

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016560.D
 Acq On : 06 Jun 2020 01:41
 Operator : SY/MD
 Sample : L2862-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 06 06:31:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 06:28:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	377410	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	351818	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	175498	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	121558	45.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.94%
7) Chloroethane-d5	1.56	69	86475	44.81	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.62%
11) 1,1-Dichloroethene-d2	2.12	63	167298	35.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.62%
21) 2-Butanone-d5	3.89	46	201013	117.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.60%
24) Chloroform-d	4.37	84	250000	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
26) 1,2-Dichloroethane-d4	5.05	65	176335	52.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.98%
32) Benzene-d6	5.07	84	502591	53.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.66%
36) 1,2-Dichloropropane-d6	6.09	67	159152	54.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.40%
41) Toluene-d8	7.34	98	450598	52.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.30%
43) trans-1,3-Dichloropropene-	7.64	79	71572	50.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.02%
47) 2-Hexanone-d5	8.11	63	150763	119.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.88%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	211413	53.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	190166	57.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.32%

Target Compounds

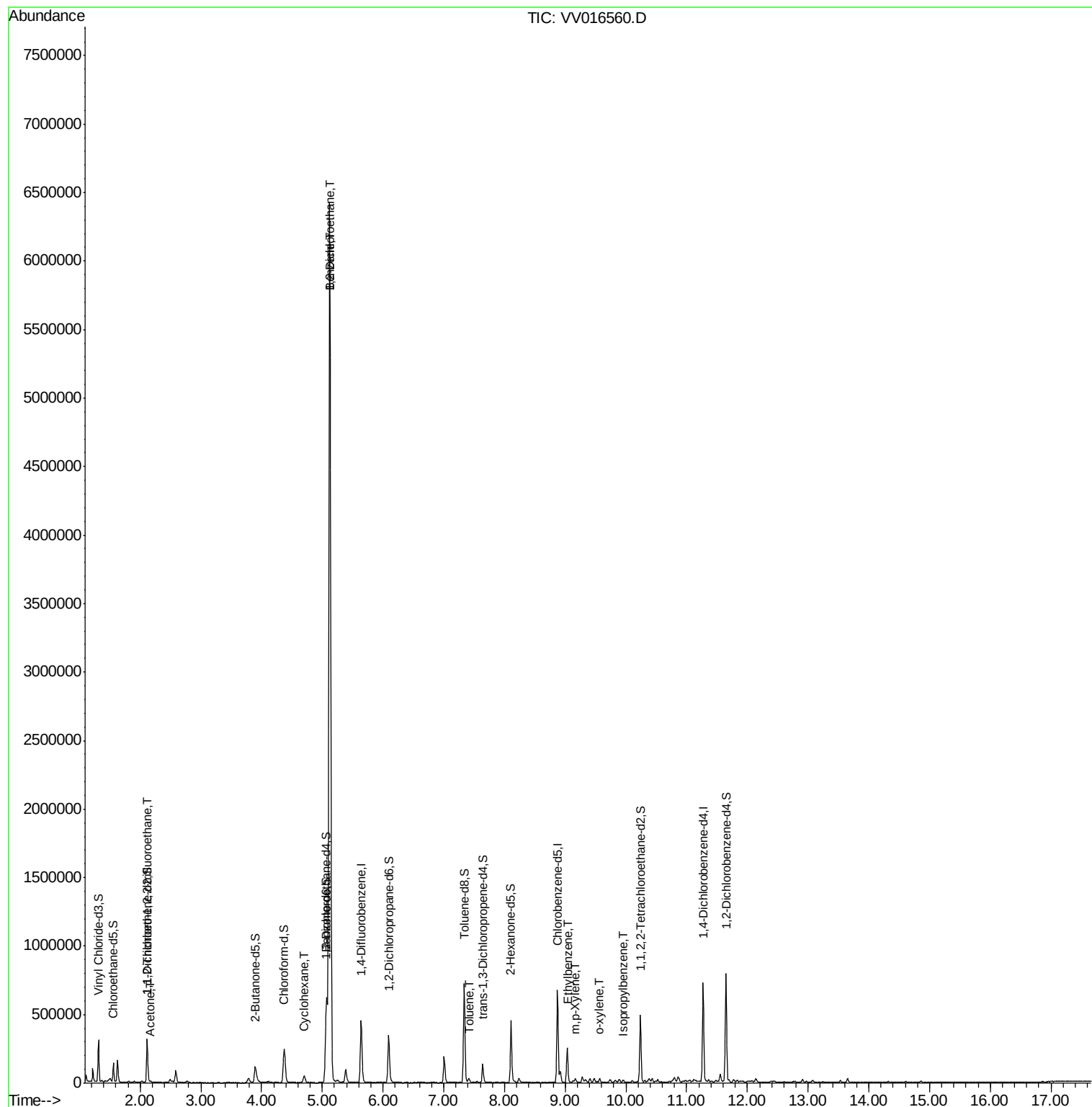
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1603	0.736	ug/L #	22
13) Acetone	2.17	43	9685	6.063	ug/L	95
27) 1,2-Dichloroethane	5.12	62	62120	14.918	ug/L #	76
29) Cyclohexane	4.70	56	26363	6.314	ug/L	97
33) Benzene	5.12	78	6141691	593.577	ug/L	100
42) Toluene	7.41	91	22671	2.068	ug/L	97
52) Ethylbenzene	9.04	91	172385	14.446	ug/L	99
53) m,p-Xylene	9.16	106	7641	1.698	ug/L	93
54) o-xylene	9.57	106	6783	1.557	ug/L	99
56) Isopropylbenzene	9.95	105	10191	0.900	ug/L #	92

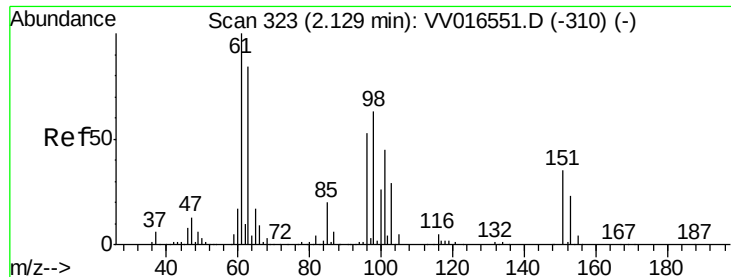
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 06 06:28:49 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.736 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016560.D

Acq: 06 Jun 2020 01:41

Instrument :

MSVOA_V

ClientSampled :

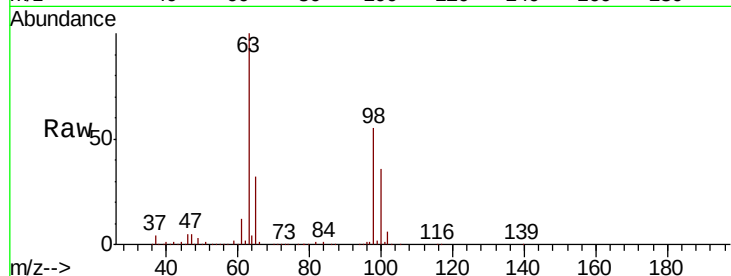
Tot Ion:101 Resp: 1603

Ion Ratio Lower Upper

101 100

85 3.1 35.6 53.4#

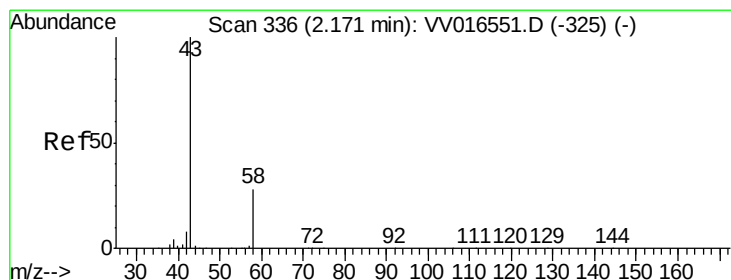
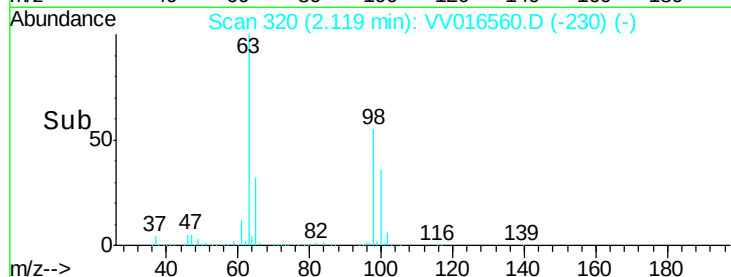
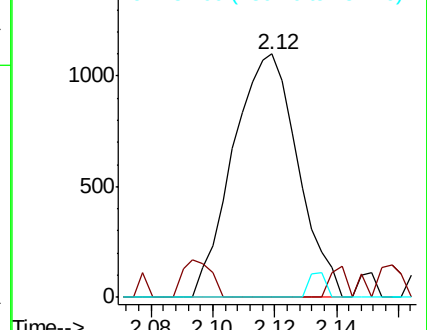
151 2.6 61.8 92.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 6.063 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016560.D

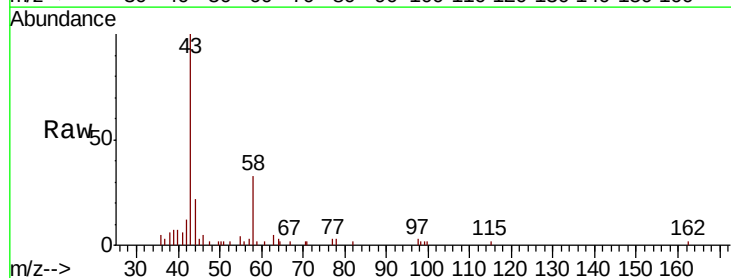
Acq: 06 Jun 2020 01:41

Tgt Ion: 43 Resp: 9685

Ion Ratio Lower Upper

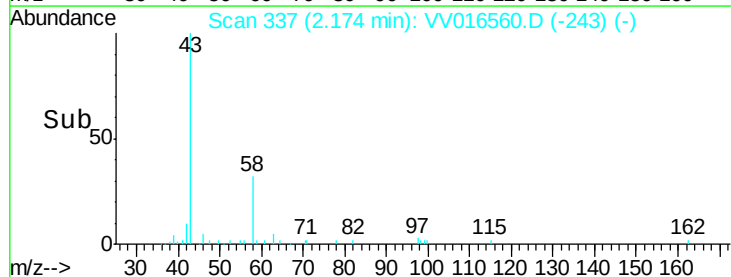
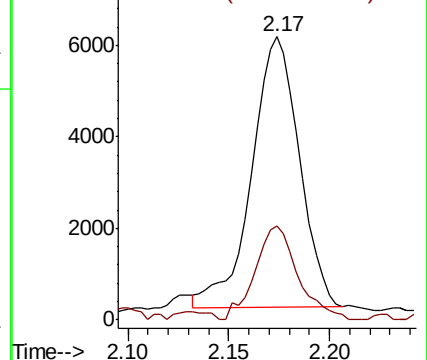
43 100

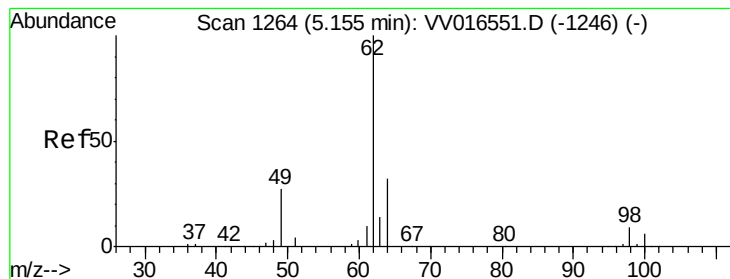
58 31.5 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#27

1,2-Dichloroethane

Concen: 14.918 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.03 min

Lab File: VV016560.D

Acq: 06 Jun 2020 01:41

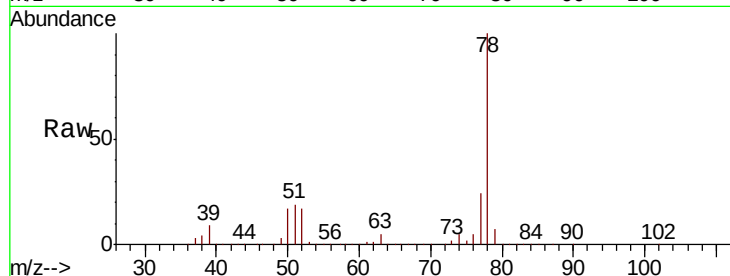
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 62120

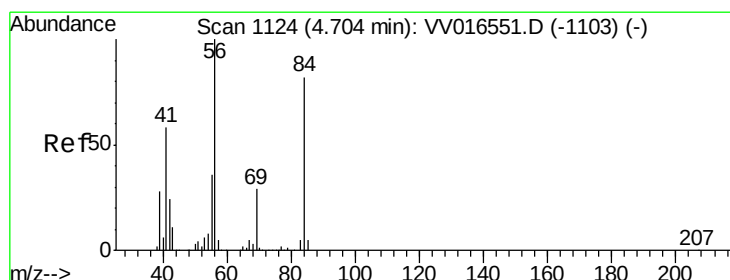
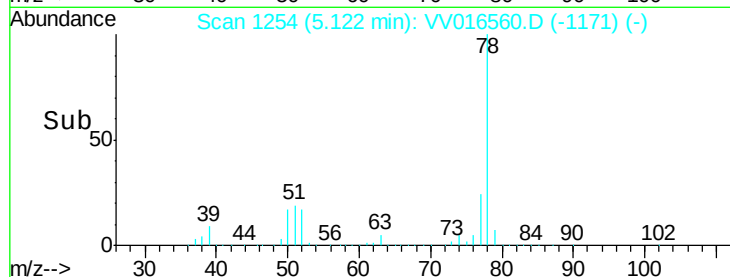
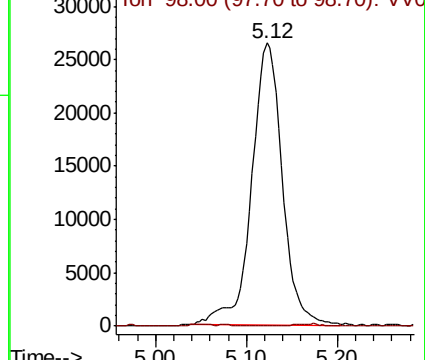
Ion Ratio Lower Upper

62 100

98 0.0 6.9 10.3#



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



#29

Cyclohexane

Concen: 6.314 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. -0.00 min

Lab File: VV016560.D

Acq: 06 Jun 2020 01:41

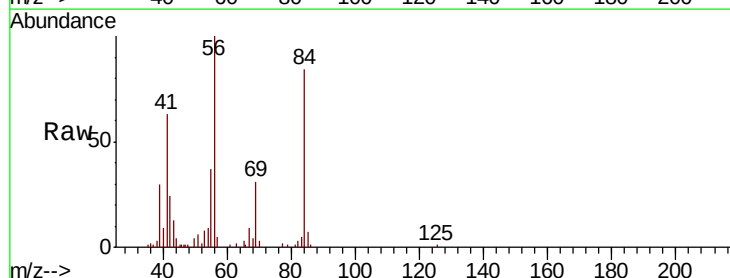
Tgt Ion: 56 Resp: 26363

Ion Ratio Lower Upper

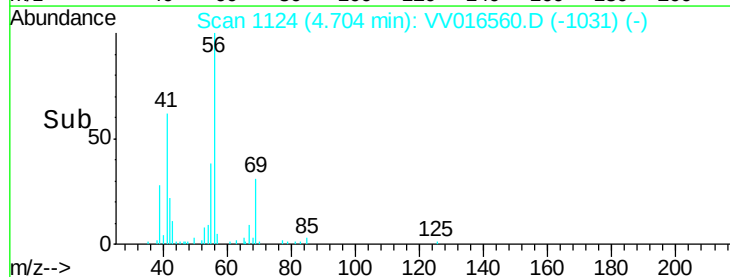
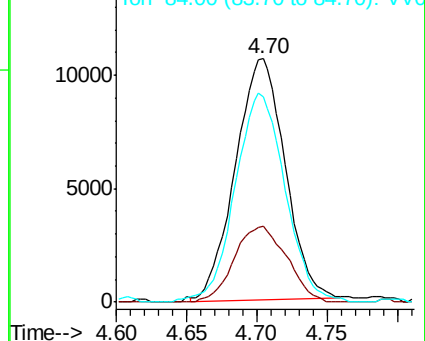
56 100

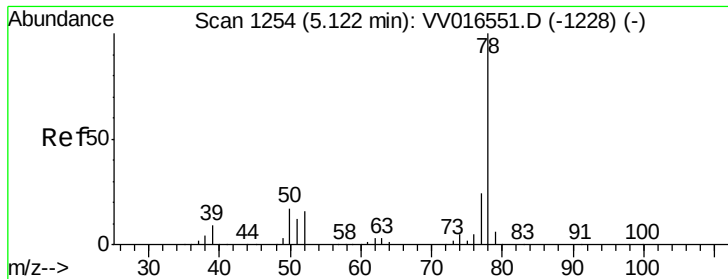
69 32.9 23.9 35.9

84 86.6 68.2 102.2



Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

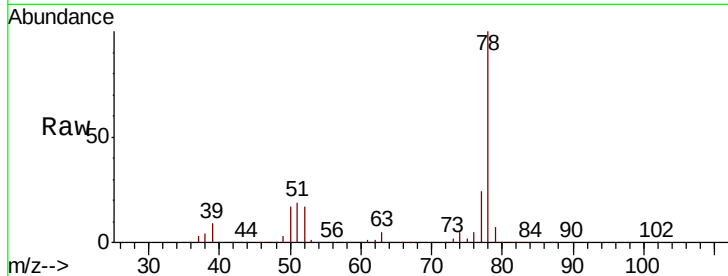




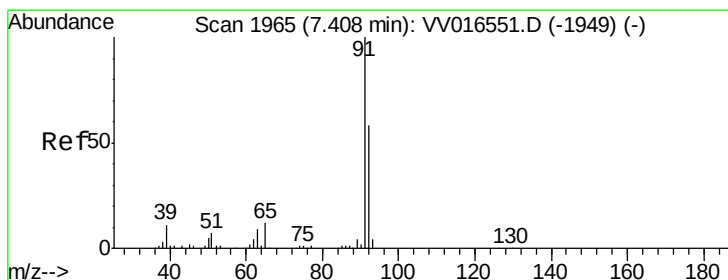
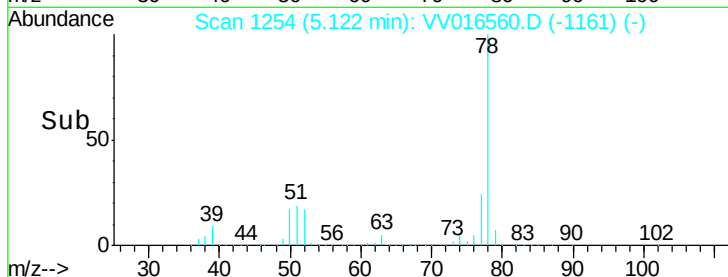
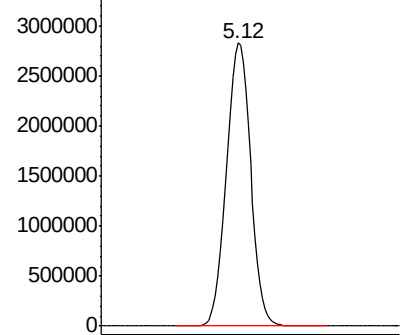
#33
Benzene
Concen: 593.577 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016560.D
Acq: 06 Jun 2020 01:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 6141691

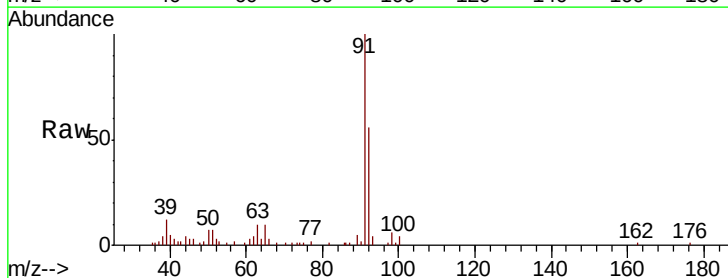


Abundance Ion 78.00 (77.70 to 78.70): VV0



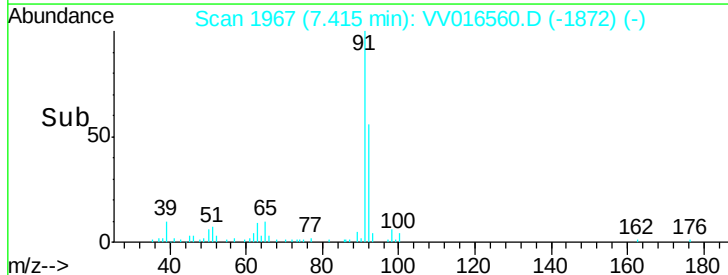
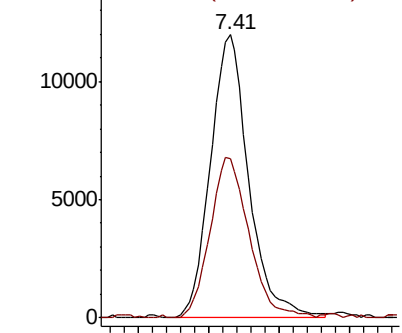
#42
Toluene
Concen: 2.068 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV016560.D
Acq: 06 Jun 2020 01:41

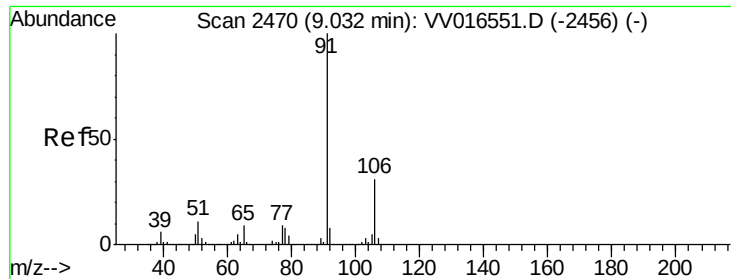
Tgt Ion: 91 Resp: 22671
Ion Ratio Lower Upper
91 100
92 56.4 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0





#52

Ethylbenzene

Concen: 14.446 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016560.D

Acq: 06 Jun 2020 01:41

Instrument :

MSVOA_V

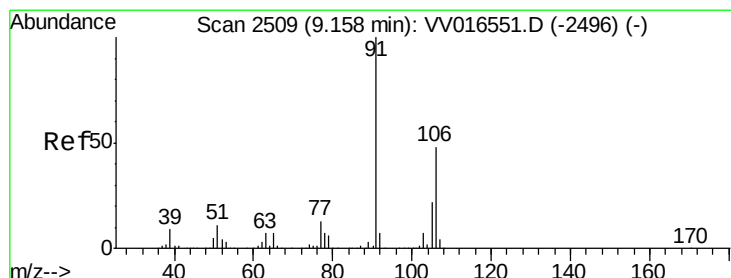
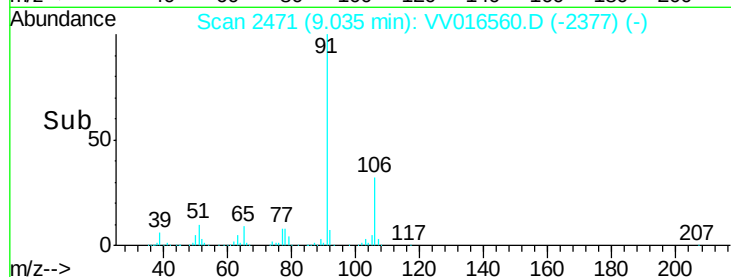
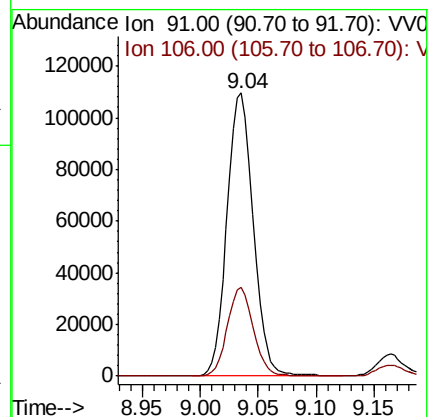
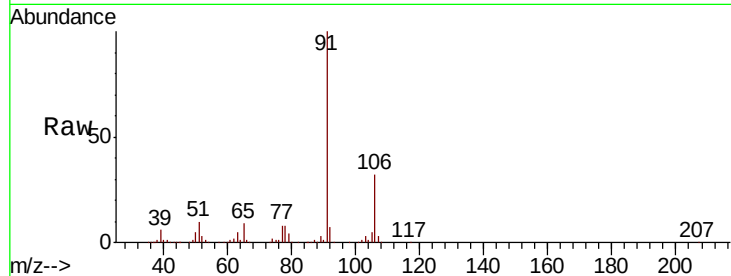
ClientSampled :

Tot Ion: 91 Resp: 172385

Ion Ratio Lower Upper

91 100

106 31.6 21.8 40.4



#53

m,p-Xylene

Concen: 1.698 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV016560.D

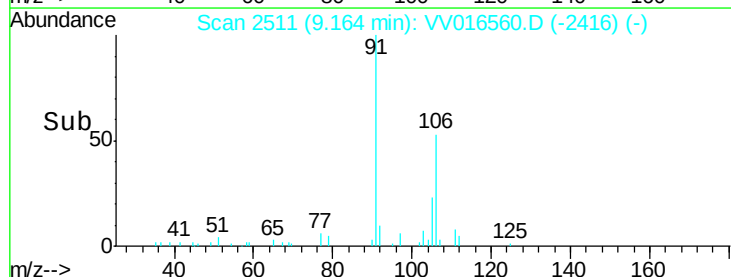
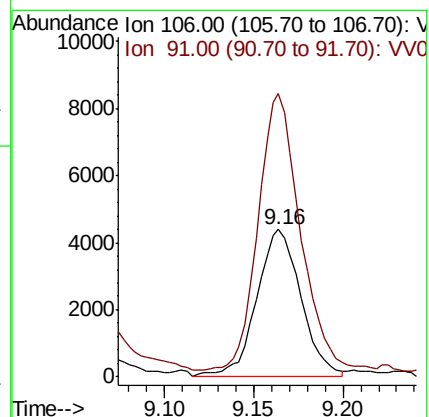
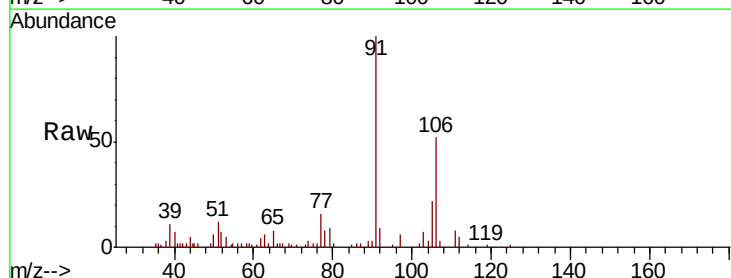
Acq: 06 Jun 2020 01:41

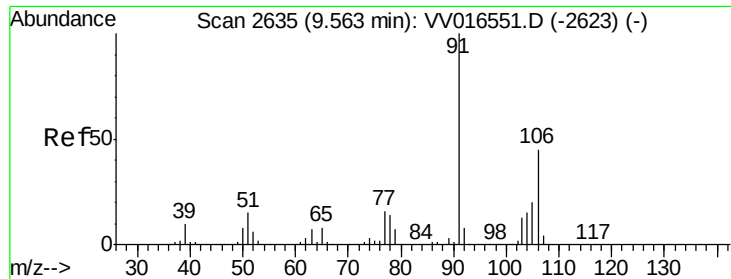
Tgt Ion: 106 Resp: 7641

Ion Ratio Lower Upper

106 100

91 192.3 142.5 264.6

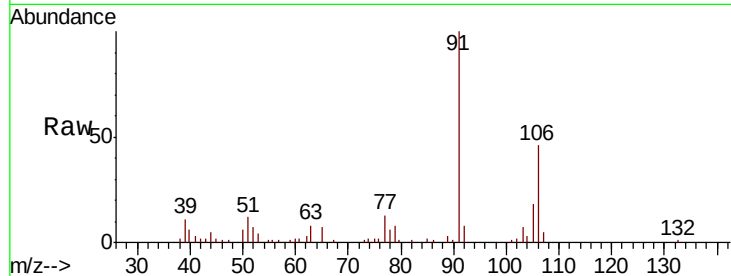




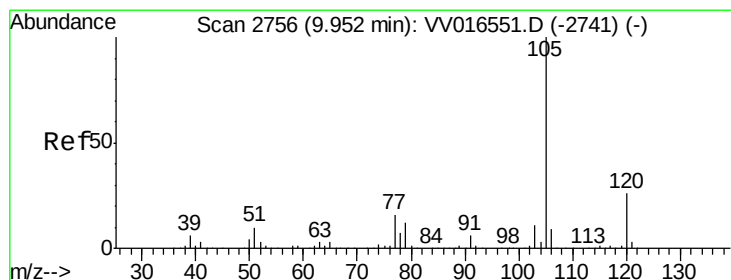
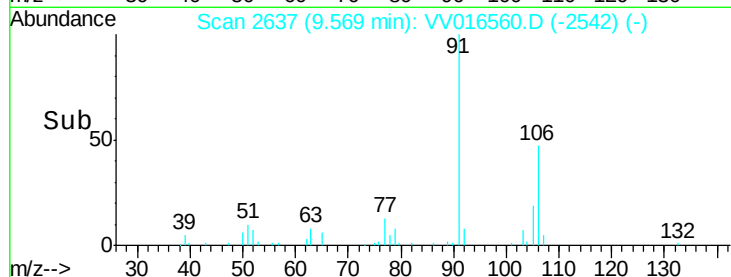
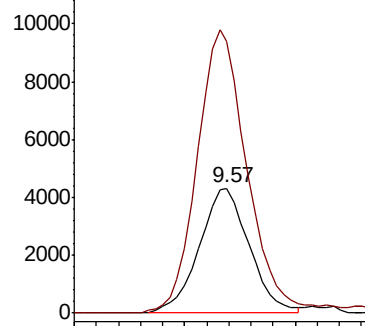
#54
o-xylene
Concen: 1.557 ug/L
RT: 9.57 min Scan# 2637
Delta R.T. 0.01 min
Lab File: VV016560.D
Acq: 06 Jun 2020 01:41

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 6783
Ion Ratio Lower Upper
106 100
91 216.9 152.5 283.1

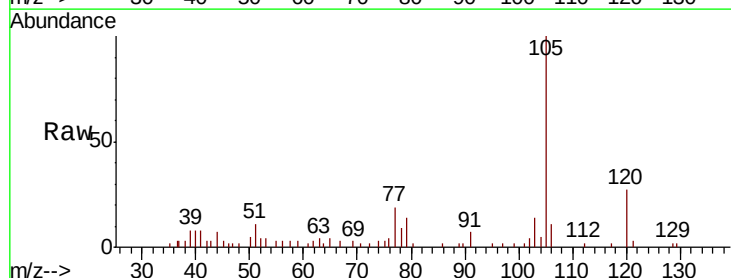


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0



#56
Isopropylbenzene
Concen: 0.900 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016560.D
Acq: 06 Jun 2020 01:41

Tgt Ion:105 Resp: 10191
Ion Ratio Lower Upper
105 100
120 29.1 21.0 31.6
77 21.1 13.0 19.4#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): VV0

