

Data File : VV016544.D
Acq On : 05 Jun 2020 18:28
Operator : SY/MD
Sample : L2861-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E61

Quant Time: Jun 06 05:30:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 00:07:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	420656	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	398109	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	195108	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	117468	39.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.86%
7) Chloroethane-d5	1.56	69	81969	38.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.22%
11) 1,1-Dichloroethene-d2	2.11	63	154265	29.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.42%#
21) 2-Butanone-d5	3.89	46	180974	94.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.99%
24) Chloroform-d	4.37	84	230949	41.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.05	65	159178	42.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.02%
32) Benzene-d6	5.07	84	461889	43.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.62%
36) 1,2-Dichloropropane-d6	6.09	67	147141	44.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.56%
41) Toluene-d8	7.34	98	423722	43.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.50%
43) trans-1,3-Dichloropropene-	7.64	79	65211	40.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.54%
47) 2-Hexanone-d5	8.11	63	137942	96.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.93%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	198906	44.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	177724	48.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.94%

Target Compounds

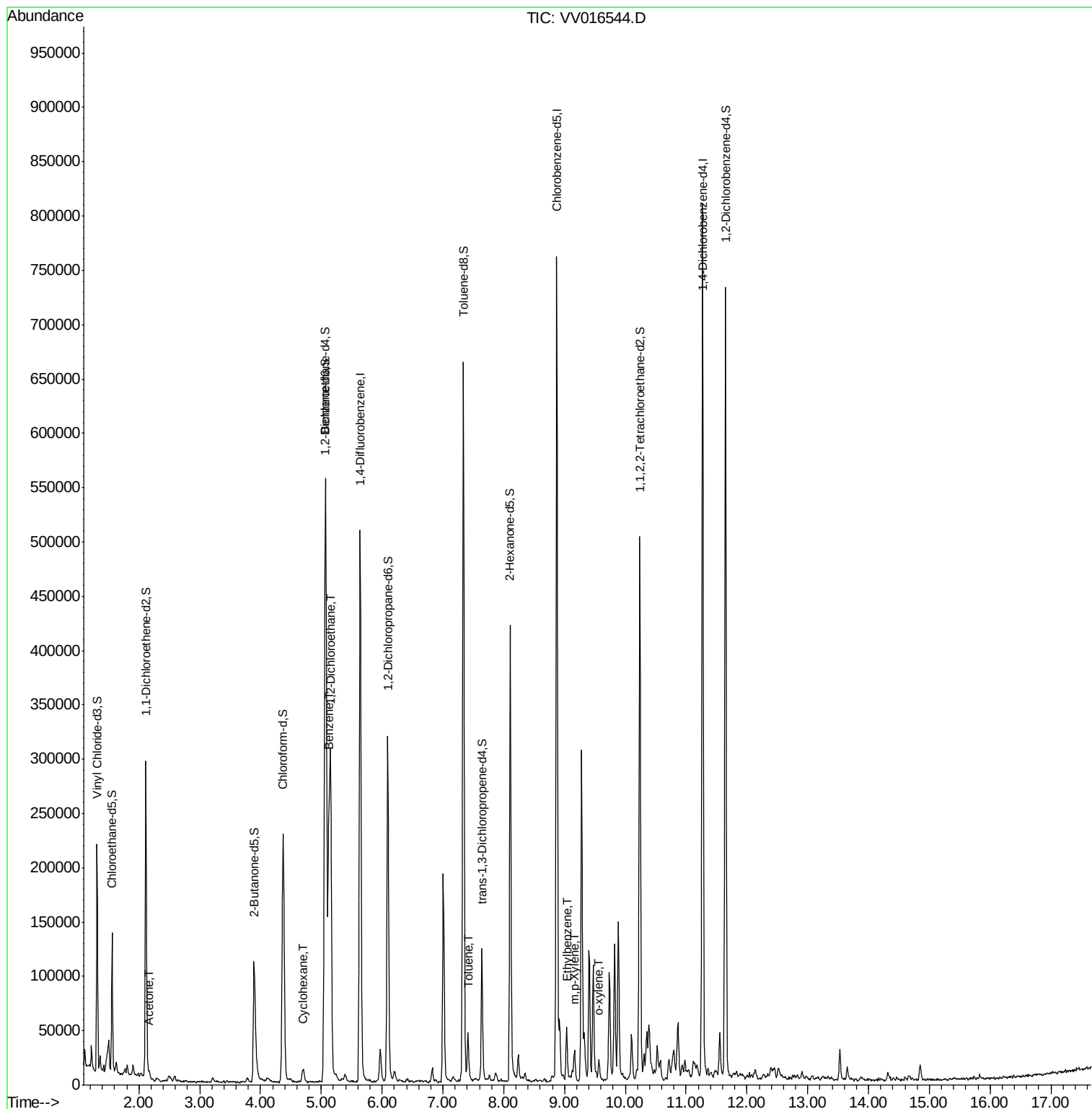
					Qvalue
13) Acetone	2.17	43	5098	2.863 ug/L	92
27) 1,2-Dichloroethane	5.15	62	245206	52.832 ug/L	98
29) Cyclohexane	4.71	56	6945	1.470 ug/L #	90
33) Benzene	5.12	78	223329	19.074 ug/L	100
42) Toluene	7.41	91	31684	2.554 ug/L	97
52) Ethylbenzene	9.04	91	32285	2.391 ug/L	97
53) m,p-Xylene	9.16	106	7495	1.472 ug/L	94
54) o-xylene	9.57	106	4552	0.923 ug/L	92

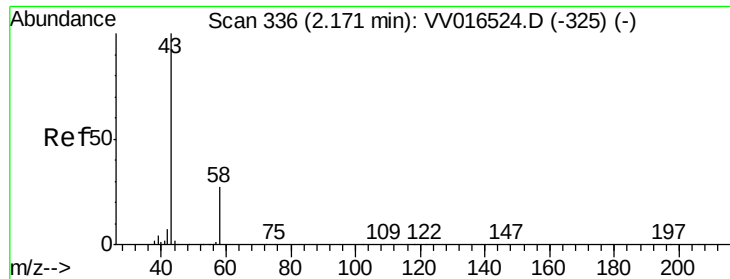
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV016544.D
Acq On : 05 Jun 2020 18:28
Operator : SY/MD
Sample : L2861-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E61

Quant Time: Jun 06 05:30:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 00:07:58 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.863 ug/L

RT: 2.17 min Scan# 336

Delta R.T. 0.00 min

Lab File: VV016544.D

Acq: 05 Jun 2020 18:28

Instrument :

MSVOA_V

ClientSampleId :

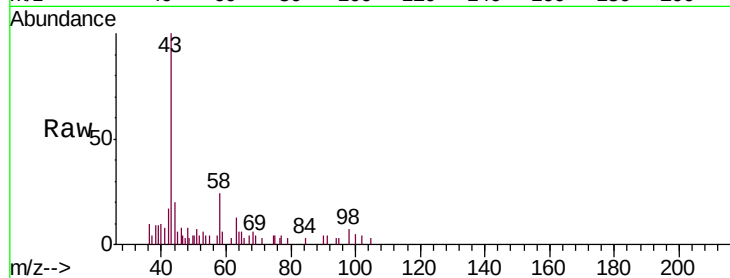
F9E61

Tgt Ion: 43 Resp: 5098

Ion Ratio Lower Upper

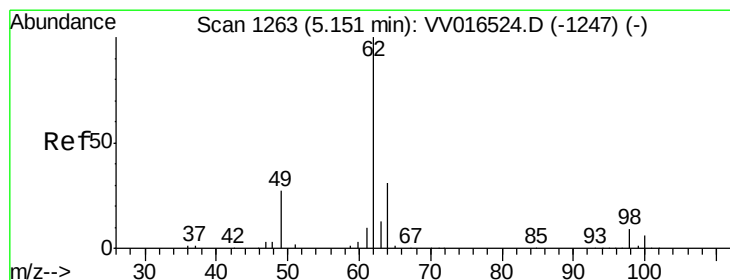
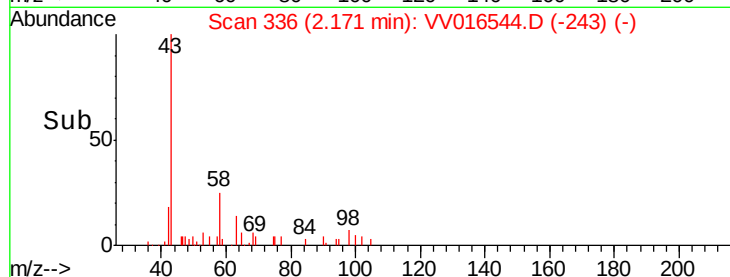
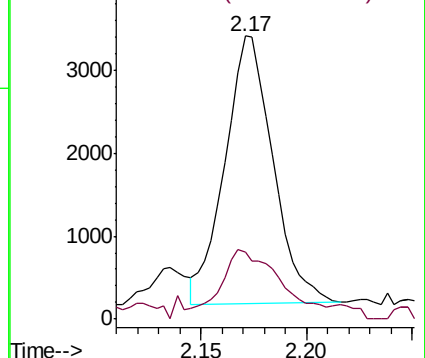
43 100

58 32.9 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV016524.D (-325) (-)

Ion 58.00 (57.70 to 58.70): VV016524.D (-325) (-)



#27

1,2-Dichloroethane

Concen: 52.832 ug/L

RT: 5.15 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VV016544.D

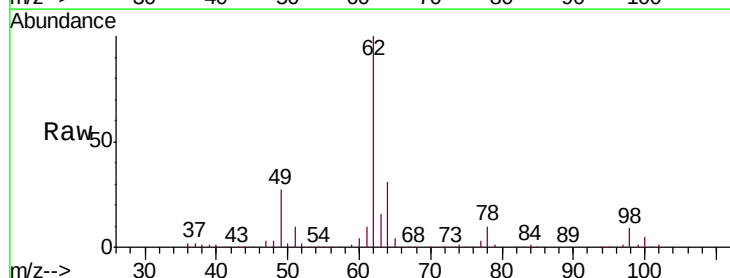
Acq: 05 Jun 2020 18:28

Tgt Ion: 62 Resp: 245206

Ion Ratio Lower Upper

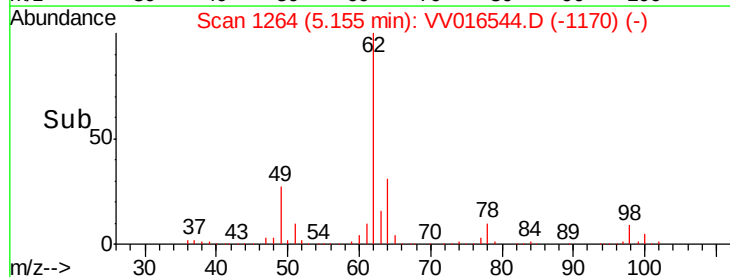
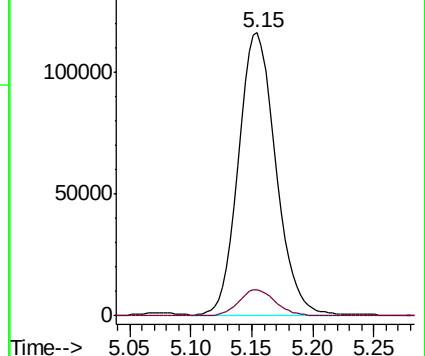
62 100

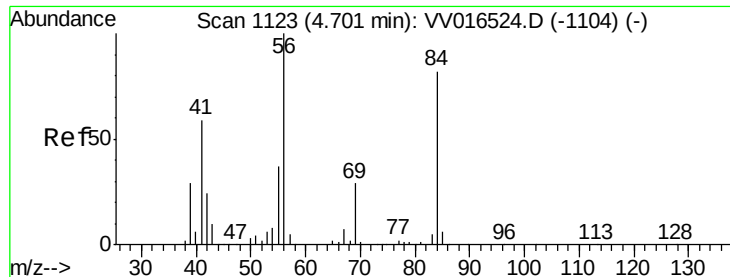
98 9.1 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV016524.D (-1247) (-)

Ion 98.00 (97.70 to 98.70): VV016524.D (-1247) (-)

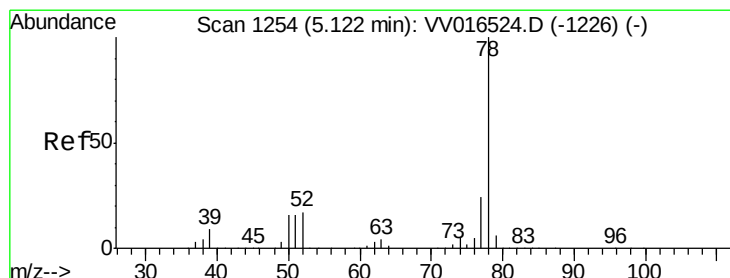
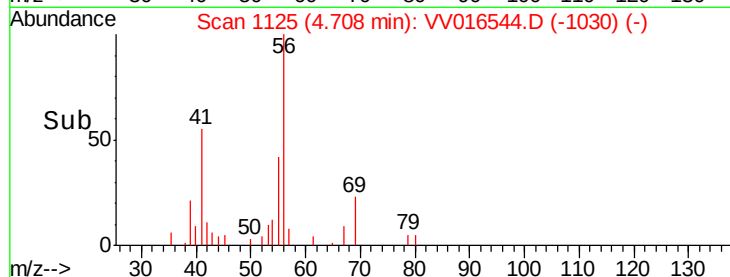
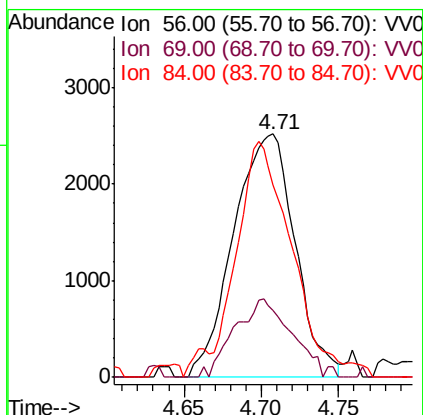
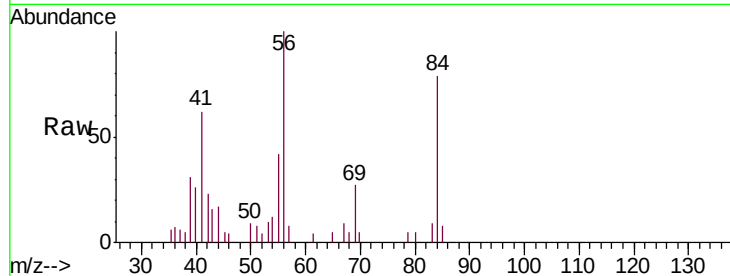




#29
Cyclohexane
Concen: 1.470 ug/L
RT: 4.71 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VV016544.D
Acq: 05 Jun 2020 18:28

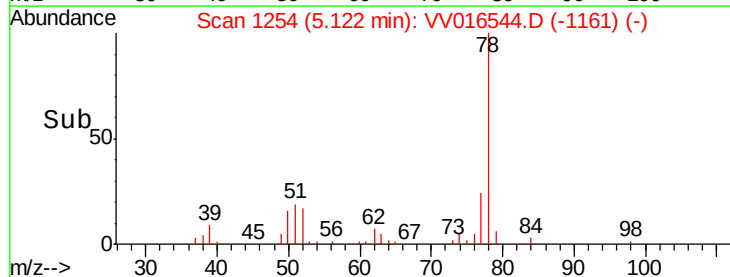
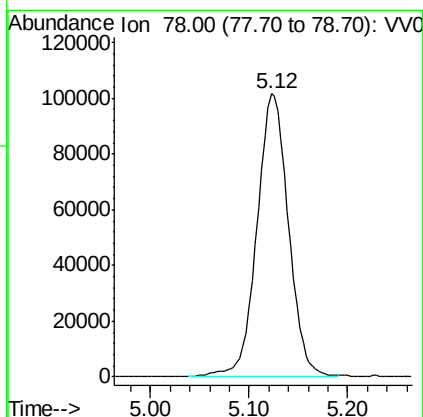
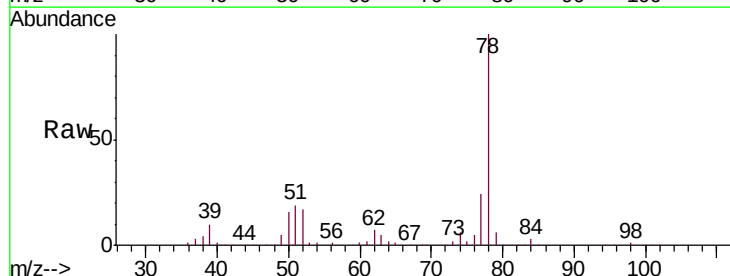
Instrument :
MSVOA_V
ClientSampleId :
F9E61

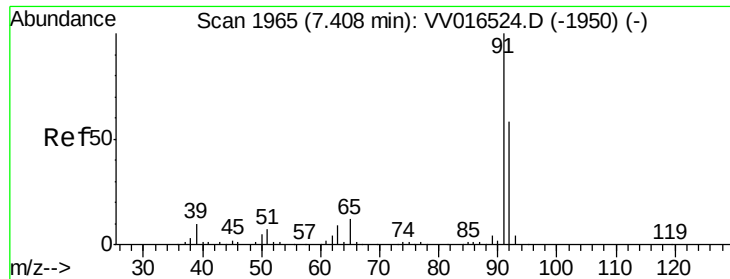
Tgt Ion: 56 Resp: 6945
Ion Ratio Lower Upper
56 100
69 20.0 23.9 35.9#
84 78.9 68.2 102.2



#33
Benzene
Concen: 19.074 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016544.D
Acq: 05 Jun 2020 18:28

Tgt Ion: 78 Resp: 223329





#42

Toluene

Concen: 2.554 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016544.D

Acq: 05 Jun 2020 18:28

Instrument :

MSVOA_V

ClientSampleId :

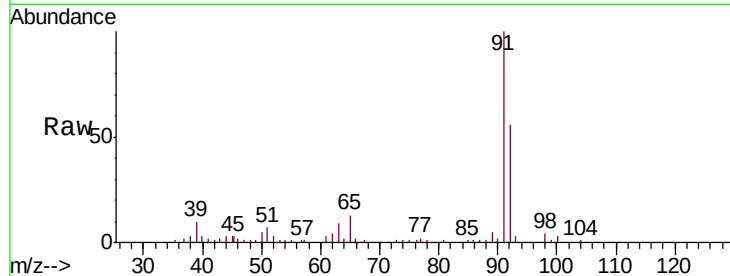
F9E61

Tgt Ion: 91 Resp: 31684

Ion Ratio Lower Upper

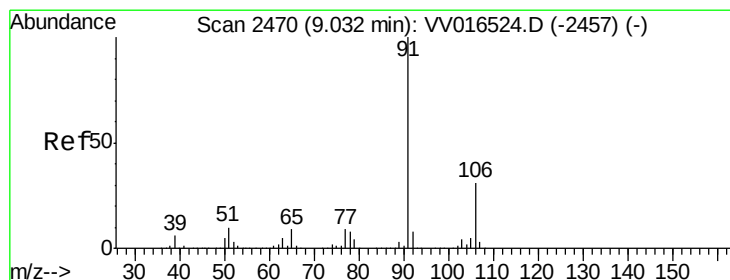
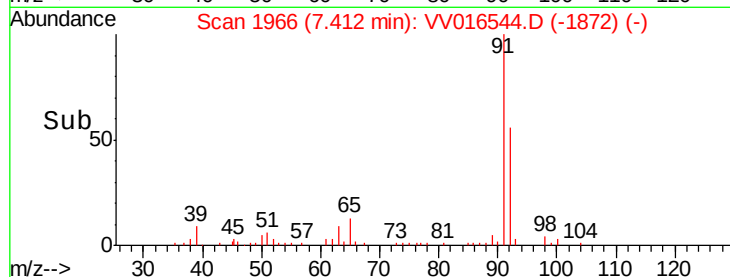
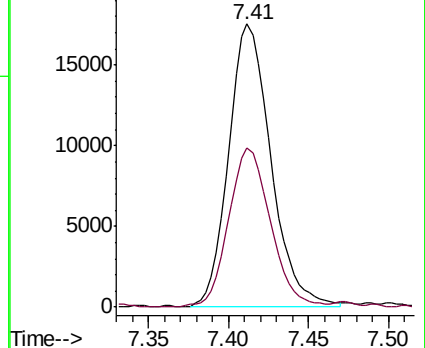
91 100

92 56.3 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV016544.D (-1950) (-)

Ion 92.00 (91.70 to 92.70): VV016544.D (-1950) (-)



#52

Ethylbenzene

Concen: 2.391 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016544.D

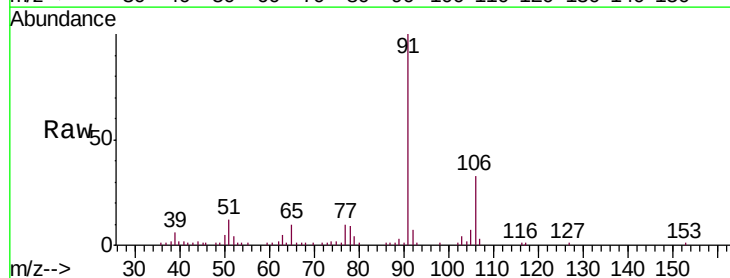
Acq: 05 Jun 2020 18:28

Tgt Ion: 91 Resp: 32285

Ion Ratio Lower Upper

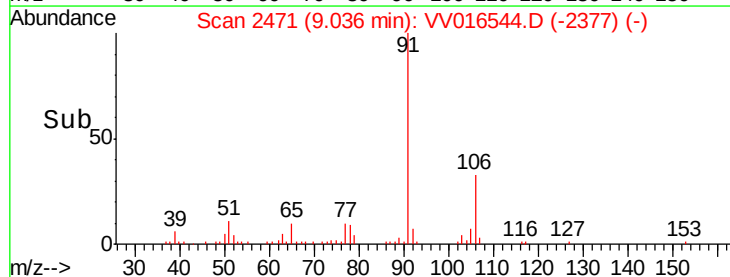
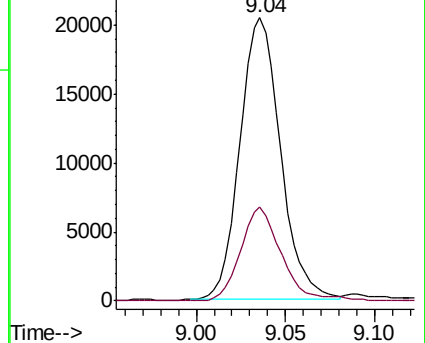
91 100

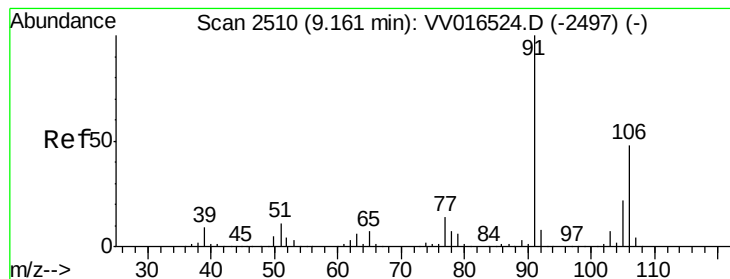
106 33.0 21.8 40.4



Abundance Ion 91.00 (90.70 to 91.70): VV016544.D (-2457) (-)

Ion 106.00 (105.70 to 106.70): VV016544.D (-2457) (-)





#53

m,p-Xylene

Concen: 1.472 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VV016544.D

Acq: 05 Jun 2020 18:28

Instrument :

MSVOA_V

ClientSampled :

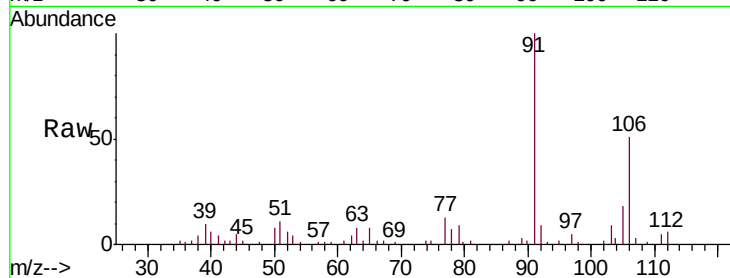
F9E61

Tgt Ion:106 Resp: 7495

Ion Ratio Lower Upper

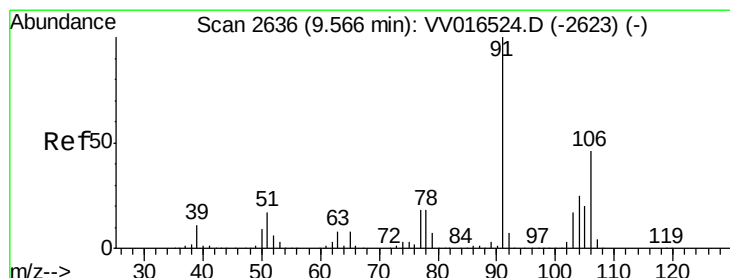
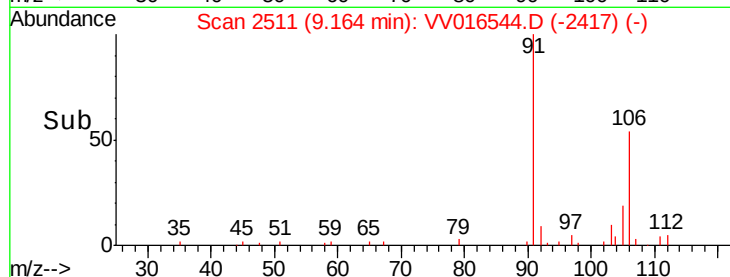
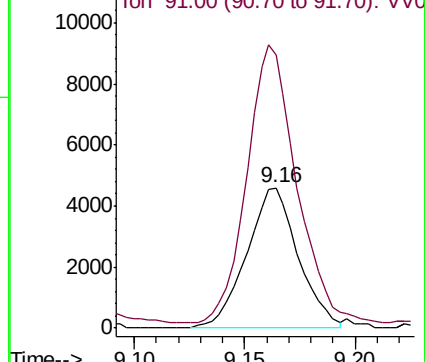
106 100

91 194.3 142.5 264.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 0.923 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016544.D

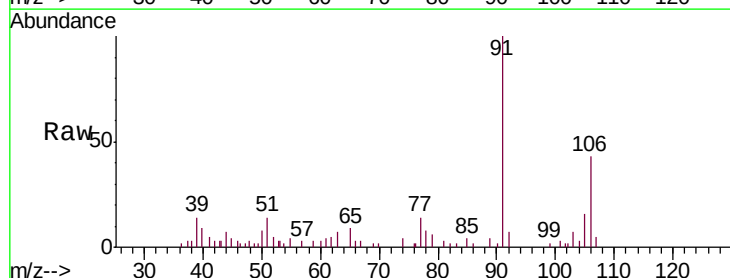
Acq: 05 Jun 2020 18:28

Tgt Ion:106 Resp: 4552

Ion Ratio Lower Upper

106 100

91 230.4 152.5 283.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

