554	4.975 ug/L	95
13) Acetone	2.21	43	8216	6.516 ug/L	81
33) Benzene	5.13	78	191435	5.146 ug/L	100
34) Trichloroethene	5.94	95	54153	4.768 ug/L	97
42) Toluene	7.41	91	222660	5.420 ug/L	98
53) Chlorobenzene	8.90	112	145095	5.273 ug/L	98
54) Ethylbenzene	9.04	91	4834	0.103 ug/L	88
55) m,p-xylene	9.16	106	1734	0.098 ug/L	96

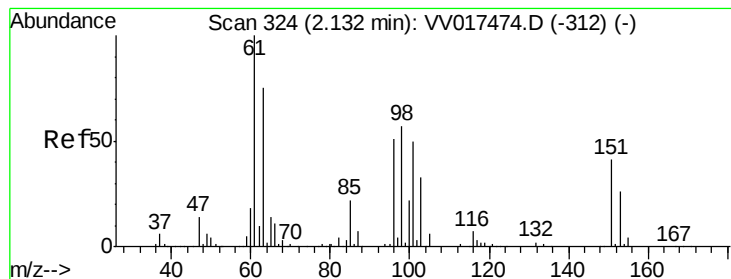
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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GAXW3MS

Quant Time: Jul 15 03:29:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 02:49:58 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.975 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV017480.D

Acq: 14 Jul 2020 13:43

Instrument :

MSVOA_V

ClientSampled :

GAXW3MS

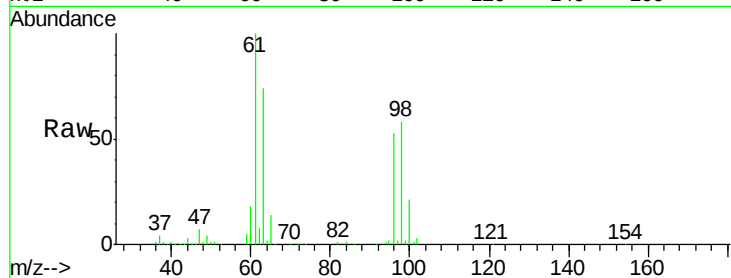
Tot Ion: 96 Resp: 43554

Ion Ratio Lower Upper

96 100

61 189.0 137.2 254.8

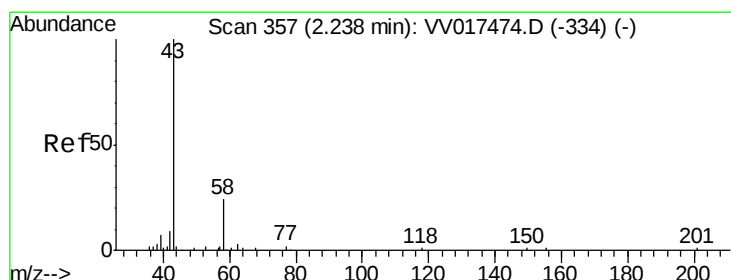
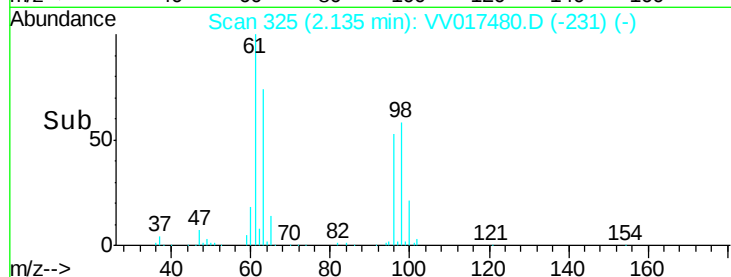
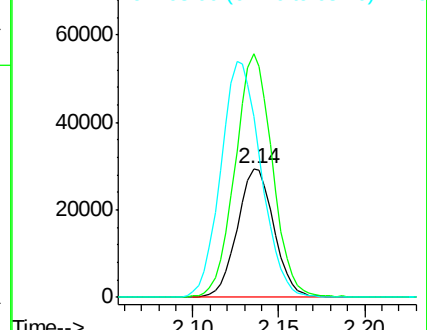
63 140.3 103.6 192.4



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 6.516 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.03 min

Lab File: VV017480.D

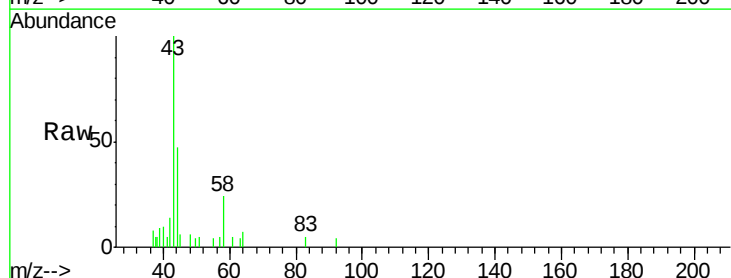
Acq: 14 Jul 2020 13:43

Tgt Ion: 43 Resp: 8216

Ion Ratio Lower Upper

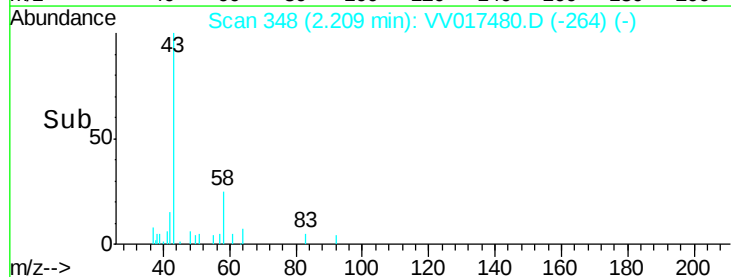
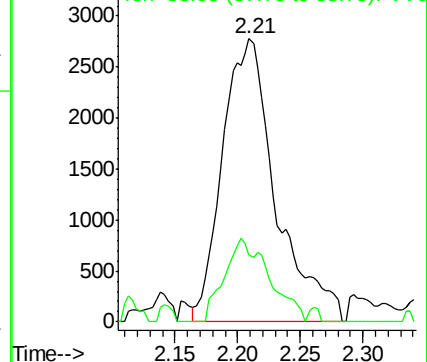
43 100

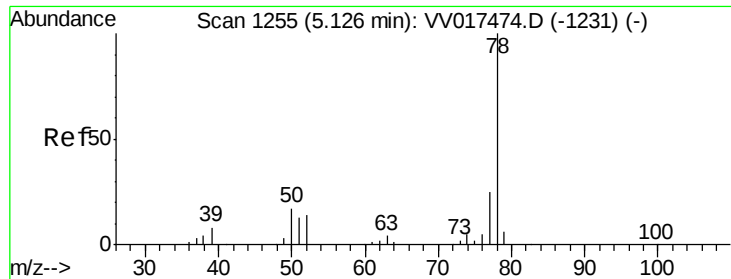
58 25.0 0.0 33.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

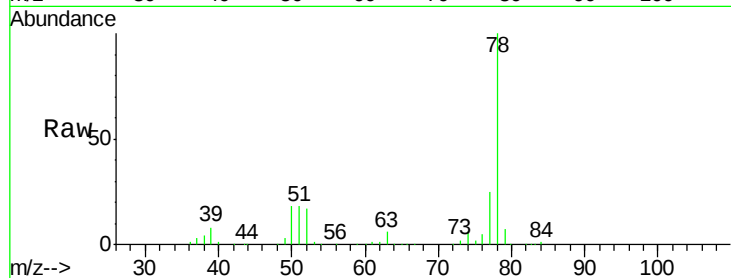




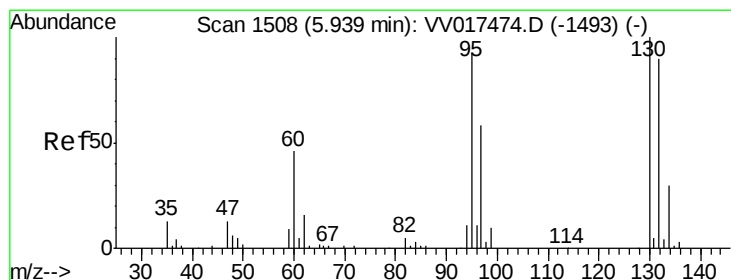
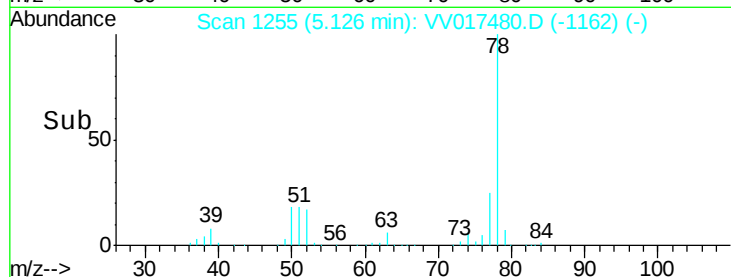
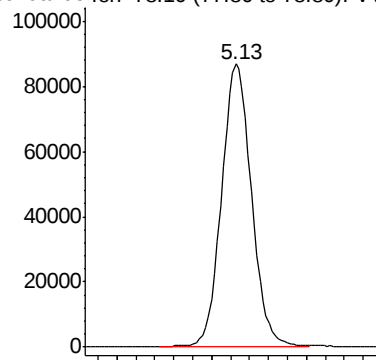
#33
Benzene
Concen: 5.146 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV017480.D
Acq: 14 Jul 2020 13:43

Instrument :
MSVOA_V
ClientSampleId :
GAXW3MS

Tgt Ion: 78 Resp: 191435

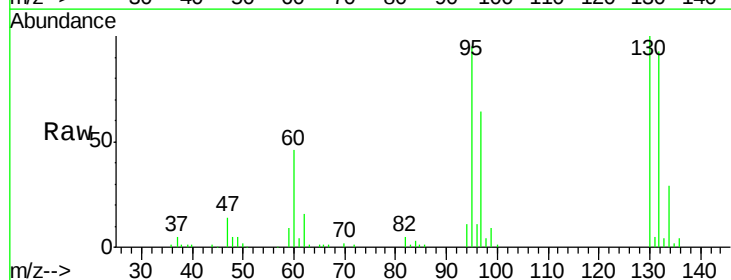


Abundance Ion 78.10 (77.80 to 78.80): VV0



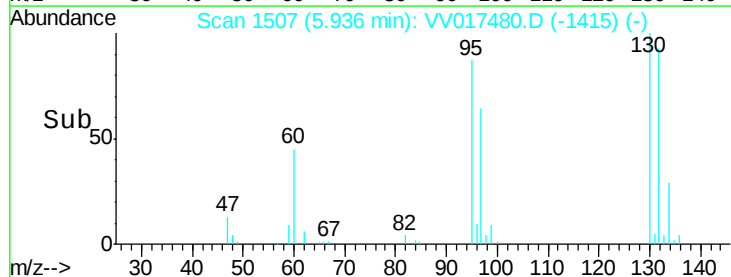
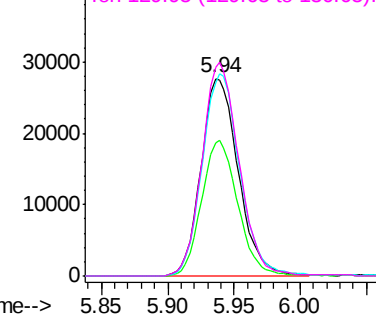
#34
Trichloroethene
Concen: 4.768 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV017480.D
Acq: 14 Jul 2020 13:43

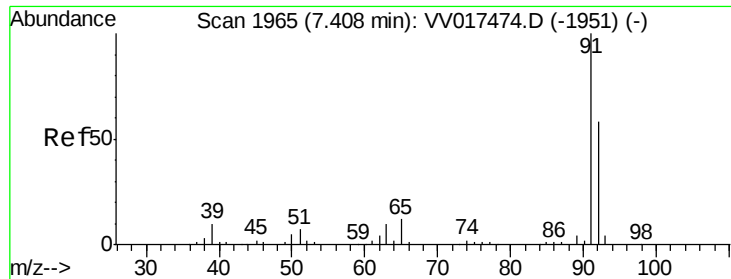
Tgt Ion: 95 Resp: 54153
Ion Ratio Lower Upper
95 100
97 67.7 43.9 81.5
132 97.9 67.9 126.1
130 105.5 75.2 139.6



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V





#42

Toluene

Concen: 5.420 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV017480.D

Acq: 14 Jul 2020 13:43

Instrument :

MSVOA_V

ClientSampled :

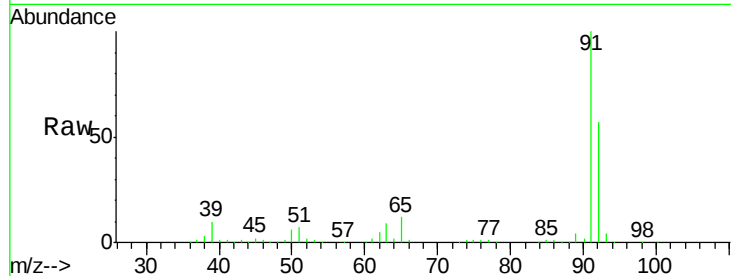
GAXW3MS

Tot Ion: 91 Resp: 222660

Ion Ratio Lower Upper

91 100

92 56.9 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VV017474.D (-1951) (-)

Ion 92.15 (91.85 to 92.85): VV017474.D (-1951) (-)

7.41

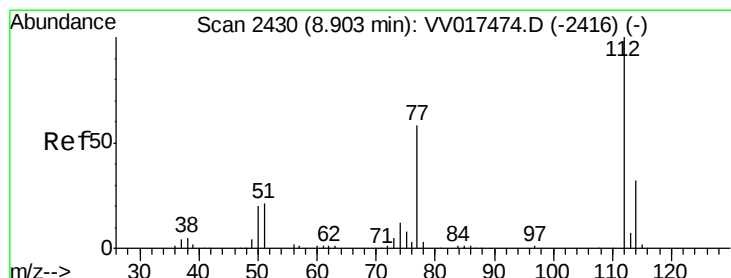
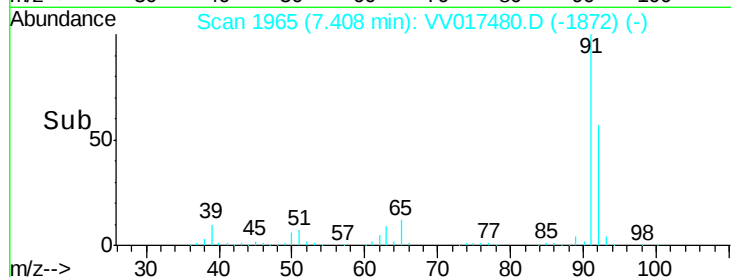
150000

100000

50000

0

Time-->



#53

Chlorobenzene

Concen: 5.273 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV017480.D

Acq: 14 Jul 2020 13:43

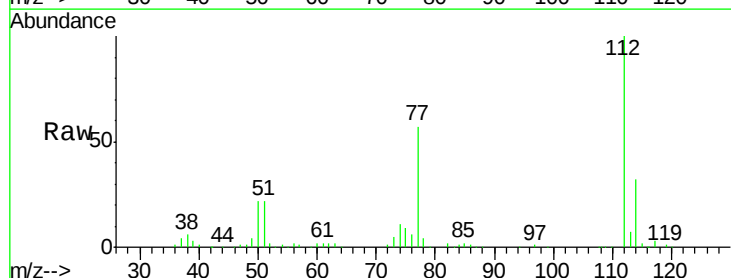
Tgt Ion: 112 Resp: 145095

Ion Ratio Lower Upper

112 100

114 32.0 22.4 41.6

77 56.8 47.0 70.4



Abundance Ion 112.10 (111.80 to 112.80): VV017474.D (-2416) (-)

Ion 114.05 (113.75 to 114.75): VV017474.D (-2416) (-)

Ion 77.10 (76.80 to 77.80): VV017474.D (-2416) (-)

8.90

120000

100000

80000

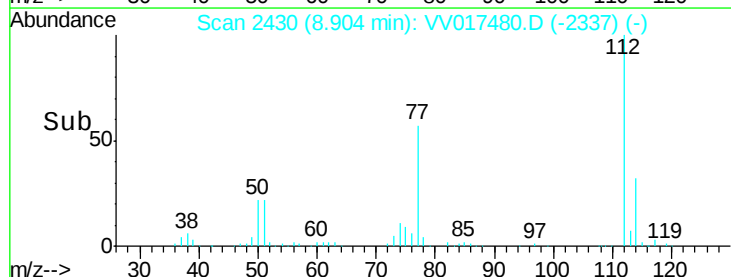
60000

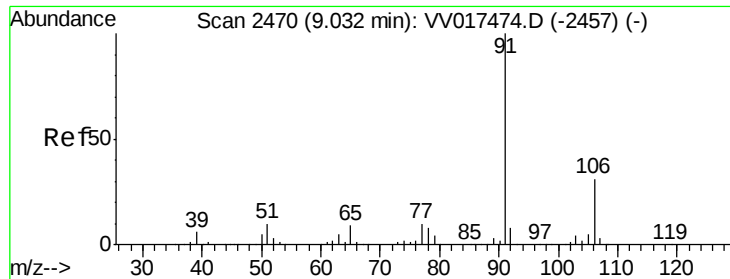
40000

20000

0

Time-->





#54

Ethylbenzene

Concen: 0.103 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV017480.D

Acq: 14 Jul 2020 13:43

Instrument :

MSVOA_V

ClientSampleId :

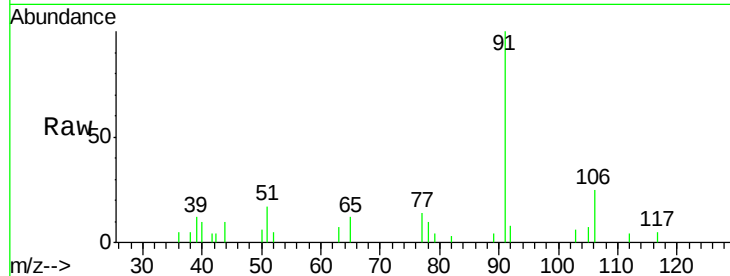
GAXW3MS

Tot Ion: 91 Resp: 4834

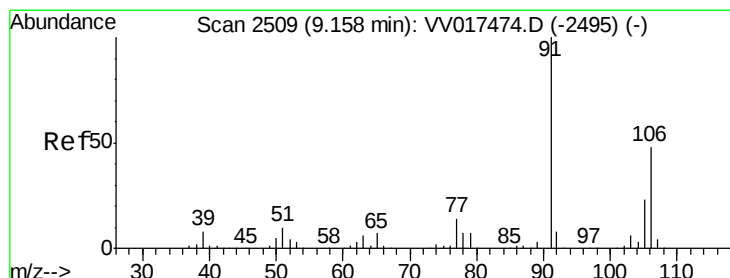
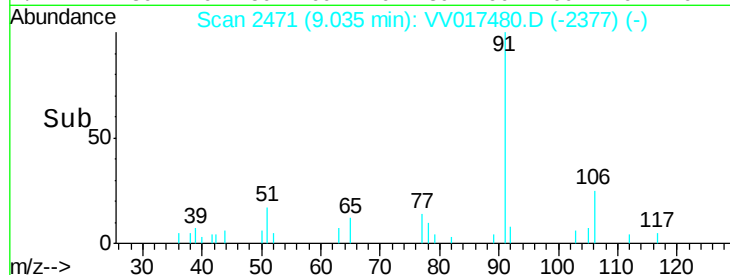
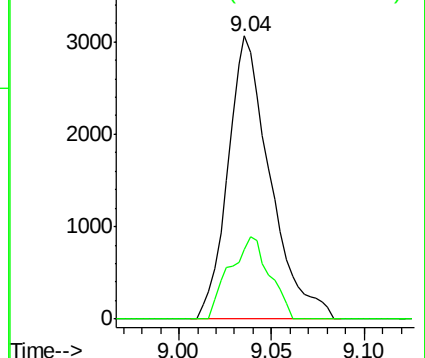
Ion Ratio Lower Upper

91 100

106 24.8 21.9 40.7



Abundance Ion 91.15 (90.85 to 91.85): VV017480.D (-2377) (-)



#55

m,p-xylene

Concen: 0.098 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV017480.D

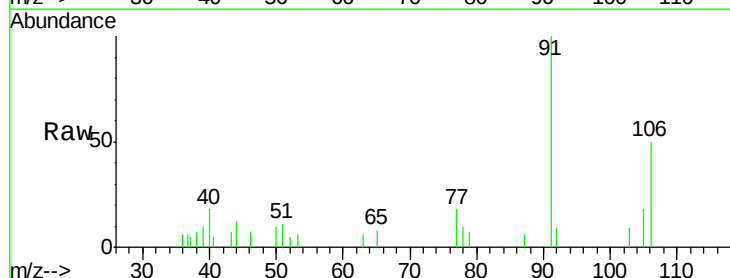
Acq: 14 Jul 2020 13:43

Tgt Ion: 106 Resp: 1734

Ion Ratio Lower Upper

106 100

91 199.8 144.2 267.8



Abundance Ion 106.15 (105.85 to 106.85): VV017480.D (-2416) (-)

