

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016255.D
 Acq On : 28 May 2020 02:36
 Operator : SY/MD
 Sample : L2766-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE4Z7

Quant Time: May 28 08:21:46 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	101790	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	96677	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	44614	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25500	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.58	69	24493	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.13	63	39310	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.94	46	85952	53.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.00%
24) Chloroform-d	4.38	84	58223	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.06	65	32793	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.08	84	114513	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.10	67	36124	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.34	98	104952	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
45) trans-1,3-Dichloropropene-	7.64	79	11900	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
48) 2-Hexanone-d5	8.12	63	64739	51.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.22%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25893	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	37089	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

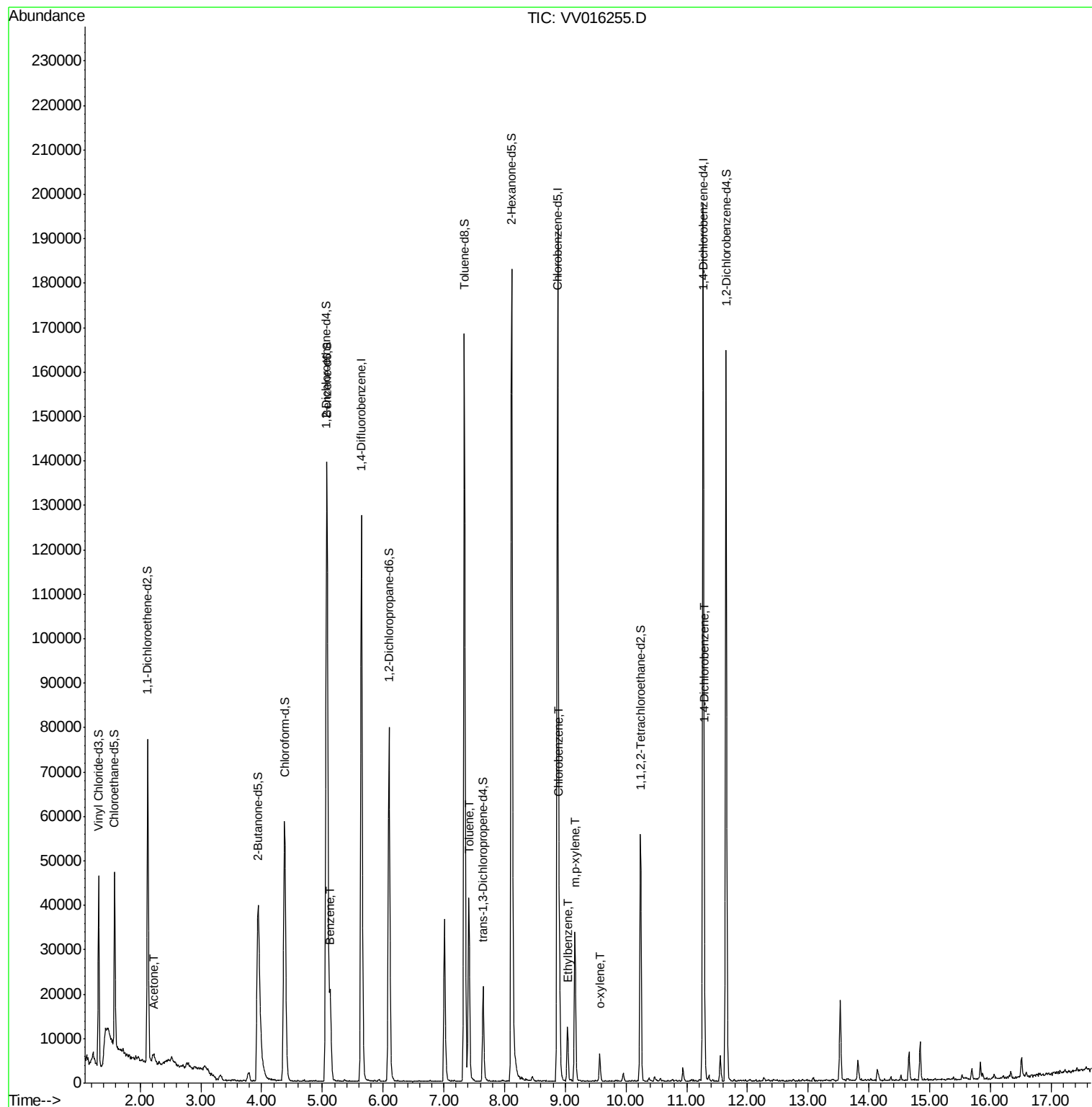
					Ovalue
13) Acetone	2.22	43	5146	5.127 ug/L	85
33) Benzene	5.13	78	19803	0.712 ug/L	100
42) Toluene	7.41	91	29235	0.964 ug/L	96
53) Chlorobenzene	8.90	112	13604	0.726 ug/L	96
54) Ethylbenzene	9.04	91	8857	0.262 ug/L	98
55) m,p-xylene	9.16	106	8955	0.706 ug/L	95
56) o-xylene	9.57	106	1539	0.127 ug/L	90
64) 1,4-Dichlorobenzene	11.30	146	2548	0.184 ug/L	92

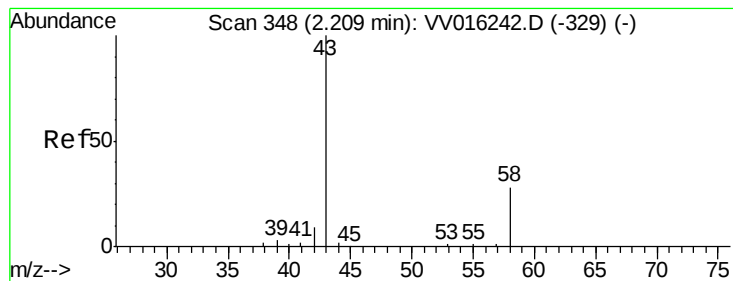
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 06:30:54 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.127 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

Lab File: VV016255.D

Acq: 28 May 2020 02:36

Instrument :

MSVOA_V

ClientSampleId :

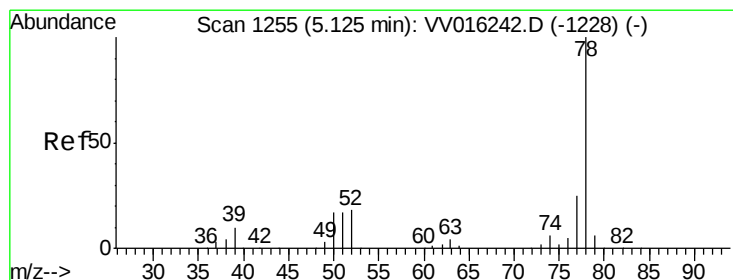
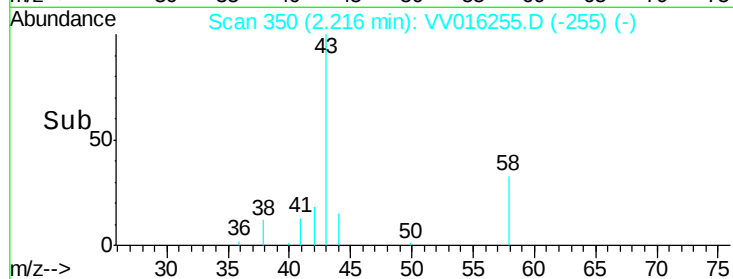
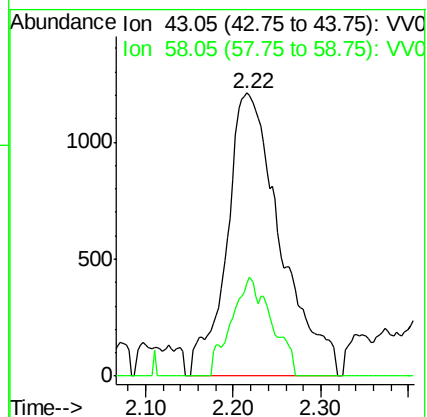
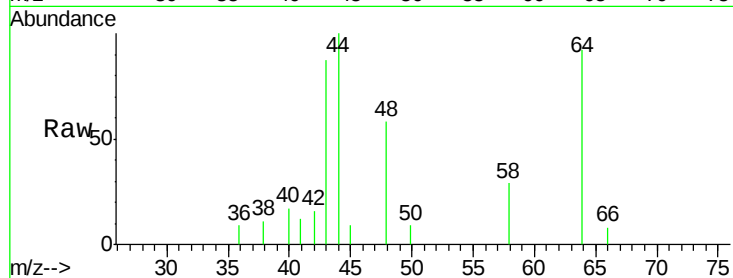
BE4Z7

Tot Ion: 43 Resp: 5146

Ion Ratio Lower Upper

43 100

58 16.8 0.0 48.8



#33

Benzene

Concen: 0.712 ug/L

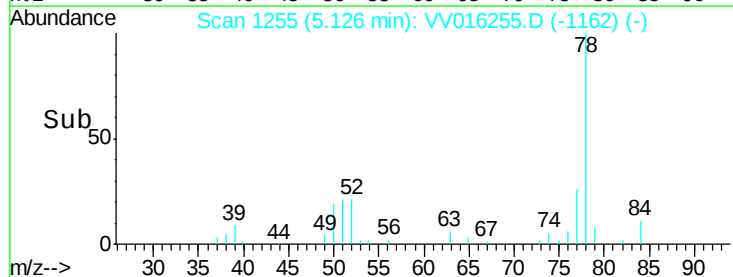
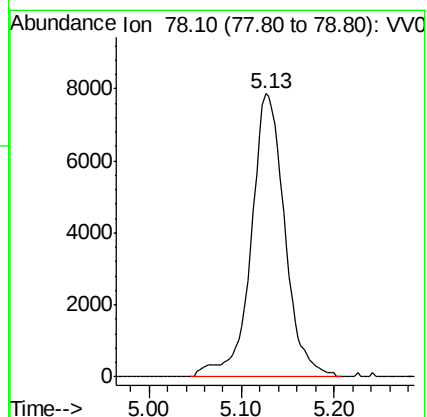
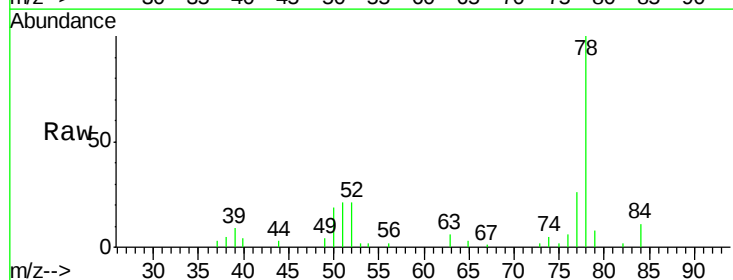
RT: 5.13 min Scan# 1255

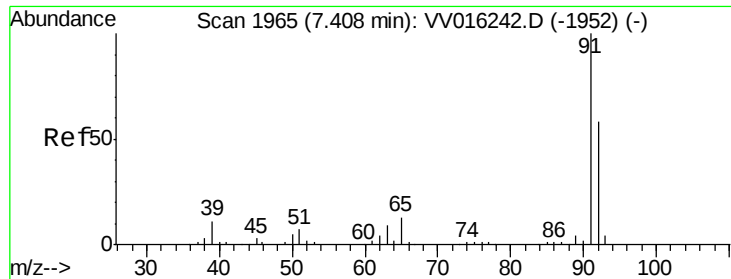
Delta R.T. 0.00 min

Lab File: VV016255.D

Acq: 28 May 2020 02:36

Tgt Ion: 78 Resp: 19803





#42

Toluene

Concen: 0.964 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016255.D

Acq: 28 May 2020 02:36

Instrument :

MSVOA_V

ClientSampleId :

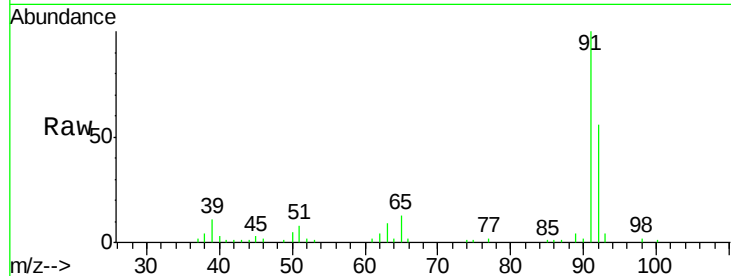
BE4Z7

Tot Ion: 91 Resp: 29235

Ion Ratio Lower Upper

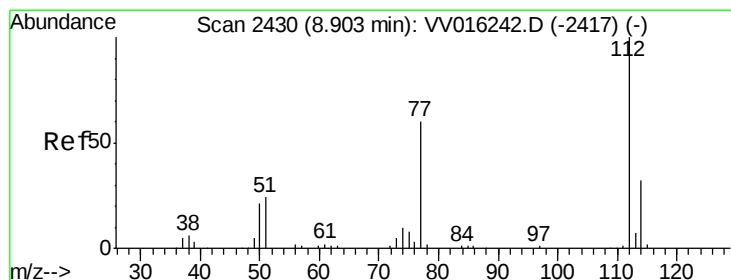
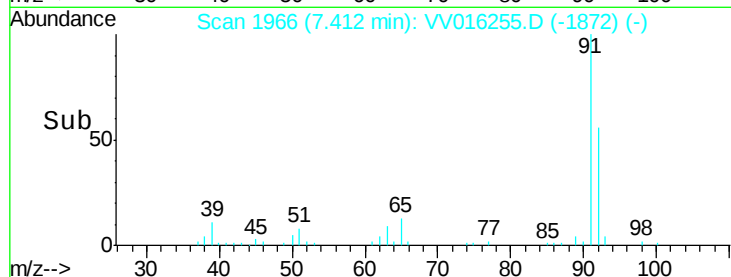
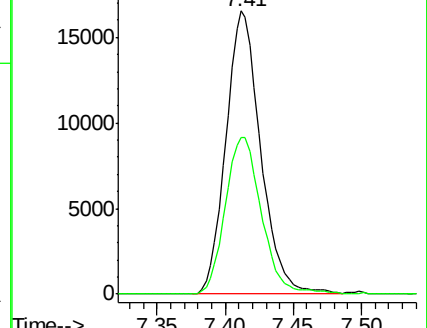
91 100

92 55.5 40.9 76.0



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

Ion 92.15 (91.85 to 92.85): VV016255.D (-1872) (-)



#53

Chlorobenzene

Concen: 0.726 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV016255.D

Acq: 28 May 2020 02:36

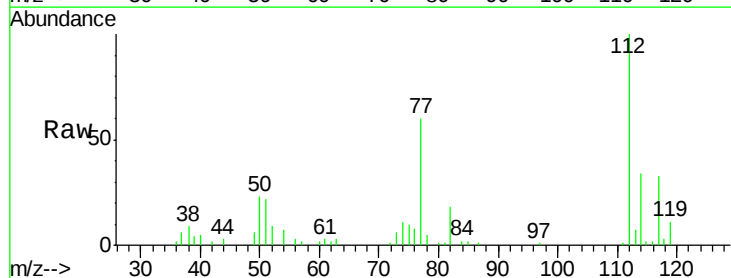
Tgt Ion: 112 Resp: 13604

Ion Ratio Lower Upper

112 100

114 33.5 22.3 41.3

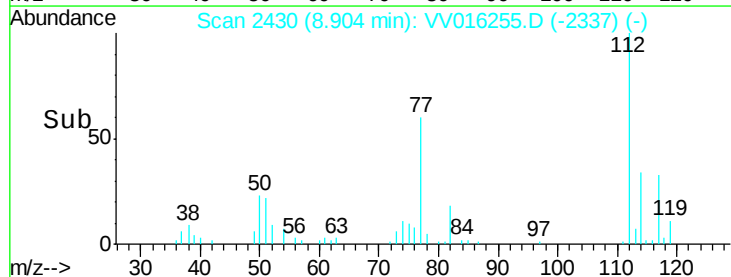
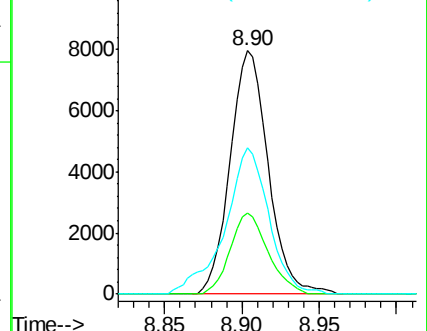
77 60.1 50.7 76.1

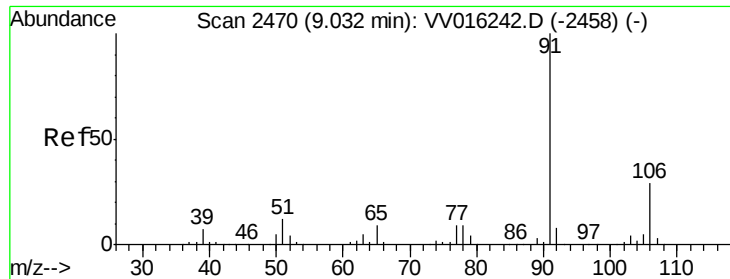


Abundance Ion 112.10 (111.80 to 112.80): VV016242.D (-2417) (-)

Ion 114.05 (113.75 to 114.75): VV016255.D (-2337) (-)

Ion 77.10 (76.80 to 77.80): VV016255.D (-2337) (-)





#54

Ethylbenzene

Concen: 0.262 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV016255.D

Acq: 28 May 2020 02:36

Instrument :

MSVOA_V

ClientSampleId :

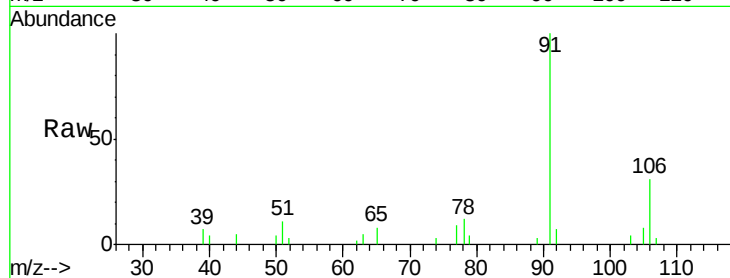
BE4Z7

Tot Ion: 91 Resp: 8857

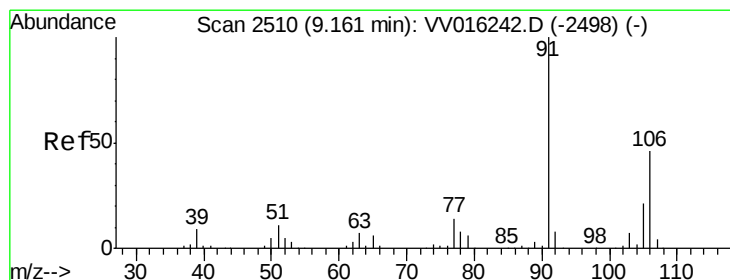
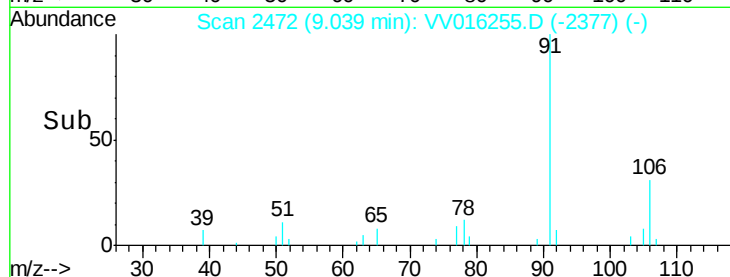
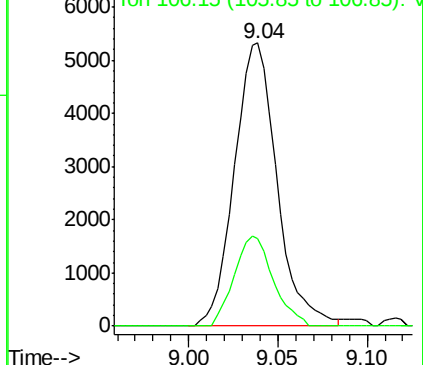
Ion Ratio Lower Upper

91 100

106 30.8 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VV016242.D (-2458) (-)



#55

m,p-xylene

Concen: 0.706 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV016255.D

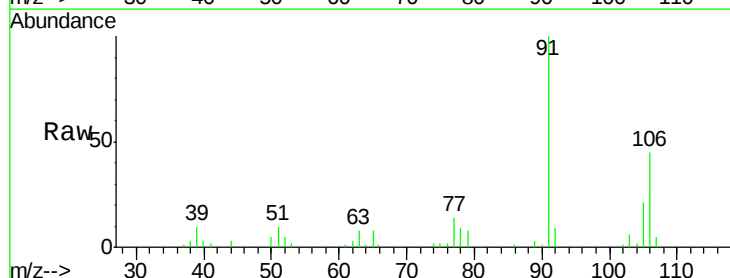
Acq: 28 May 2020 02:36

Tgt Ion: 106 Resp: 8955

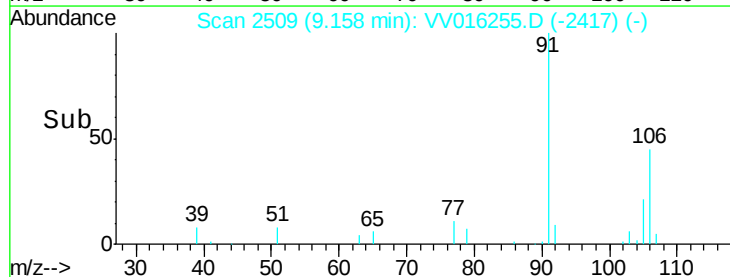
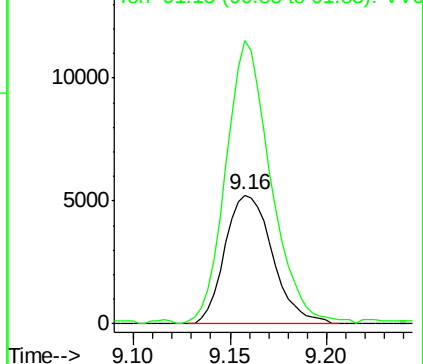
Ion Ratio Lower Upper

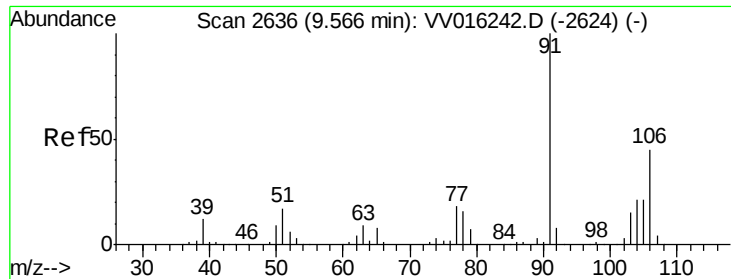
106 100

91 220.0 148.1 275.0



Abundance Ion 106.15 (105.85 to 106.85): VV016242.D (-2498) (-)

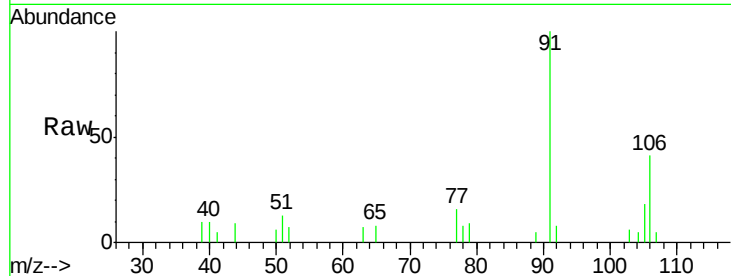




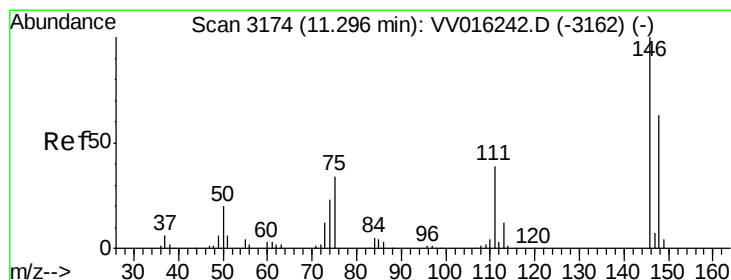
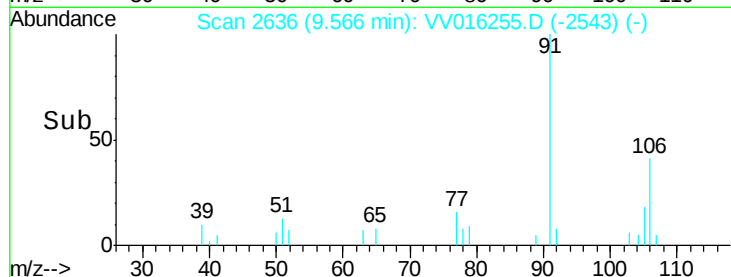
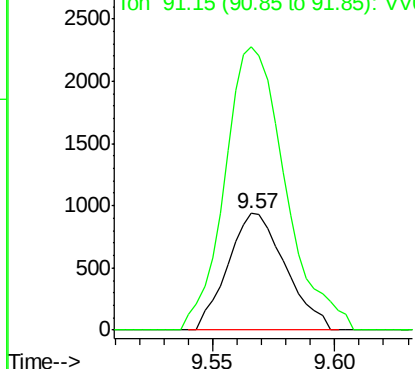
#56
o-xylene
Concen: 0.127 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016255.D
Acq: 28 May 2020 02:36

Instrument :
MSVOA_V
ClientSampleId :
BE4Z7

Tot Ion:106 Resp: 1539
Ion Ratio Lower Upper
106 100
91 242.7 158.8 294.8

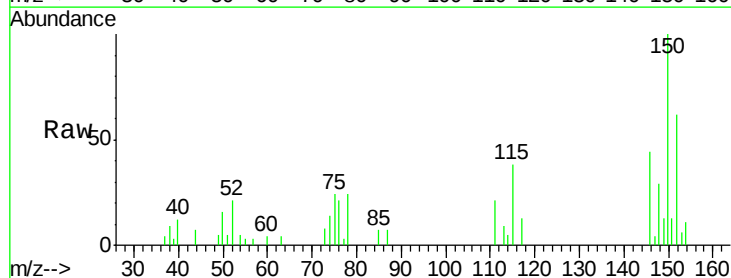


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0



#64
1,4-Dichlorobenzene
Concen: 0.184 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV016255.D
Acq: 28 May 2020 02:36

Tgt Ion:146 Resp: 2548
Ion Ratio Lower Upper
146 100
111 46.9 28.3 52.7
148 66.8 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

