

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052020\
 Data File : VV016140.D
 Acq On : 20 May 2020 18:34
 Operator : SY/MD
 Sample : L2725-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B22

Quant Time: May 21 05:22:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 21 01:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	137347	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	137273	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79190	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31401	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.58	69	34827	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.12	63	54794	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	3.98	46	103079	48.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.00%
24) Chloroform-d	4.38	84	85633	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.06	65	48651	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.08	84	158909	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.10	67	52465	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.34	98	140483	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
45) trans-1,3-Dichloropropene-	7.65	79	16056	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
48) 2-Hexanone-d5	8.12	63	104771	60.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.90%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39640	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	63260	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

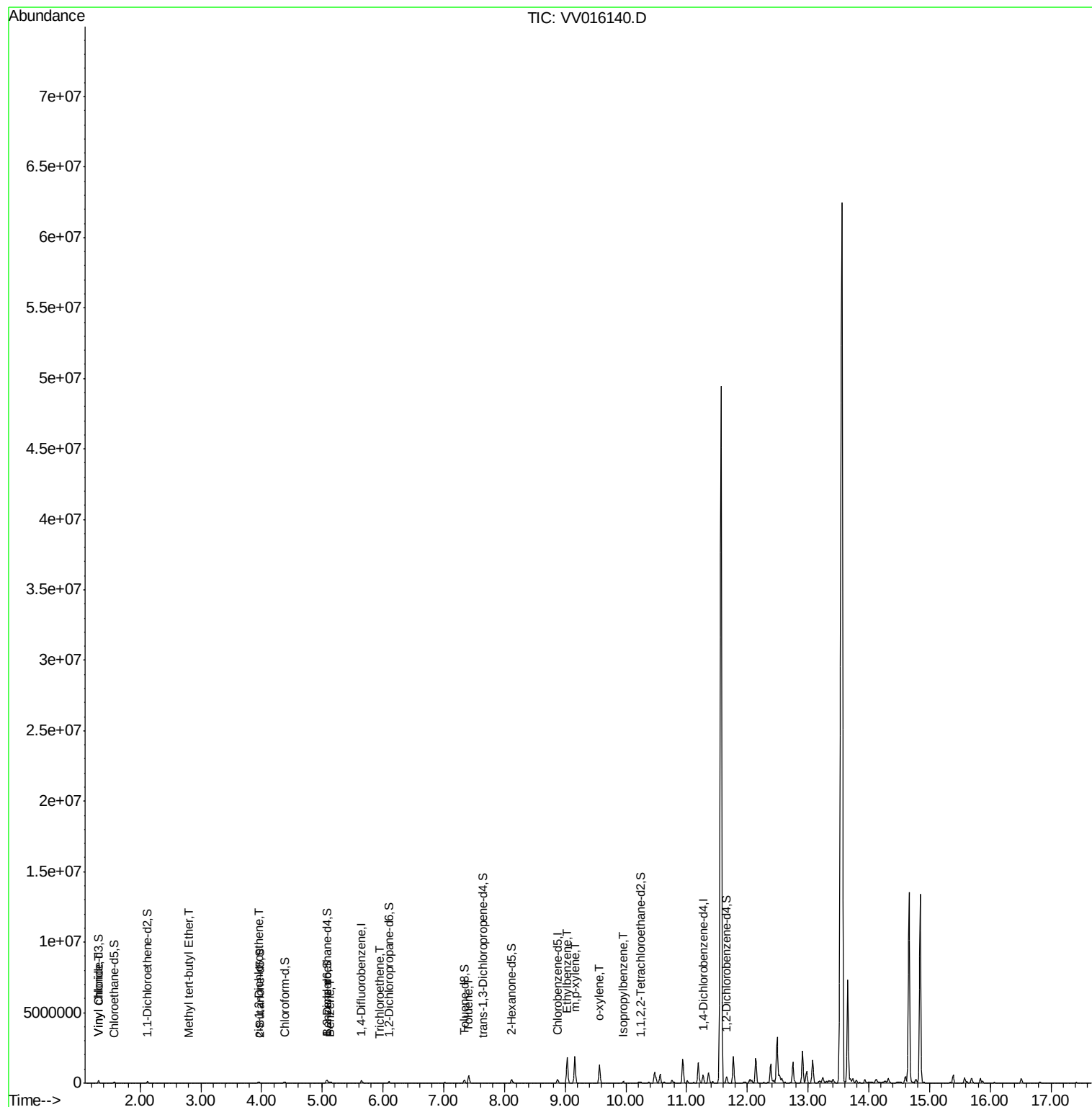
					Ovalue
5) Vinyl chloride	1.32	62	82915	8.138 ug/L	97
17) Methyl tert-butyl Ether	2.79	73	24539	1.249 ug/L	96
22) cis-1,2-Dichloroethene	3.94	96	20517	2.346 ug/L	93
33) Benzene	5.13	78	93733	2.714 ug/L	100
34) Trichloroethene	5.95	95	1167	0.118 ug/L	89
42) Toluene	7.41	91	365274	9.978 ug/L	97
54) Ethylbenzene	9.03	91	1208614	29.034 ug/L	99
55) m,p-xylene	9.16	106	484243	31.417 ug/L	98
56) o-xylene	9.57	106	312932	21.236 ug/L	96
58) Isopropylbenzene	9.95	105	79232	1.957 ug/L	99

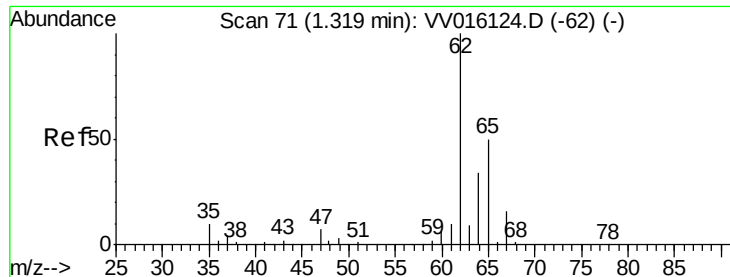
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 21 01:36:12 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 8.138 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV016140.D

Acq: 20 May 2020 18:34

Instrument :

MSVOA_V

ClientSampled :

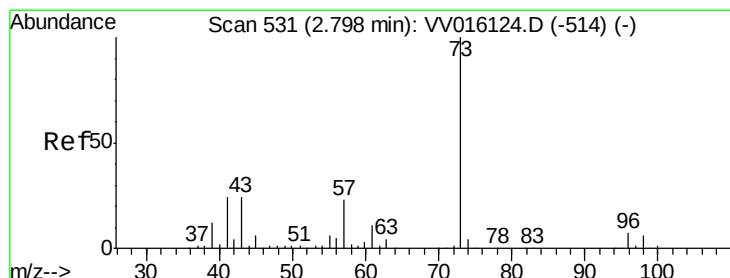
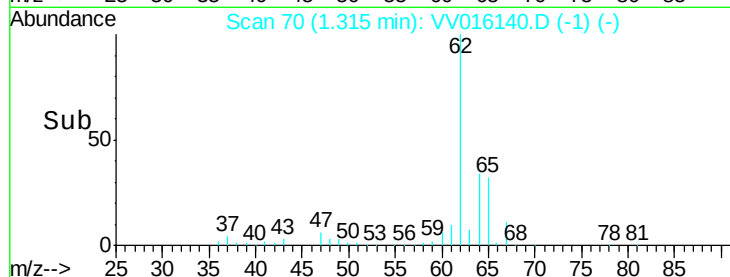
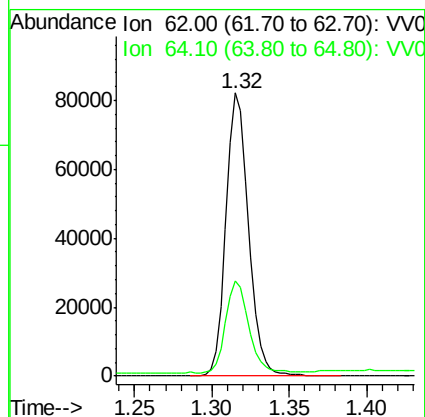
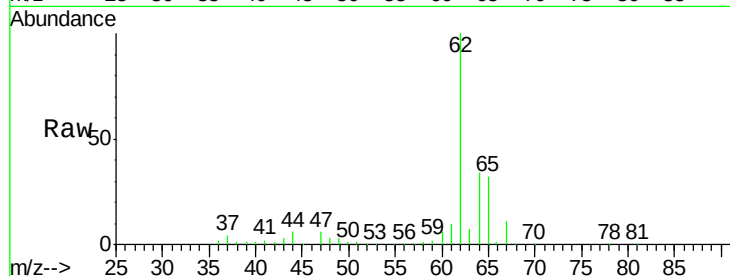
F9B22

Tot Ion: 62 Resp: 82915

Ion Ratio Lower Upper

62 100

64 33.6 22.4 41.6



#17

Methyl tert-butyl Ether

Concen: 1.249 ug/L

RT: 2.79 min Scan# 530

Delta R.T. -0.00 min

Lab File: VV016140.D

Acq: 20 May 2020 18:34

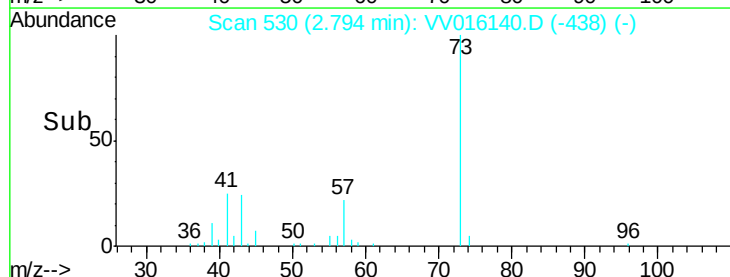
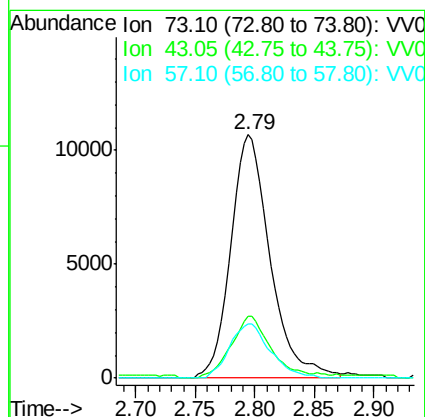
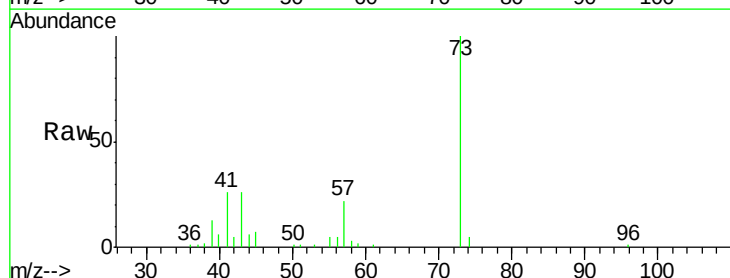
Tgt Ion: 73 Resp: 24539

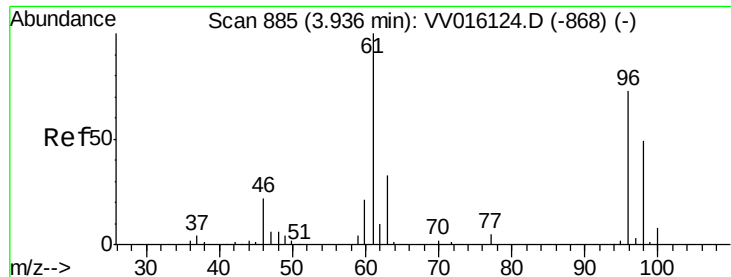
Ion Ratio Lower Upper

73 100

43 26.2 18.8 28.2

57 23.3 17.8 26.6



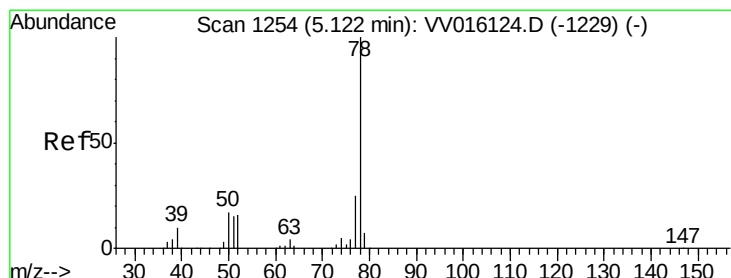
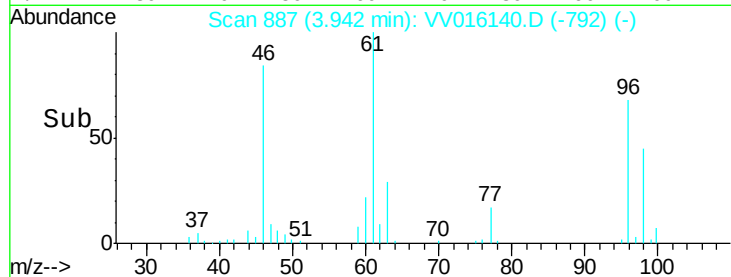
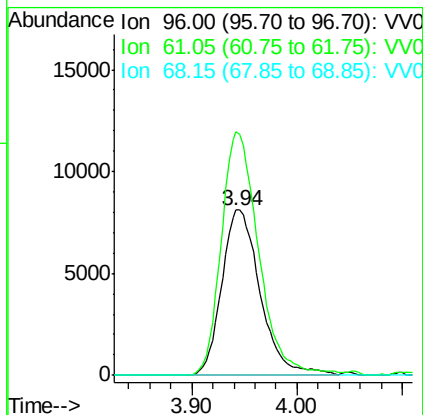
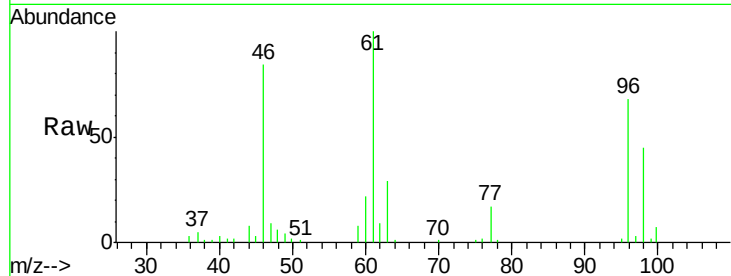


#22

cis-1,2-Dichloroethene
Concen: 2.346 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV016140.D
Acq: 20 May 2020 18:34

Instrument :
MSVOA_V
ClientSampleId :
F9B22

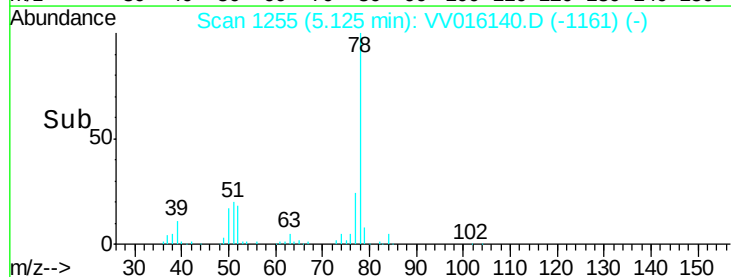
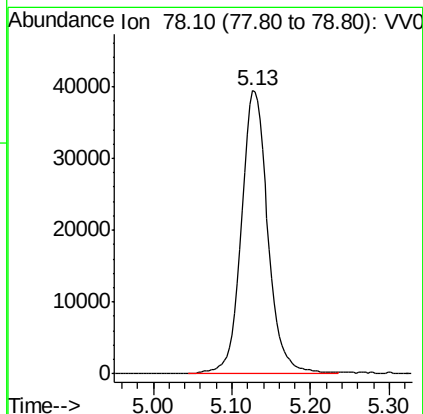
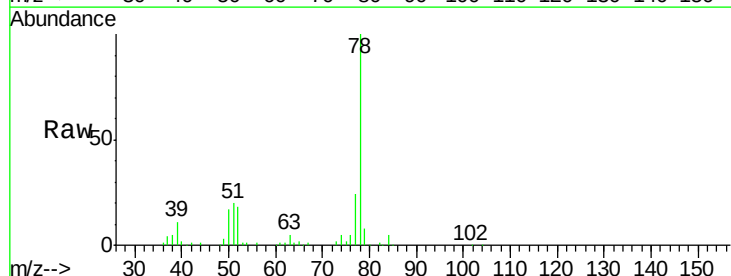
Tot Ion: 96 Resp: 20517
Ion Ratio Lower Upper
96 100
61 147.2 97.2 180.6
68 0.0 0.0 0.0

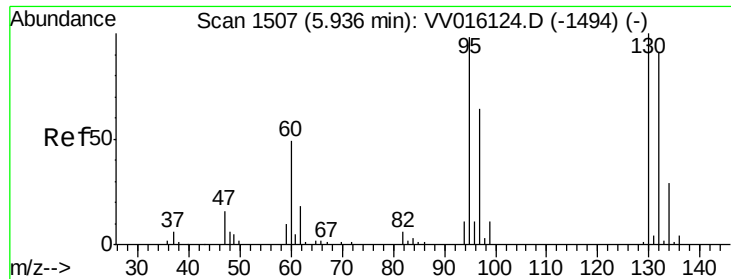


#33

Benzene
Concen: 2.714 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV016140.D
Acq: 20 May 2020 18:34

Tgt Ion: 78 Resp: 93733





#34

Trichloroethene

Concen: 0.118 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV016140.D

Acq: 20 May 2020 18:34

Instrument :

MSVOA_V

ClientSampleId :

F9B22

Tot Ion: 95 Resp: 1167

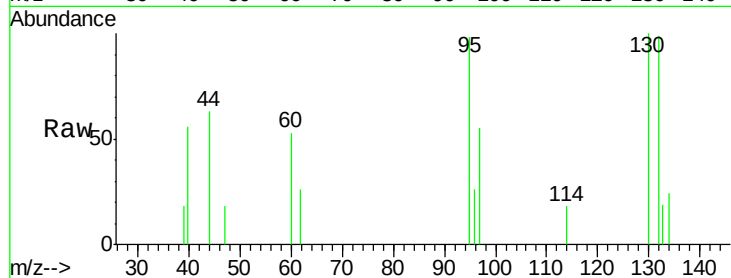
Ion Ratio Lower Upper

95 100

97 56.4 43.3 80.5

132 101.3 60.3 112.1

130 102.1 66.0 122.6

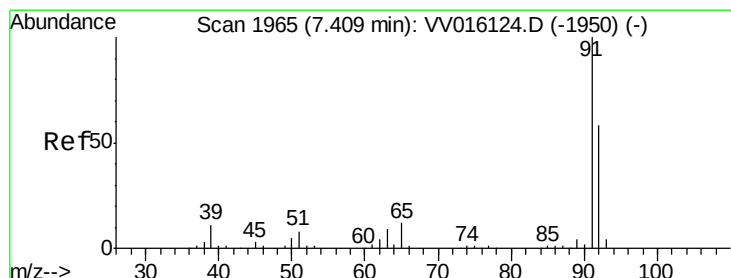
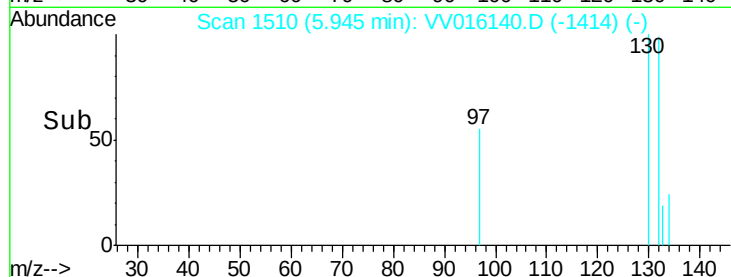
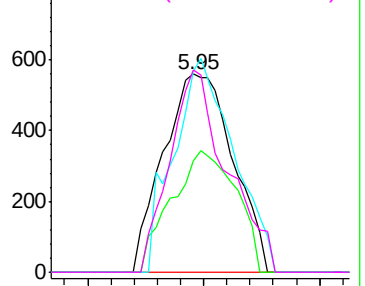


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#42

Toluene

Concen: 9.978 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016140.D

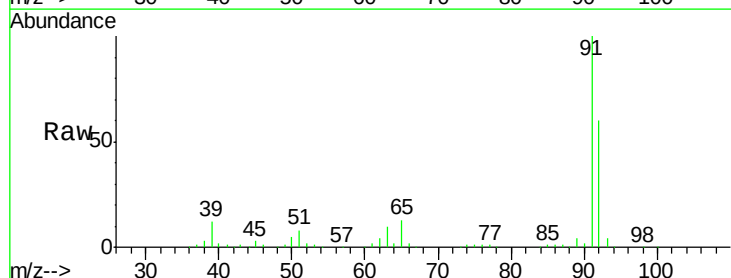
Acq: 20 May 2020 18:34

Tgt Ion: 91 Resp: 365274

Ion Ratio Lower Upper

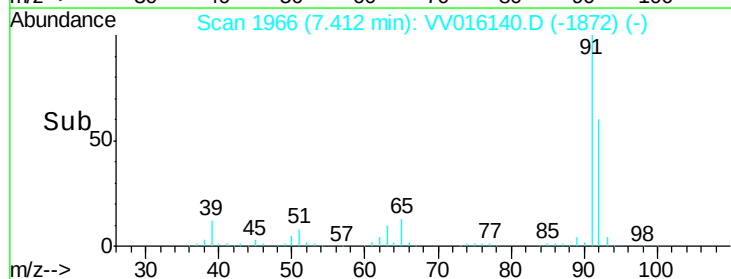
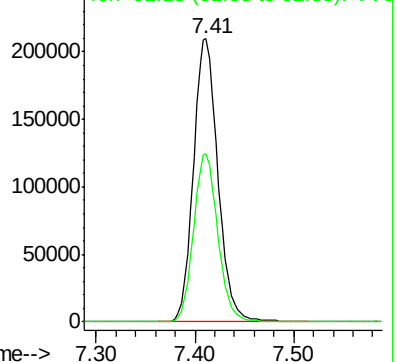
91 100

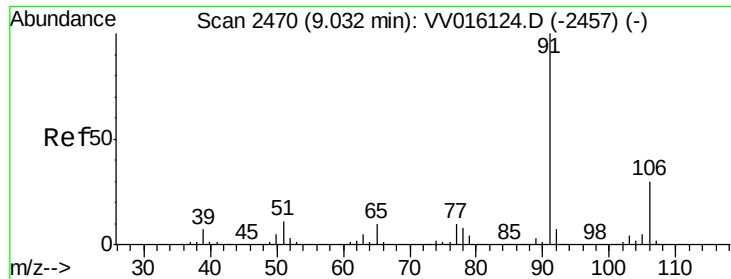
92 59.6 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#54

Ethylbenzene

Concen: 29.034 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV016140.D

Acq: 20 May 2020 18:34

Instrument :

MSVOA_V

ClientSampled :

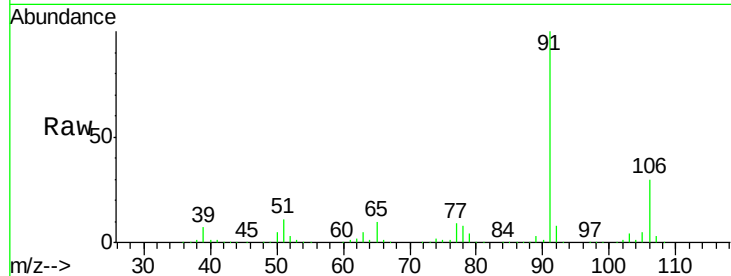
F9B22

Tot Ion: 91 Resp: 1208614

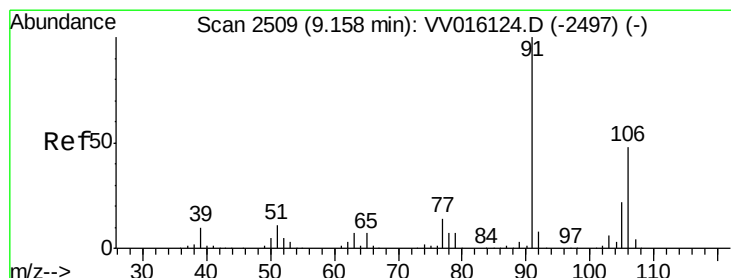
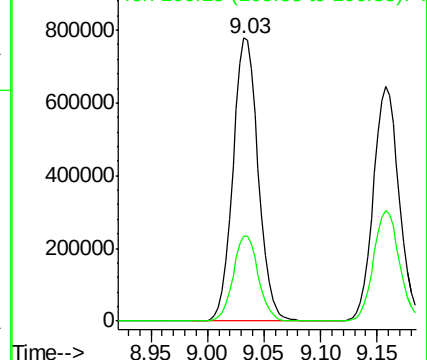
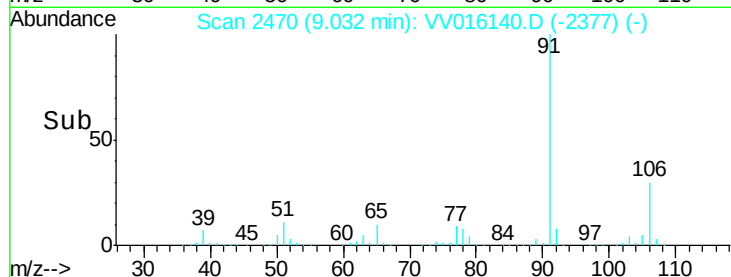
Ion Ratio Lower Upper

91 100

106 30.1 20.6 38.4



Abundance Ion 91.15 (90.85 to 91.85): VV016140.D (-2377) (-)



#55

m,p-xylene

Concen: 31.417 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV016140.D

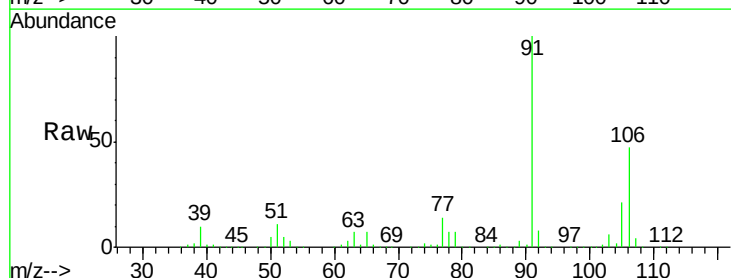
Acq: 20 May 2020 18:34

Tgt Ion: 106 Resp: 484243

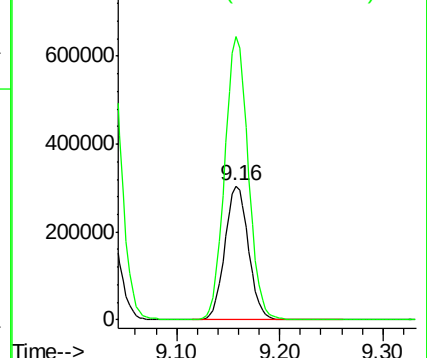
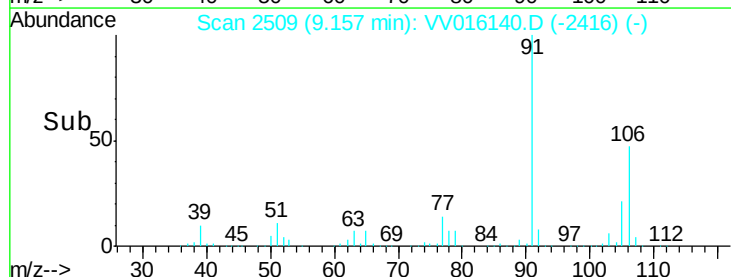
Ion Ratio Lower Upper

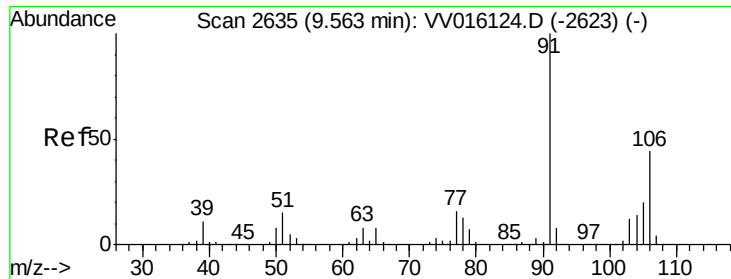
106 100

91 211.2 149.9 278.3



Abundance Ion 106.15 (105.85 to 106.85): VV016140.D (-2416) (-)

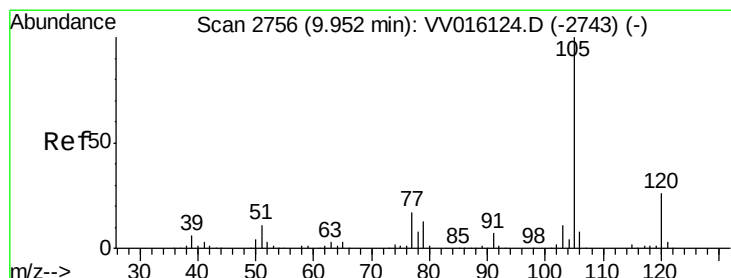
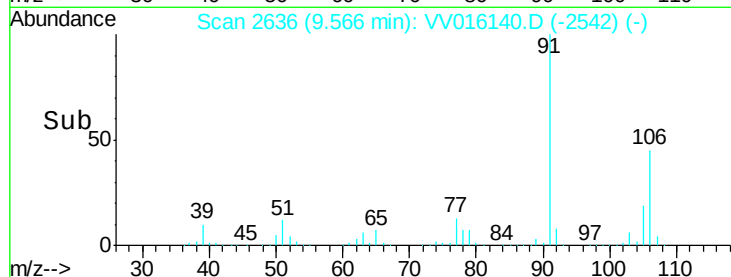
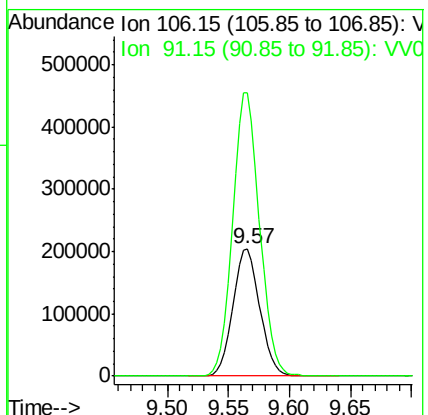
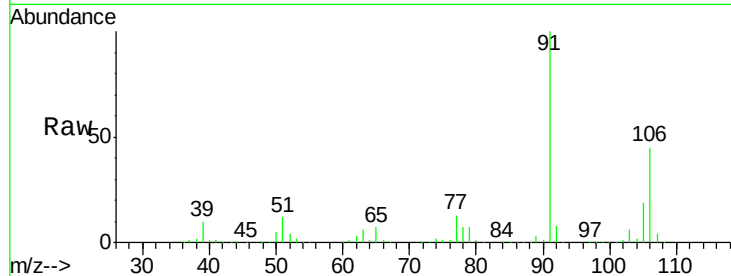




#56
o-xylene
Concen: 21.236 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016140.D
Acq: 20 May 2020 18:34

Instrument :
MSVOA_V
ClientSampled :
F9B22

Tot Ion:106 Resp: 312932
Ion Ratio Lower Upper
106 100
91 222.2 159.7 296.5



#58
Isopropylbenzene
Concen: 1.957 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016140.D
Acq: 20 May 2020 18:34

Tgt Ion:105 Resp: 79232
Ion Ratio Lower Upper
105 100
120 25.3 20.8 31.2
77 17.1 14.1 21.1

