

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016253.D
 Acq On : 28 May 2020 01:47
 Operator : SY/MD
 Sample : L2766-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE4Z5

Quant Time: May 28 08:08:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 06:30:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	101641	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	96259	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	44909	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27460	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.58	69	25278	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.13	63	38887	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	3.94	46	80621	49.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.58%
24) Chloroform-d	4.38	84	57272	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.06	65	31272	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.08	84	113402	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.10	67	34902	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.34	98	100733	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
45) trans-1,3-Dichloropropene-	7.65	79	11637	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
48) 2-Hexanone-d5	8.12	63	59037	46.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.62%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23727	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	35967	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

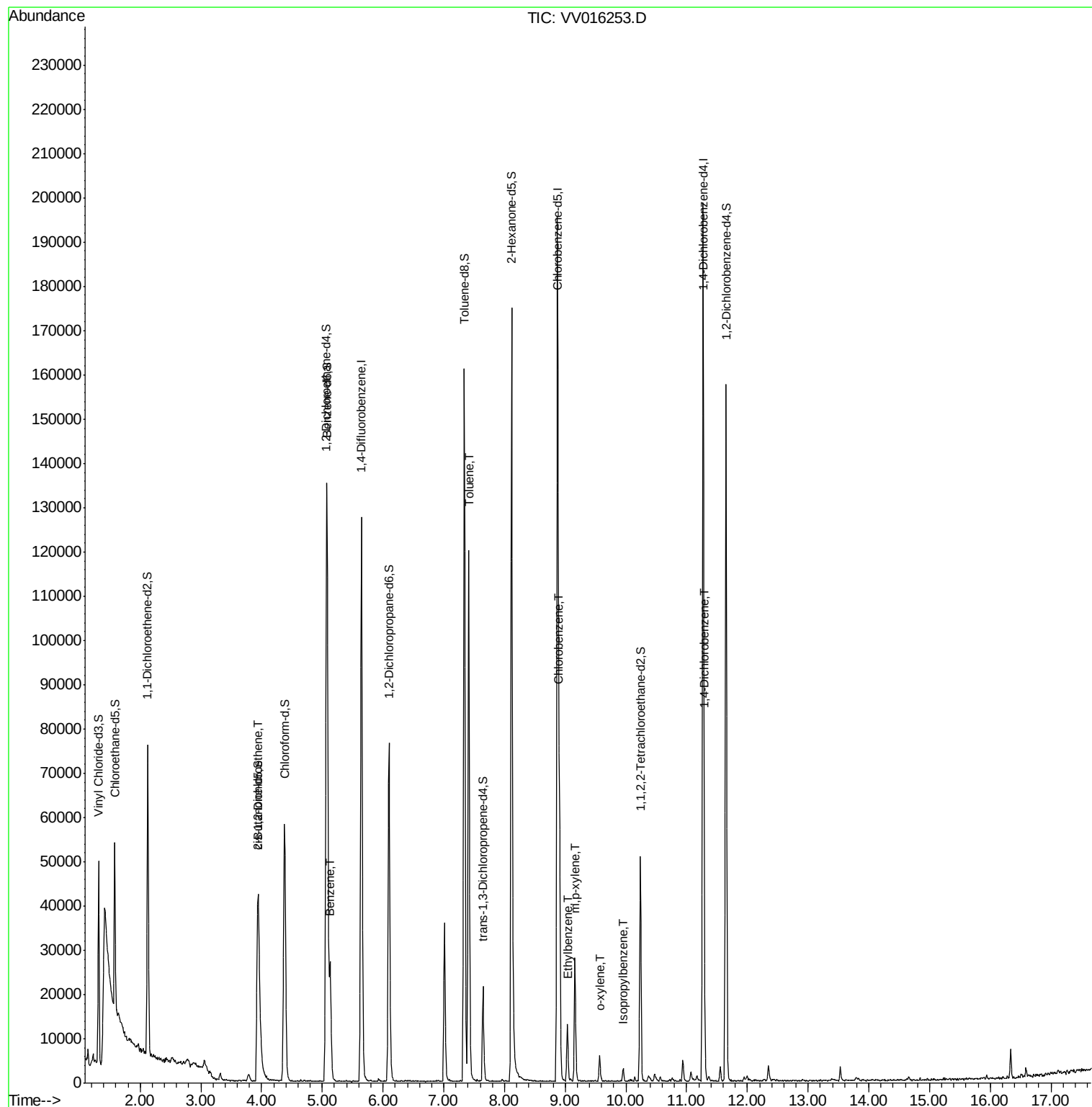
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
22) cis-1,2-Dichloroethene	3.94	96	2567	0.331	ug/L	89
33) Benzene	5.13	78	25884	0.934	ug/L	100
42) Toluene	7.41	91	84182	2.787	ug/L	99
53) Chlorobenzene	8.90	112	33017	1.769	ug/L	99
54) Ethylbenzene	9.04	91	9203	0.273	ug/L	96
55) m,p-xylene	9.16	106	7500	0.594	ug/L	99
56) o-xylene	9.57	106	1566	0.130	ug/L	88
58) Isopropylbenzene	9.95	105	1791	0.054	ug/L	96
64) 1,4-Dichlorobenzene	11.30	146	4734	0.340	ug/L	96

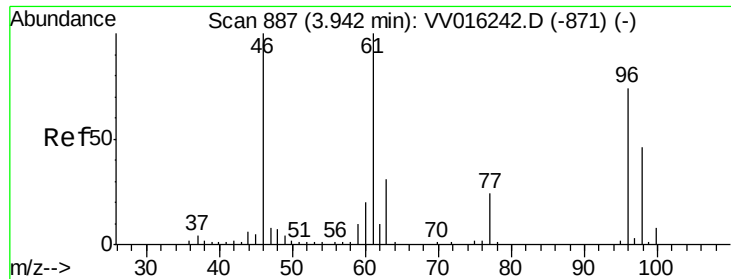
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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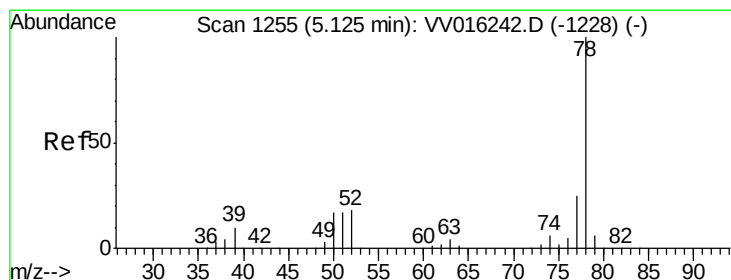
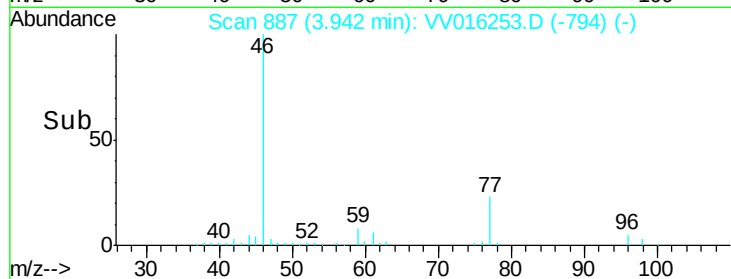
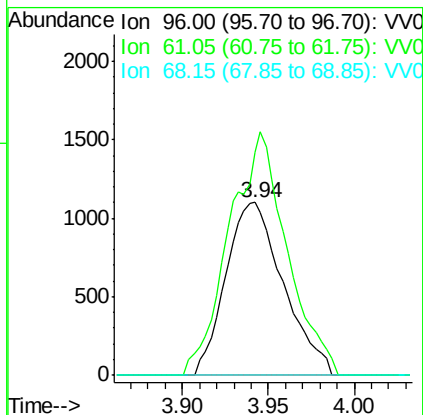
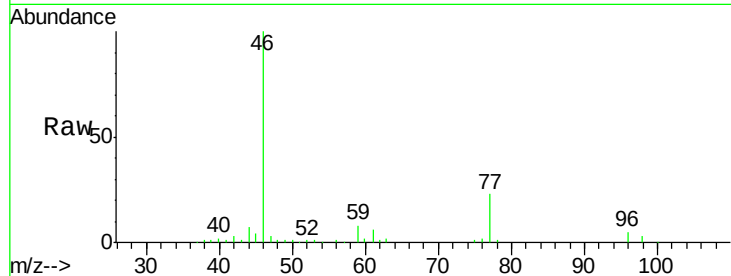


#22

cis-1,2-Dichloroethene
Concen: 0.331 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.00 min
Lab File: VV016253.D
Acq: 28 May 2020 01:47

Instrument :
MSVOA_V
ClientSampleId :
BE4Z5

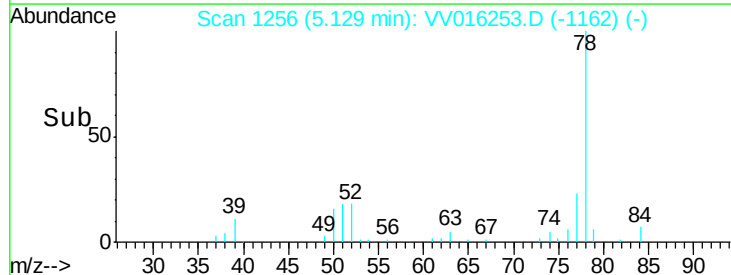
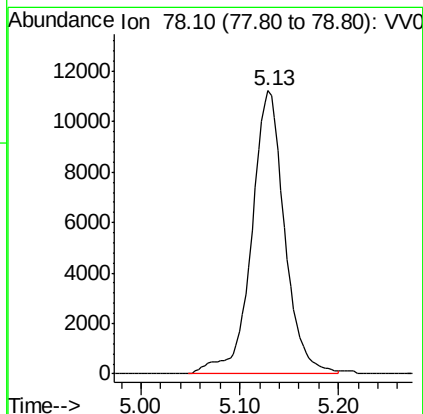
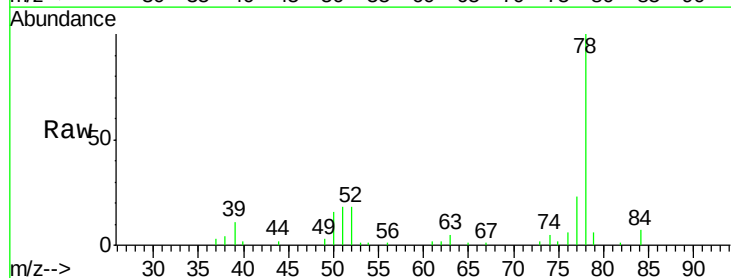
Tot Ion: 96 Resp: 2567
Ion Ratio Lower Upper
96 100
61 129.3 99.7 185.1
68 0.0 0.0 0.0

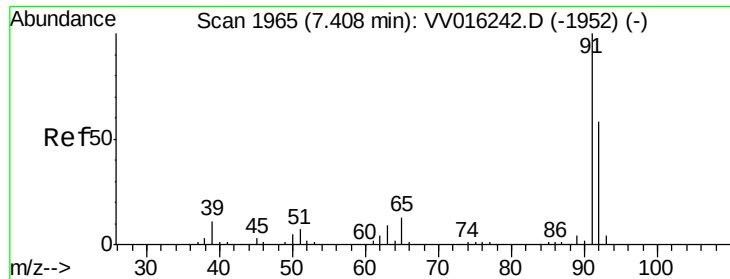


#33

Benzene
Concen: 0.934 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VV016253.D
Acq: 28 May 2020 01:47

Tgt Ion: 78 Resp: 25884





#42

Toluene

Concen: 2.787 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016253.D

Acq: 28 May 2020 01:47

Instrument :

MSVOA_V

ClientSampled :

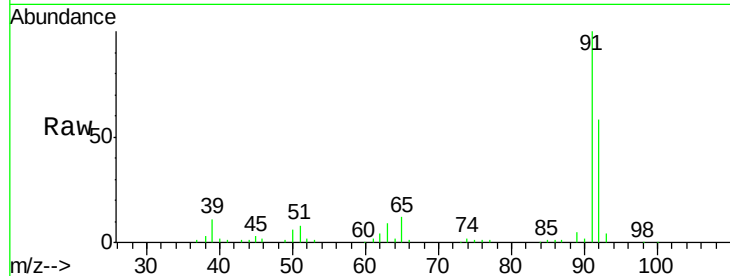
BE4Z5

Tot Ion: 91 Resp: 84182

Ion Ratio Lower Upper

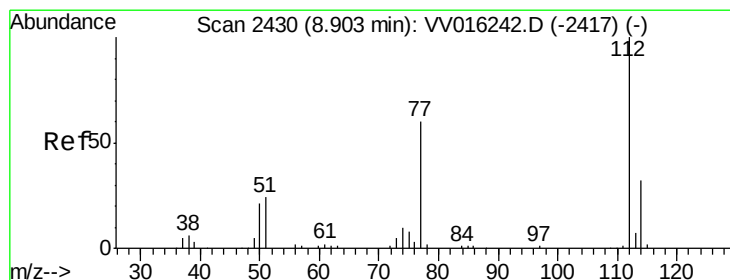
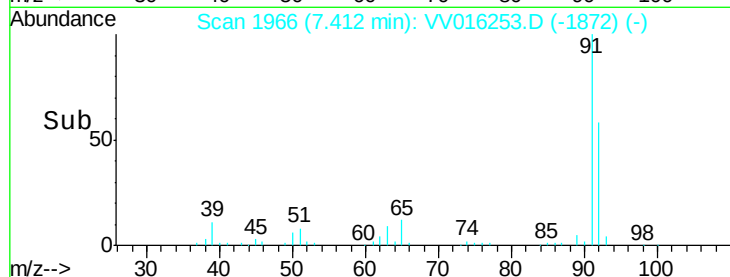
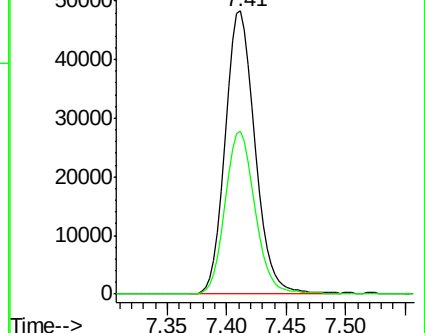
91 100

92 57.8 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VV016242.D (-1952) (-)

Ion 92.15 (91.85 to 92.85): VV016242.D (-1952) (-)



#53

Chlorobenzene

Concen: 1.769 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV016253.D

Acq: 28 May 2020 01:47

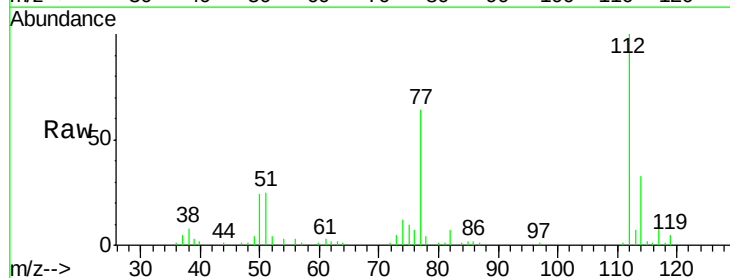
Tgt Ion: 112 Resp: 33017

Ion Ratio Lower Upper

112 100

114 33.2 22.3 41.3

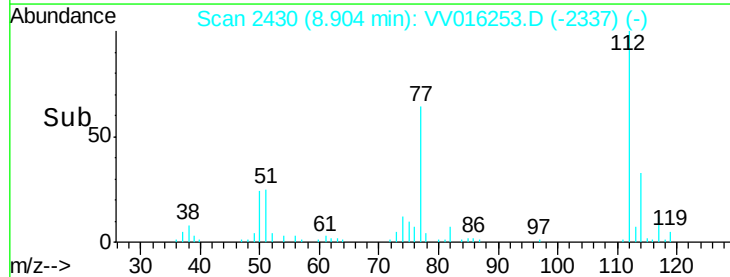
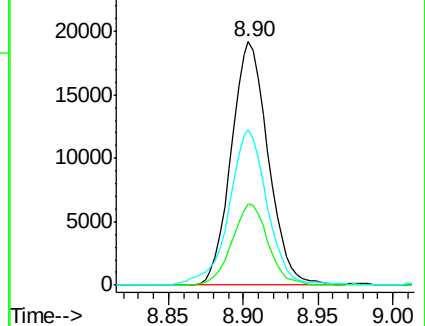
77 63.7 50.7 76.1

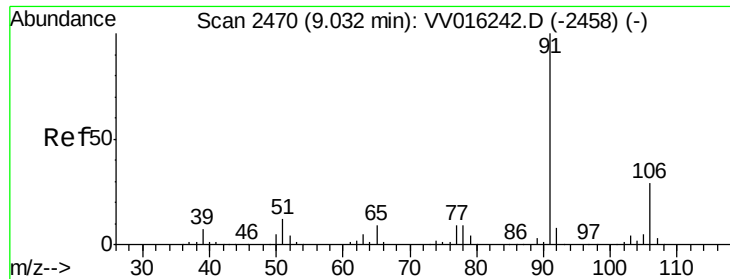


Abundance Ion 112.10 (111.80 to 112.80): VV016242.D (-2417) (-)

Ion 114.05 (113.75 to 114.75): VV016242.D (-2417) (-)

Ion 77.10 (76.80 to 77.80): VV016242.D (-2417) (-)





#54

Ethylbenzene

Concen: 0.273 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016253.D

Acq: 28 May 2020 01:47

Instrument :

MSVOA_V

ClientSampleId :

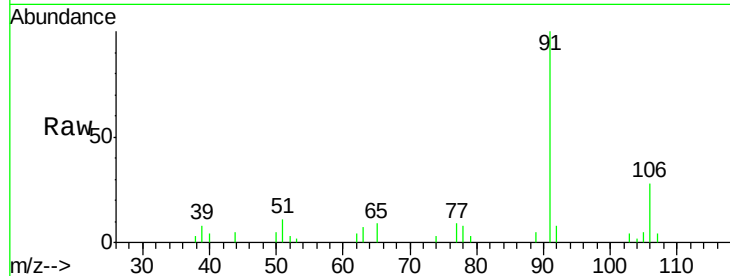
BE4Z5

Tot Ion: 91 Resp: 9203

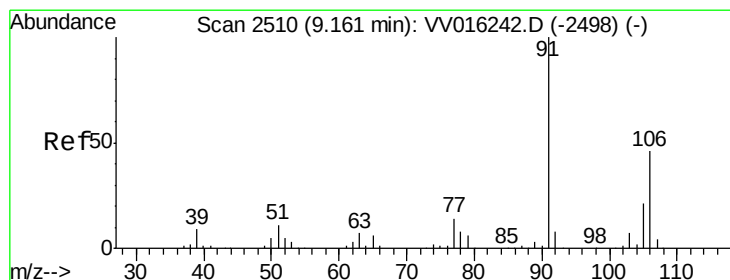
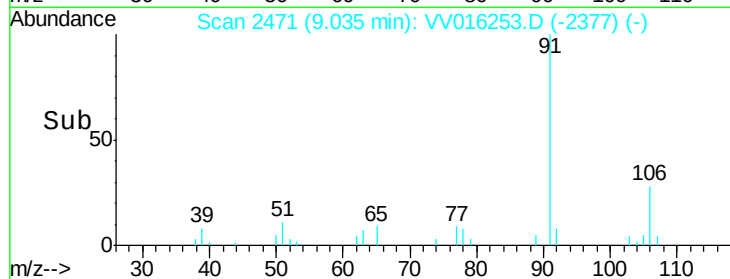
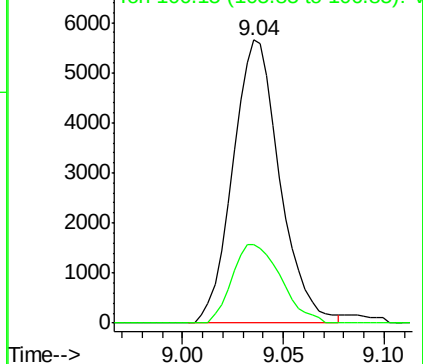
Ion Ratio Lower Upper

91 100

106 28.0 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VV016253.D (-2477) (-)



#55

m,p-xylene

Concen: 0.594 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016253.D

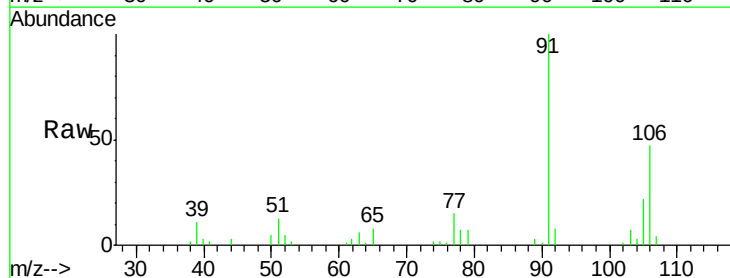
Acq: 28 May 2020 01:47

Tgt Ion: 106 Resp: 7500

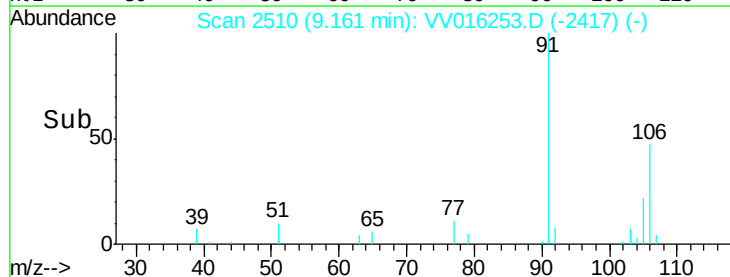
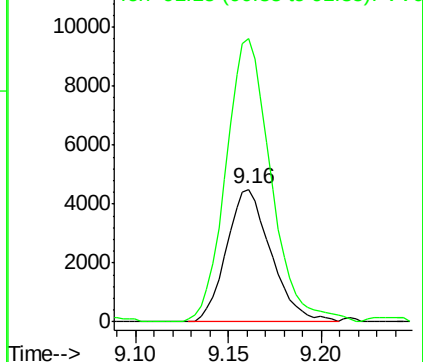
Ion Ratio Lower Upper

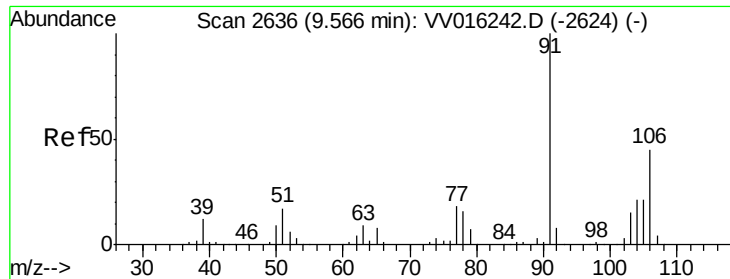
106 100

91 213.3 148.1 275.0



Abundance Ion 106.15 (105.85 to 106.85): VV016253.D (-2517) (-)

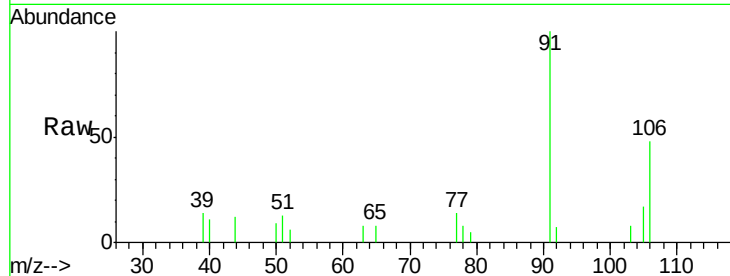




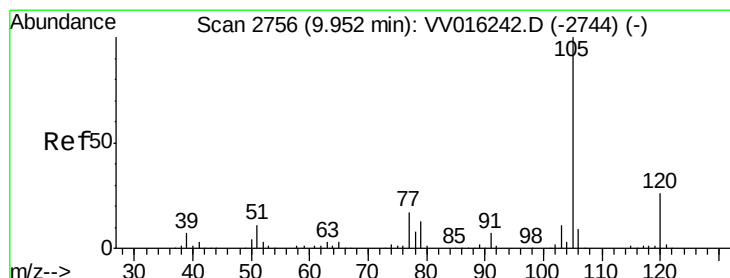
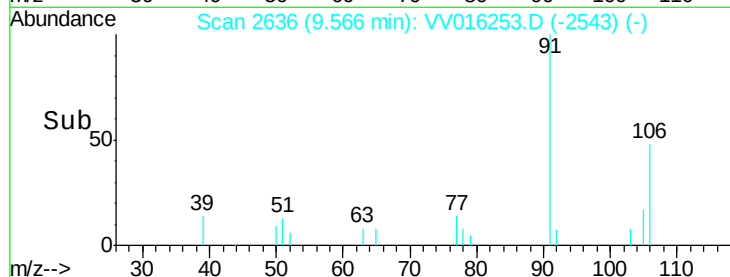
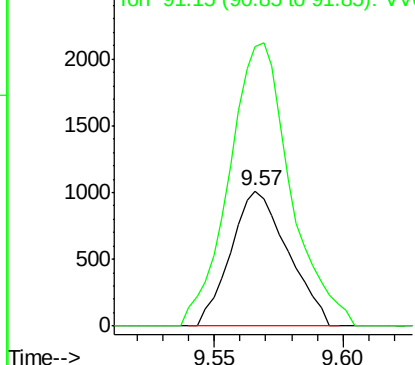
#56
o-xylene
Concen: 0.130 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016253.D
Acq: 28 May 2020 01:47

Instrument :
MSVOA_V
ClientSampleId :
BE4Z5

Tot Ion:106 Resp: 1566
Ion Ratio Lower Upper
106 100
91 207.3 158.8 294.8

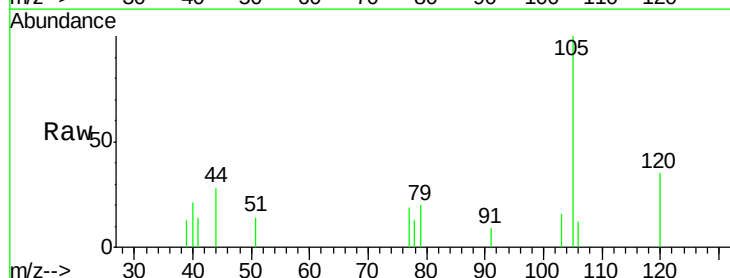


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

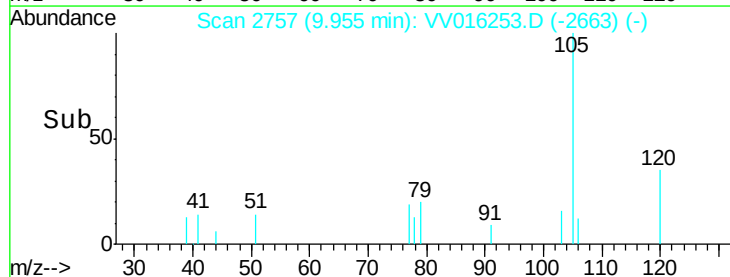
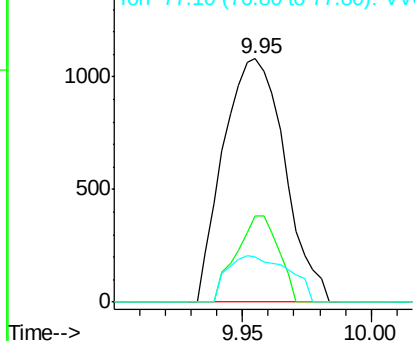


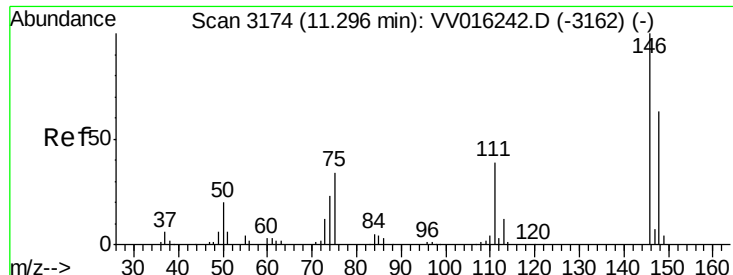
#58
Isopropylbenzene
Concen: 0.054 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016253.D
Acq: 28 May 2020 01:47

Tgt Ion:105 Resp: 1791
Ion Ratio Lower Upper
105 100
120 24.3 20.9 31.3
77 19.1 13.9 20.9



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.10 (119.80 to 120.80): V
Ion 77.10 (76.80 to 77.80): VV0

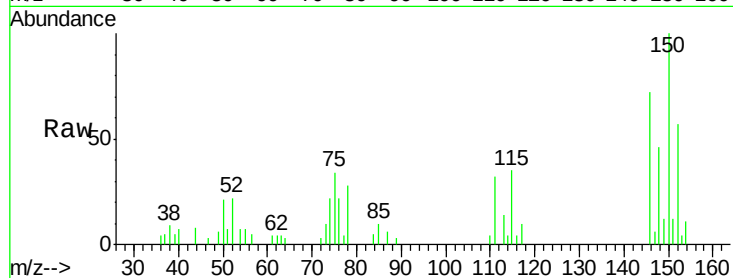




#64
 1,4-Dichlorobenzene
 Concen: 0.340 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV016253.D
 Acq: 28 May 2020 01:47

Instrument :
 MSVOA_V
 ClientSampleId :
 BE4Z5

Tot Ion:146 Resp: 4734
 Ion Ratio Lower Upper
 146 100
 111 44.9 28.3 52.7
 148 63.5 43.3 80.3



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

