

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
 Data File : VV016821.D
 Acq On : 11 Jun 2020 12:57
 Operator : SY/MD
 Sample : L2929-16MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTY1MSD

Quant Time: Jun 12 02:41:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 01:27:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	347851	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	329830	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	176466	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	91601	37.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.64%
7) Chloroethane-d5	1.57	69	70563	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.82%
11) 1,1-Dichloroethene-d2	2.12	63	179441	43.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.08%
21) 2-Butanone-d5	3.89	46	179525	98.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.82%
24) Chloroform-d	4.37	84	219282	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
26) 1,2-Dichloroethane-d4	5.05	65	160992	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
32) Benzene-d6	5.07	84	427414	44.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.90%
36) 1,2-Dichloropropane-d6	6.09	67	134397	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.70%
41) Toluene-d8	7.34	98	395525	45.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.66%
43) trans-1,3-Dichloropropene-	7.64	79	64746	41.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.90%
47) 2-Hexanone-d5	8.11	63	118285	91.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.54%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	189766	48.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	179463	47.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.30%

Target Compounds

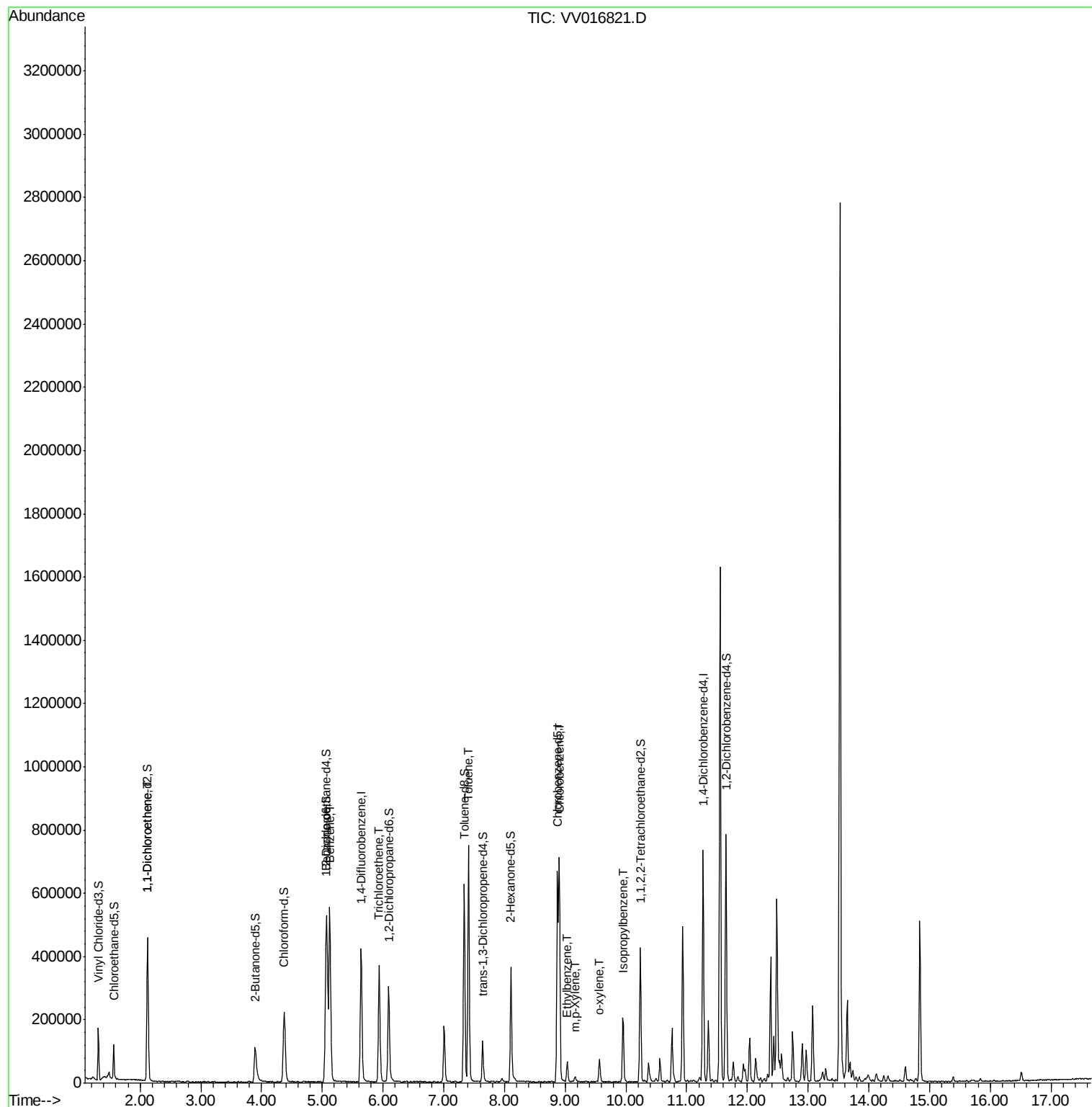
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.13	96	80822	46.814	ug/L	91
33) Benzene	5.12	78	534470	54.768	ug/L	100
34) Trichloroethene	5.94	95	123026	47.006	ug/L	99
42) Toluene	7.41	91	518947	50.444	ug/L	99
51) Chlorobenzene	8.90	112	339472	50.578	ug/L	99
52) Ethylbenzene	9.03	91	40832	3.583	ug/L	96
53) m,p-Xylene	9.16	106	4145	0.977	ug/L	96
54) o-xylene	9.57	106	18615	4.449	ug/L	91
56) Isopropylbenzene	9.95	105	124416	11.066	ug/L	99

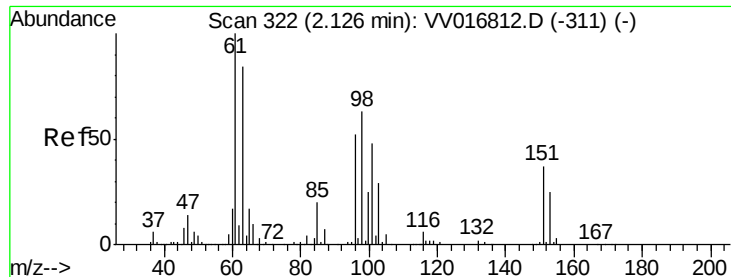
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

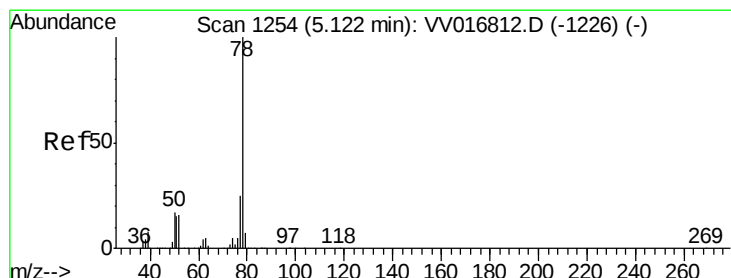
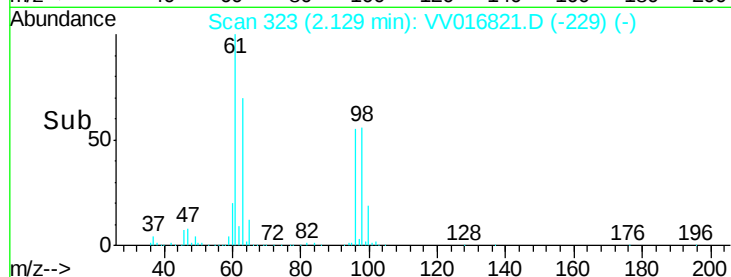
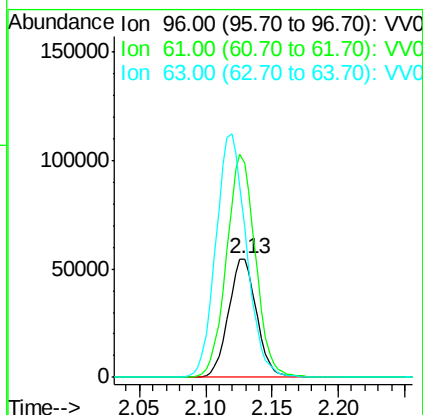
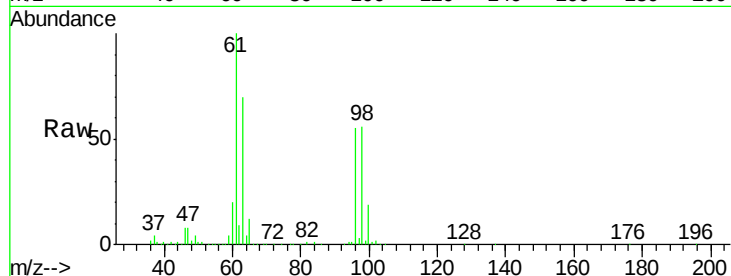




#12
 1,1-Dichloroethene
 Concen: 46.814 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.00 min
 Lab File: VV016821.D
 Acq: 11 Jun 2020 12:57

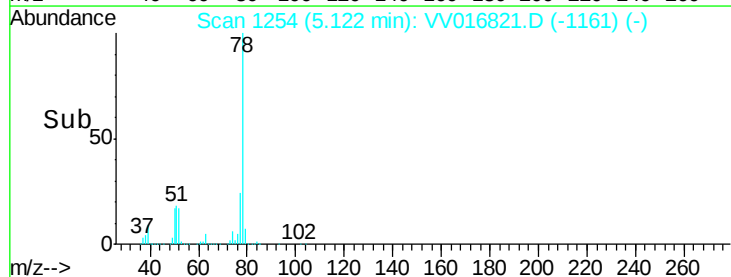
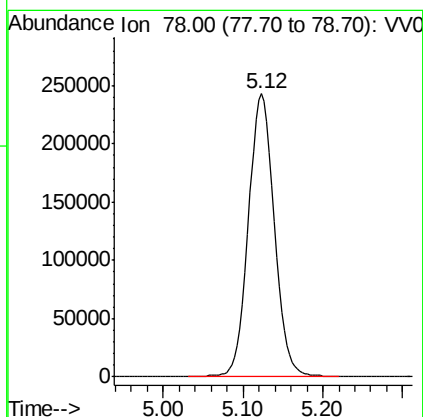
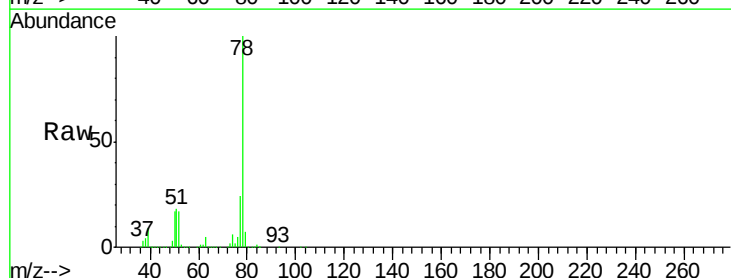
Instrument :
 MSVOA_V
 ClientSampleId :
 ETTY1MSD

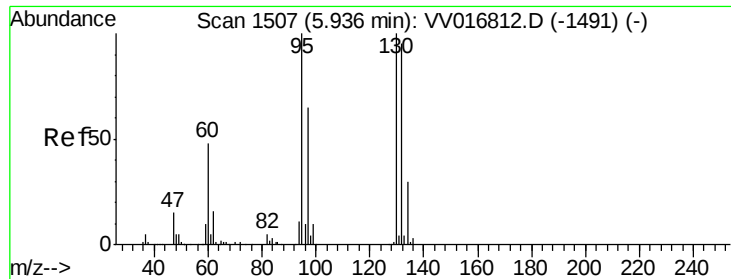
Tgt Ion: 96 Resp: 80822
 Ion Ratio Lower Upper
 96 100
 61 181.5 130.4 242.2
 63 126.7 103.3 191.9



#33
 Benzene
 Concen: 54.768 ug/L
 RT: 5.12 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: VV016821.D
 Acq: 11 Jun 2020 12:57

Tgt Ion: 78 Resp: 534470

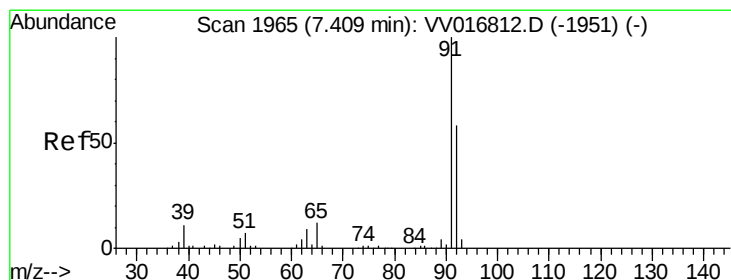
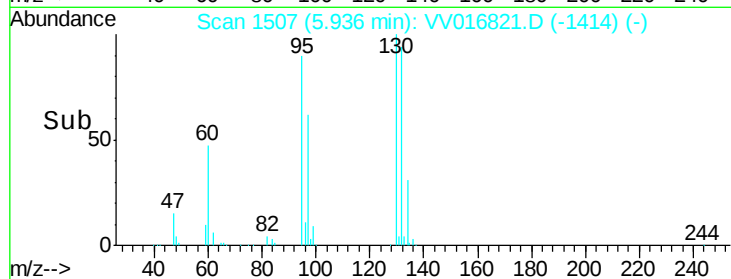
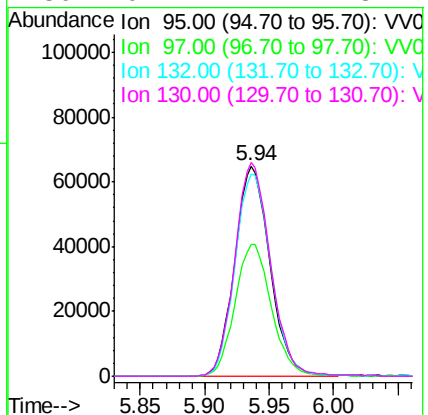
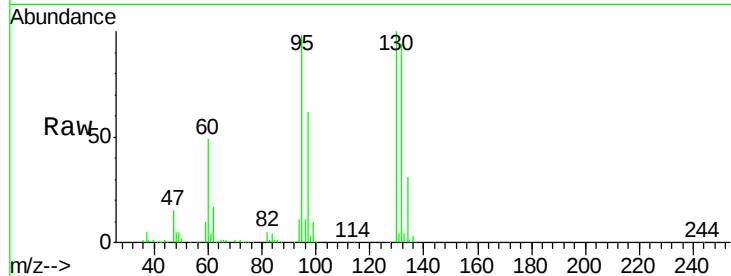




#34
 Trichloroethene
 Concen: 47.006 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV016821.D
 Acq: 11 Jun 2020 12:57

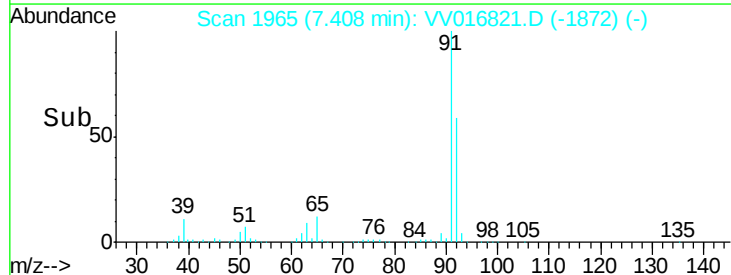
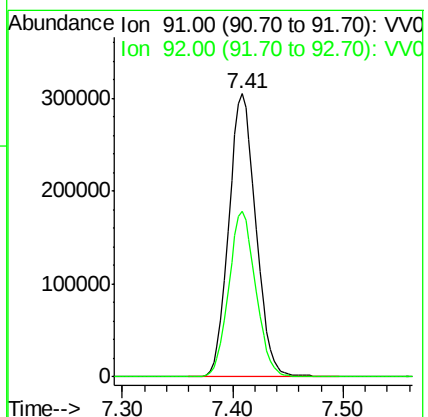
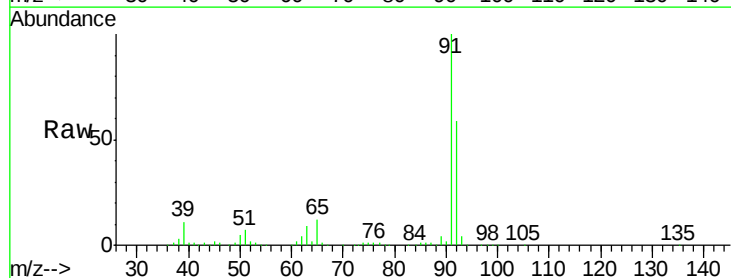
Instrument :
 MSVOA_V
 ClientSampleId :
 ETTY1MSD

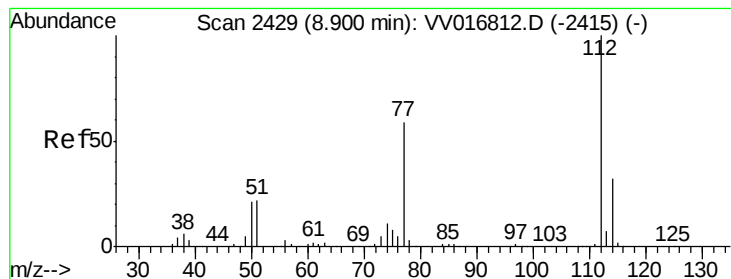
Tgt Ion: 95 Resp: 123026
 Ion Ratio Lower Upper
 95 100
 97 62.8 44.3 82.3
 132 96.0 67.9 126.1
 130 101.7 72.2 134.2



#42
 Toluene
 Concen: 50.444 ug/L
 RT: 7.41 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: VV016821.D
 Acq: 11 Jun 2020 12:57

Tgt Ion: 91 Resp: 518947
 Ion Ratio Lower Upper
 91 100
 92 58.6 40.4 75.0





#51

Chlorobenzene

Concen: 50.578 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV016821.D

Acq: 11 Jun 2020 12:57

Instrument :

MSVOA_V

ClientSampleId :

ETTY1MSD

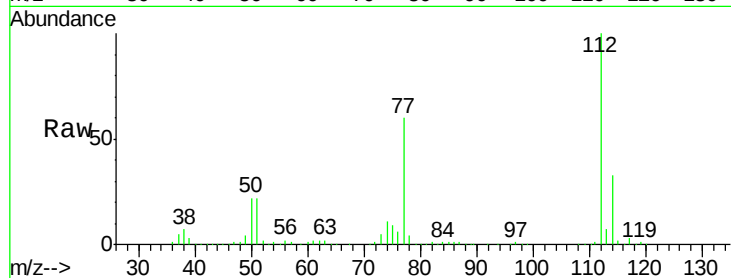
Tgt Ion: 112 Resp: 339472

Ion Ratio Lower Upper

112 100

114 32.8 22.3 41.3

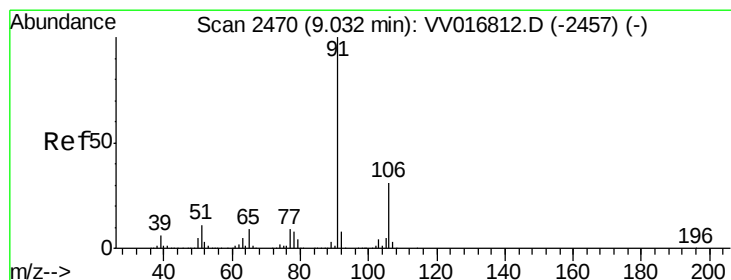
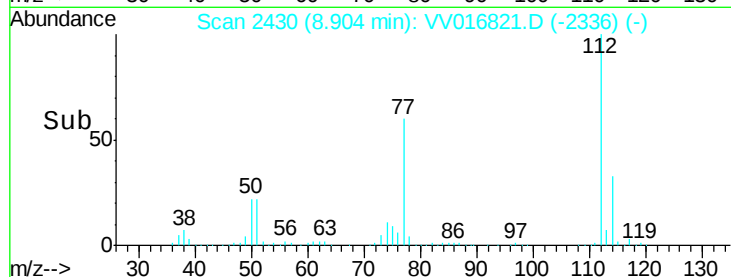
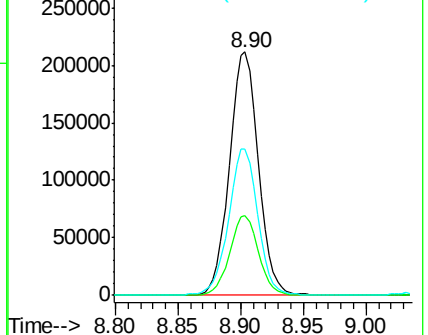
77 60.3 47.9 71.9



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#52

Ethylbenzene

Concen: 3.583 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV016821.D

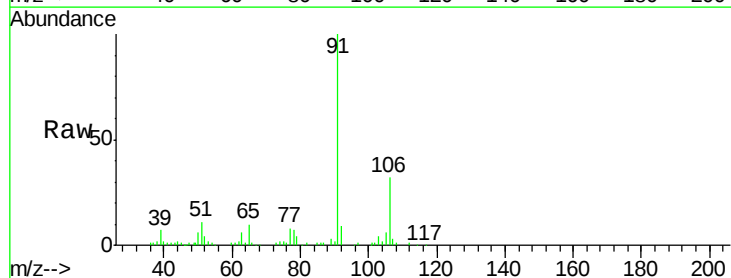
Acq: 11 Jun 2020 12:57

Tgt Ion: 91 Resp: 40832

Ion Ratio Lower Upper

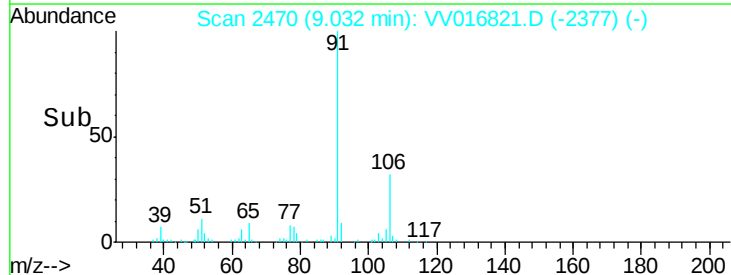
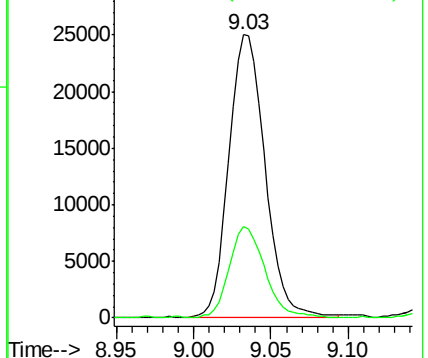
91 100

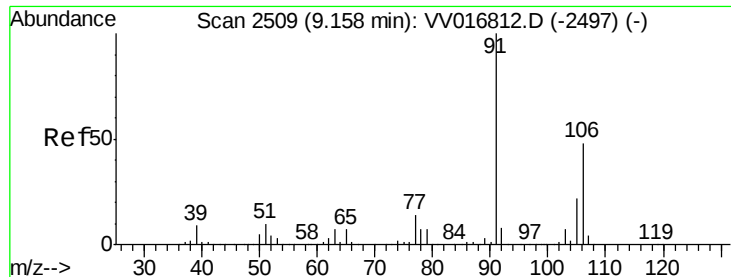
106 32.2 21.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 0.977 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV016821.D

Acq: 11 Jun 2020 12:57

Instrument :

MSVOA_V

ClientSampleId :

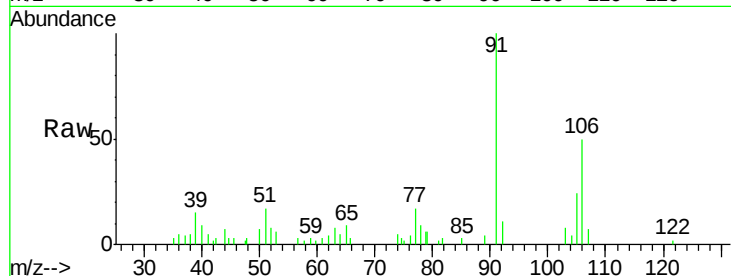
ETTY1MSD

Tgt Ion:106 Resp: 4145

Ion Ratio Lower Upper

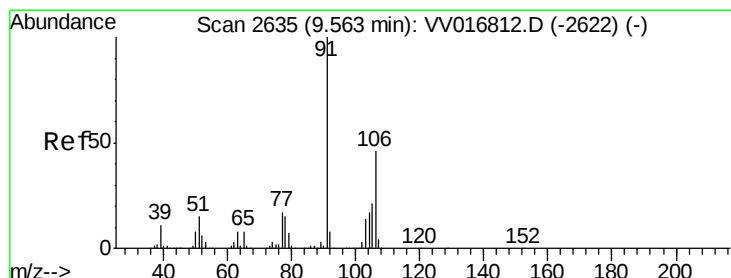
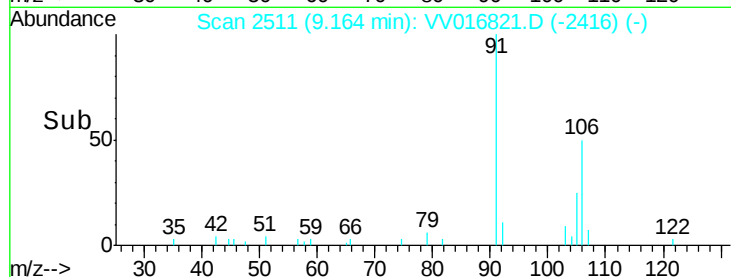
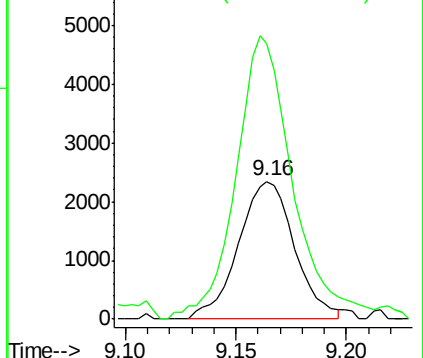
106 100

91 200.3 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 4.449 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016821.D

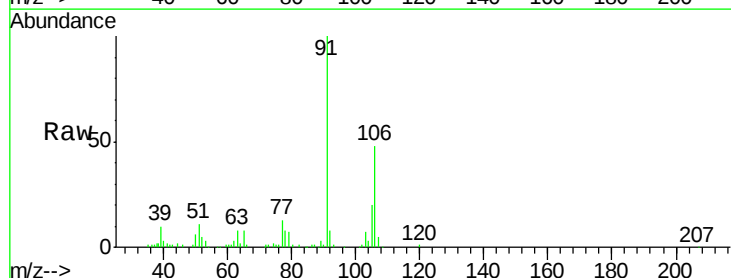
Acq: 11 Jun 2020 12:57

Tgt Ion:106 Resp: 18615

Ion Ratio Lower Upper

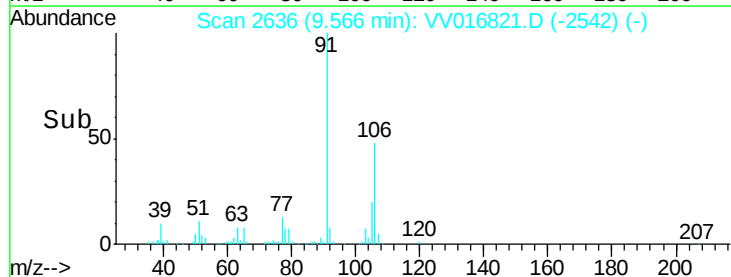
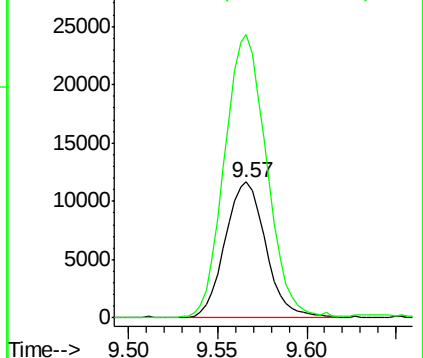
106 100

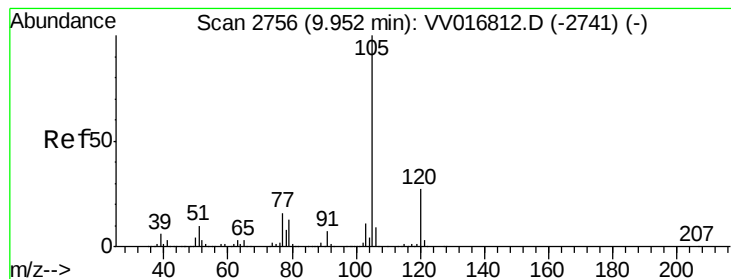
91 208.4 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#56

Isopropylbenzene

Concen: 11.066 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

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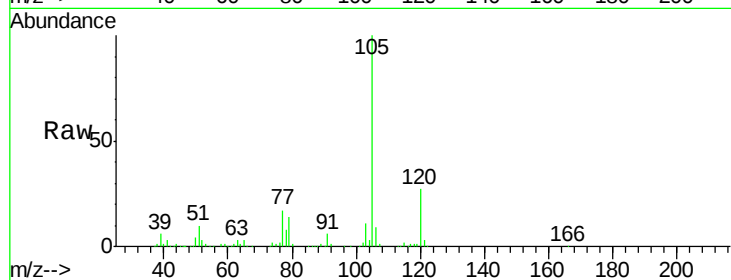
Tgt Ion:105 Resp: 124416

Ion Ratio Lower Upper

105 100

120 27.1 21.2 31.8

77 16.5 13.0 19.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V

