

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053120\
 Data File : VV016378.D
 Acq On : 31 May 2020 10:36
 Operator : SY/MD
 Sample : L2662-15DL 40X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B26DL

Quant Time: Jun 01 07:33:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 07:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	84084	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	79461	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	38541	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30795	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.58	69	23890	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.12	63	41993	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.96	46	73163	46.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.12%
24) Chloroform-d	4.38	84	55138	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.06	65	29868	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.08	84	109701	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.10	67	33308	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.34	98	94673	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
45) trans-1,3-Dichloropropene-	7.65	79	10996	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
48) 2-Hexanone-d5	8.12	63	57276	48.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.90%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23283	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	34757	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

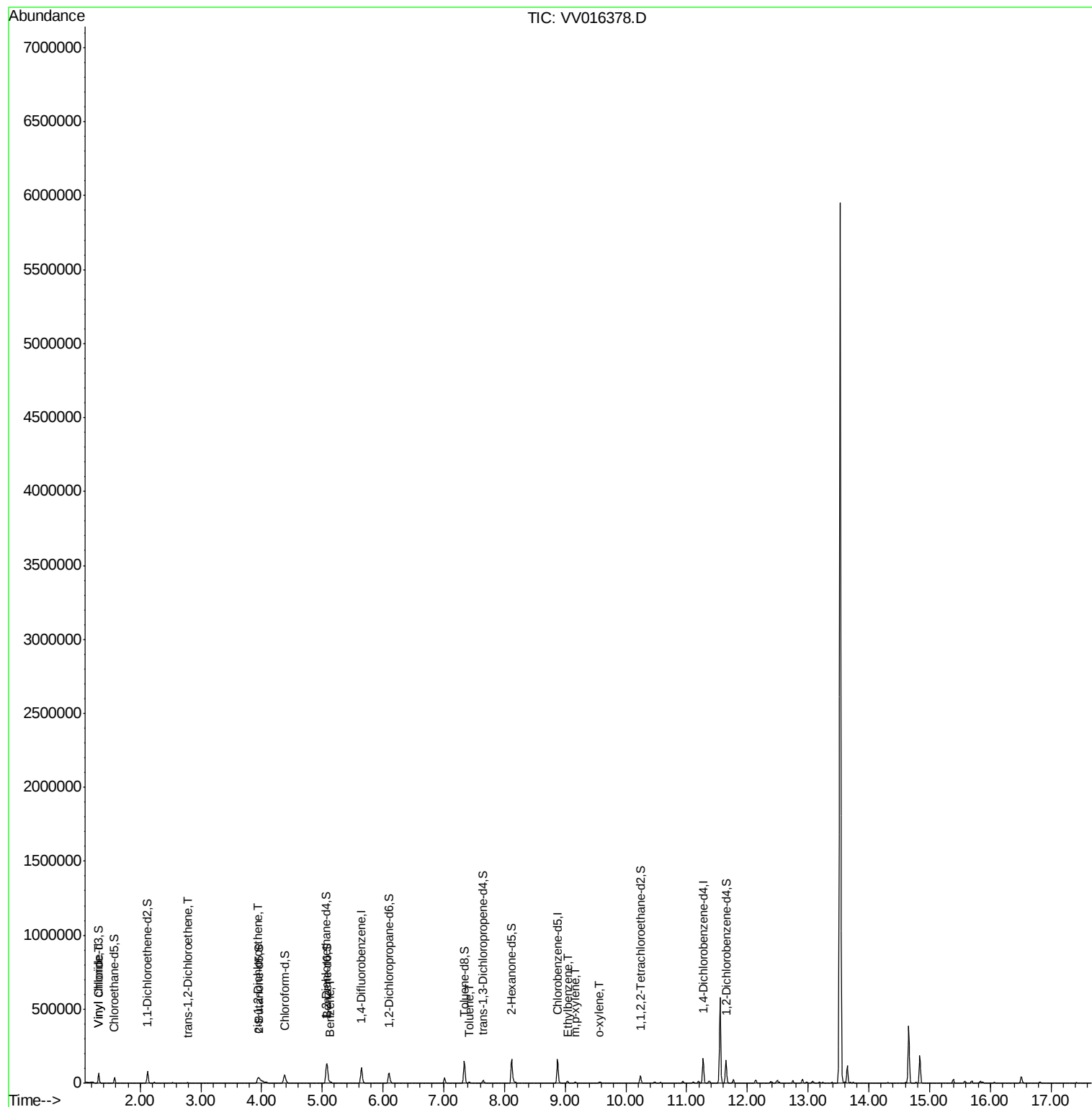
					Ovalue
5) Vinyl chloride	1.32	62	12591	1.679 ug/L	95
18) trans-1,2-Dichloroethene	2.78	96	634	0.110 ug/L	92
22) cis-1,2-Dichloroethene	3.94	96	10592	1.671 ug/L	100
33) Benzene	5.13	78	5297	0.225 ug/L	100
42) Toluene	7.41	91	6550	0.262 ug/L	93
54) Ethylbenzene	9.04	91	8056	0.292 ug/L	94
55) m,p-xylene	9.16	106	2486	0.241 ug/L	97
56) o-xylene	9.57	106	2057	0.212 ug/L	100

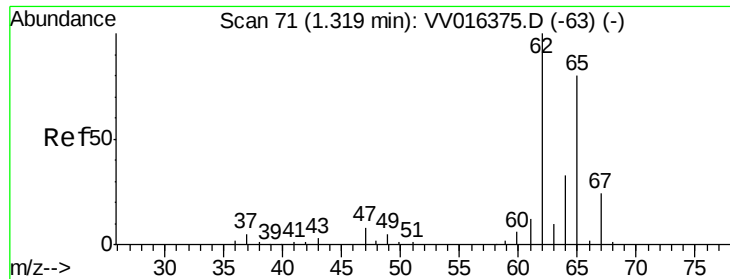
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 07:14:30 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.679 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016378.D

Acq: 31 May 2020 10:36

Instrument :

MSVOA_V

ClientSampleId :

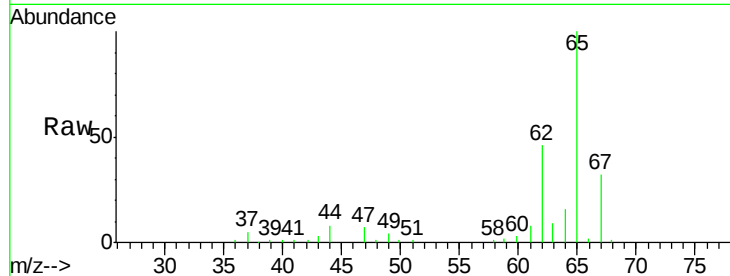
F9B26DL

Tot Ion: 62 Resp: 12591

Ion Ratio Lower Upper

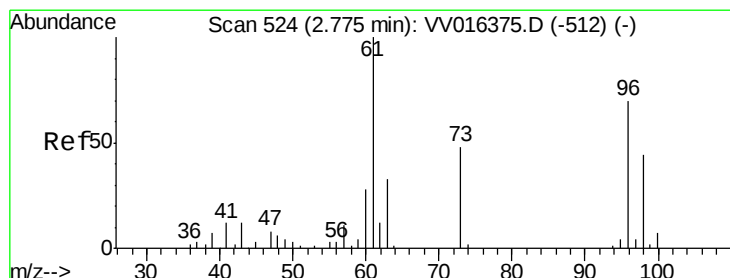
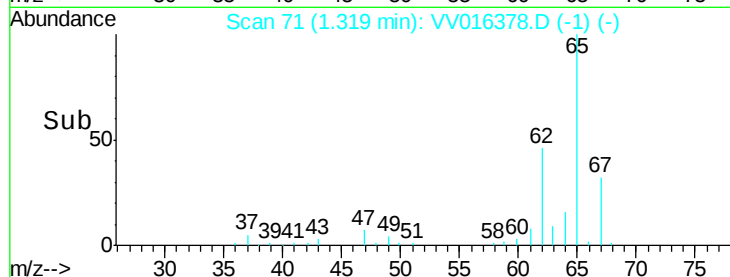
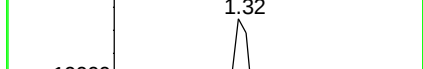
62 100

64 35.6 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#18

trans-1,2-Dichloroethene

Concen: 0.110 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV016378.D

Acq: 31 May 2020 10:36

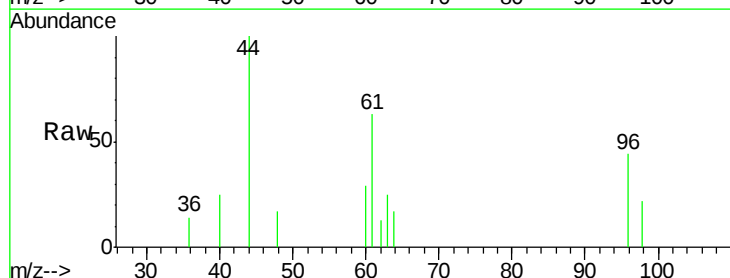
Tgt Ion: 96 Resp: 634

Ion Ratio Lower Upper

96 100

61 142.5 103.1 191.5

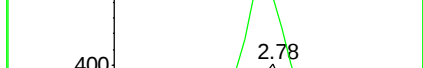
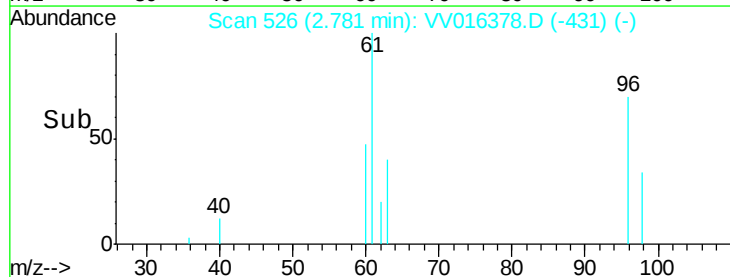
98 48.8 43.0 79.8

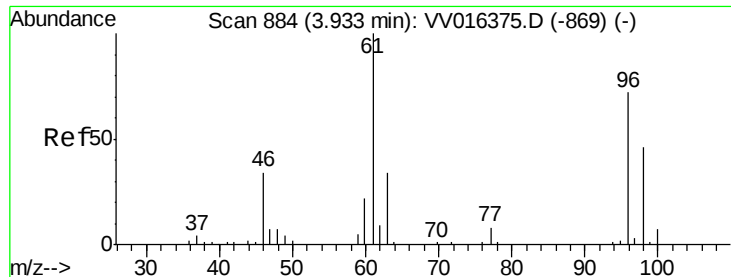


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



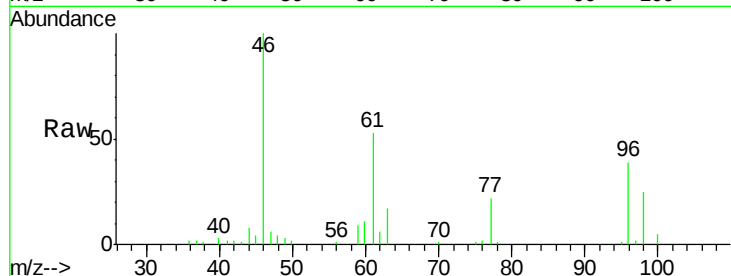


#22

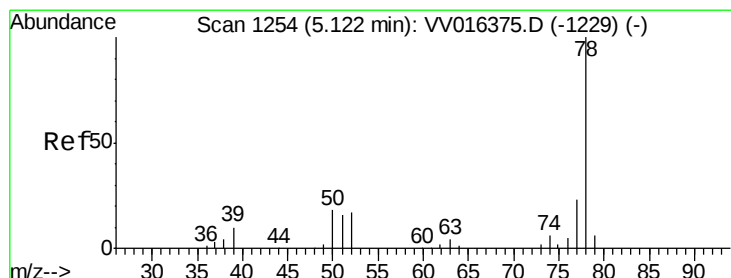
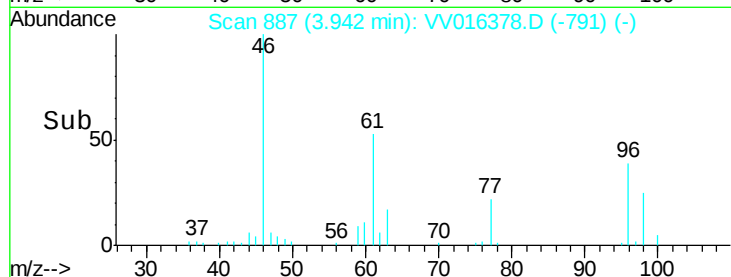
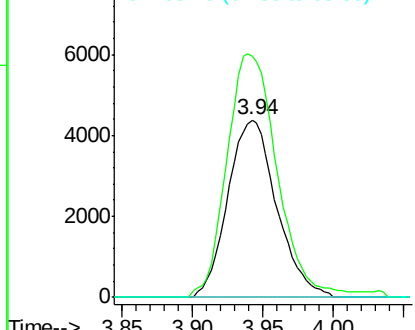
cis-1,2-Dichloroethene
Concen: 1.671 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV016378.D
Acq: 31 May 2020 10:36

Instrument :
MSVOA_V
ClientSampleId :
F9B26DL

Tot Ion: 96 Resp: 10592
Ion Ratio Lower Upper
96 100
61 135.9 94.8 176.0
68 0.0 0.0 0.0



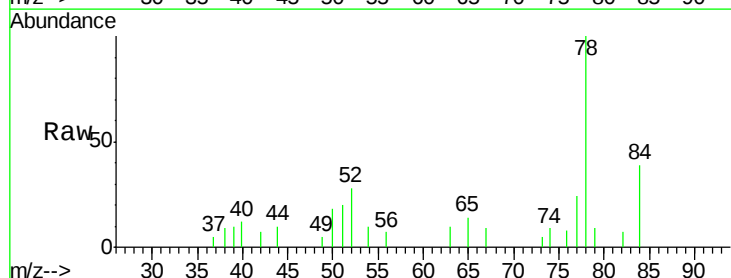
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



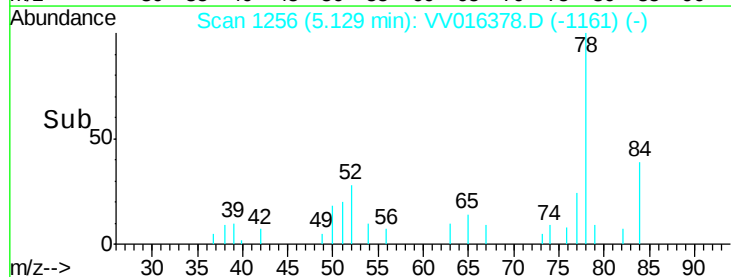
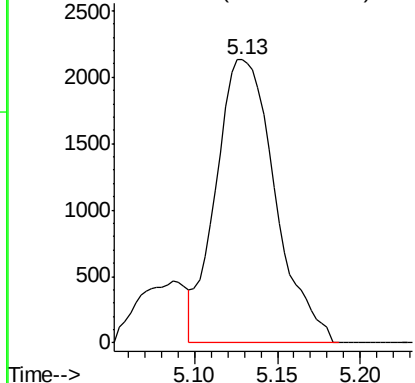
#33

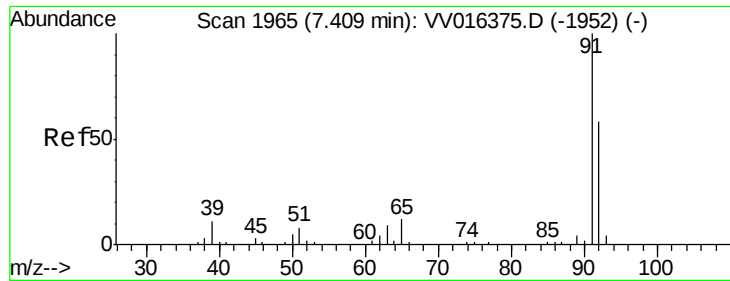
Benzene
Concen: 0.225 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV016378.D
Acq: 31 May 2020 10:36

Tgt Ion: 78 Resp: 5297



Abundance Ion 78.10 (77.80 to 78.80): VV0





#42

Toluene

Concen: 0.262 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016378.D

Acq: 31 May 2020 10:36

Instrument :

MSVOA_V

ClientSampleId :

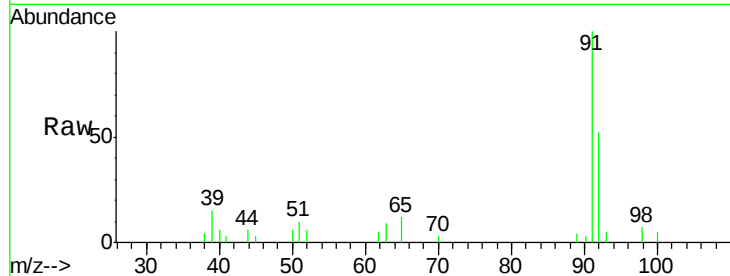
F9B26DL

Tot Ion: 91 Resp: 6550

Ion Ratio Lower Upper

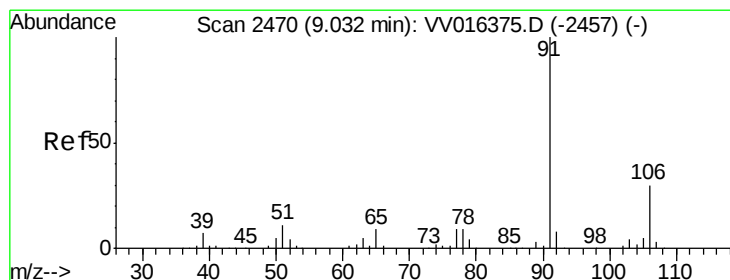
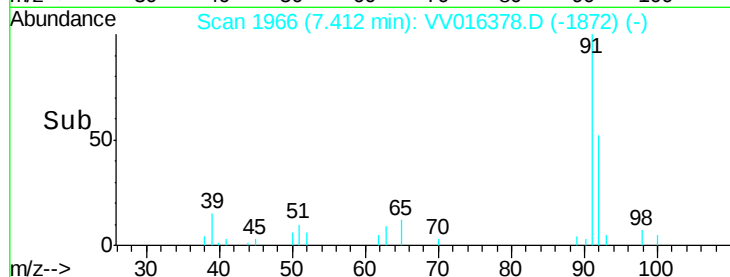
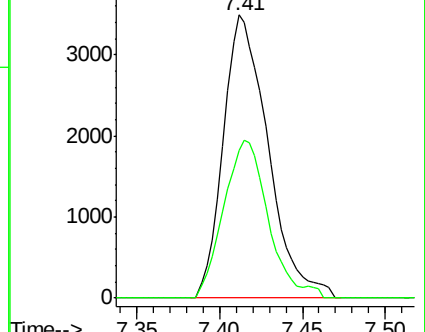
91 100

92 52.3 40.5 75.1



Abundance Ion 91.15 (90.85 to 91.85): VV016375.D (-1952) (-)

Ion 92.15 (91.85 to 92.85): VV016375.D (-1952) (-)



#54

Ethylbenzene

Concen: 0.292 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016378.D

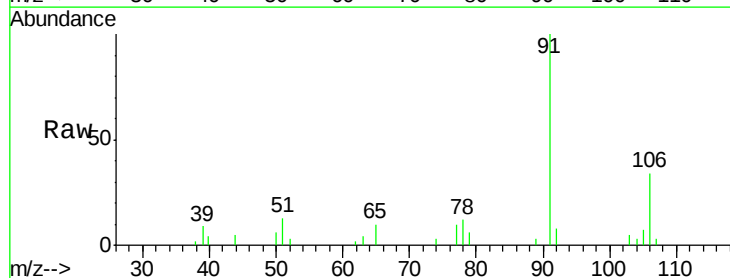
Acq: 31 May 2020 10:36

Tgt Ion: 91 Resp: 8056

Ion Ratio Lower Upper

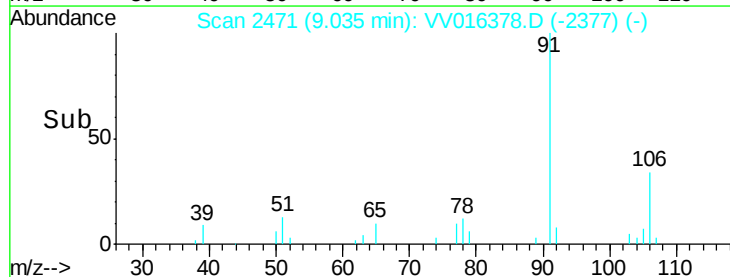
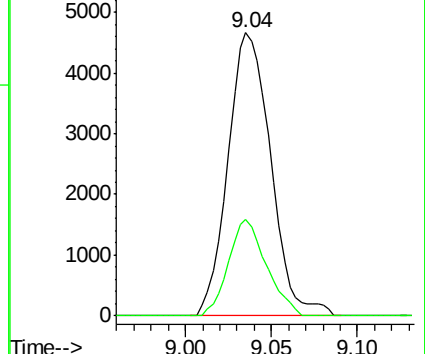
91 100

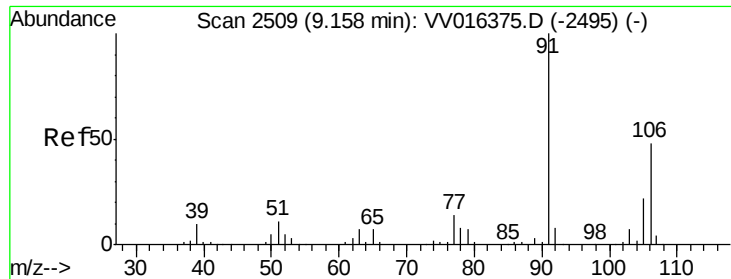
106 33.9 21.4 39.8



Abundance Ion 91.15 (90.85 to 91.85): VV016375.D (-2457) (-)

Ion 106.15 (105.85 to 106.85): VV016375.D (-2457) (-)

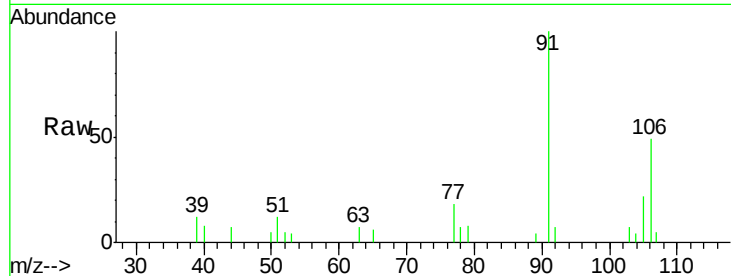




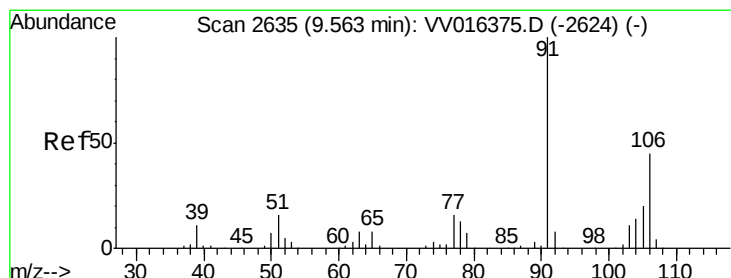
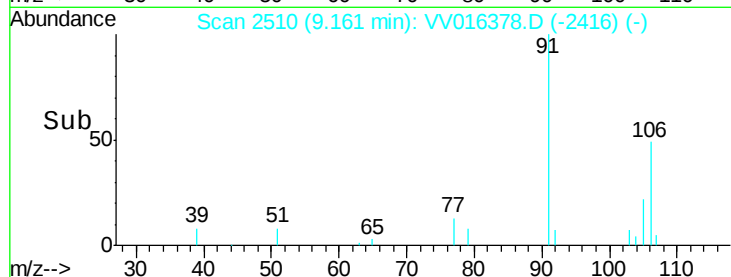
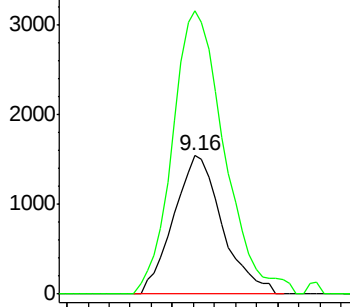
#55
m,p-xylene
Concen: 0.241 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV016378.D
Acq: 31 May 2020 10:36

Instrument :
MSVOA_V
ClientSampled :
F9B26DL

Tot Ion:106 Resp: 2486
Ion Ratio Lower Upper
106 100
91 204.5 146.6 272.2

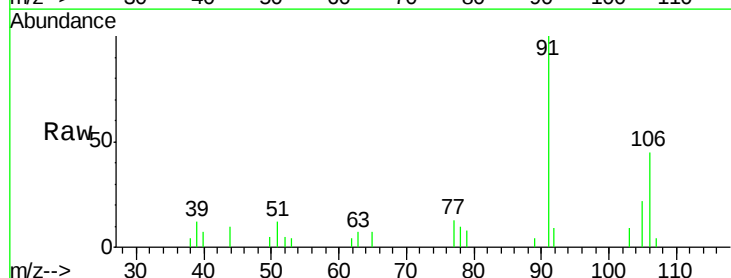


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0



#56
o-xylene
Concen: 0.212 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016378.D
Acq: 31 May 2020 10:36

Tgt Ion:106 Resp: 2057
Ion Ratio Lower Upper
106 100
91 222.4 155.2 288.2



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

