

Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E42

Manual Integrations
APPROVED

sam
6/6/2020 11:32:32 AM

Quant Time: Jun 06 02:43:01 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	402205	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	400102	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	201955	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	119323	41.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.78%		
7) Chloroethane-d5	1.56	69	89281	43.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.82%		
11) 1,1-Dichloroethene-d2	2.12	63	160187	31.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.44%		
21) 2-Butanone-d5	3.90	46	180757	99.23	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.23%		
24) Chloroform-d	4.38	84	239243	44.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.50%		
26) 1,2-Dichloroethane-d4	5.12	65	176714m	49.36	ug/L	0.06
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.72%		
32) Benzene-d6	5.10	84	446490	41.66	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.32%		
36) 1,2-Dichloropropane-d6	6.10	67	142142	42.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.12%		
41) Toluene-d8	7.34	98	446364	45.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.72%		
43) trans-1,3-Dichloropropene-	7.64	79	66959	41.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.28%		
47) 2-Hexanone-d5	8.11	63	137858	96.39	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.39%		
57) 1,1,2,2-Tetrachloroethane-	10.24	84	183040	40.41	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.82%		
64) 1,2-Dichlorobenzene-d4	11.65	152	177359	46.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.46%		

Target Compounds

						Qvalue
13) Acetone	2.17	43	10419	6.120	ug/L	88
22) 2-Butanone	4.02	43	2385m	1.129	ug/L	
29) Cyclohexane	4.70	56	1432232	301.606	ug/L	98
33) Benzene	5.12	78	56657380m	4814.965	ug/L	
35) Methylcyclohexane	6.15	83	148303	33.463	ug/L	95
40) 4-Methyl-2-pentanone	7.25	43	23111	5.476	ug/L	97
42) Toluene	7.41	91	17279828m	1385.849	ug/L	
52) Ethylbenzene	9.04	91	18629323m	1372.750	ug/L	
53) m,p-Xylene	9.16	106	2171792	424.416	ug/L	100
54) o-xylene	9.57	106	3390322	684.102	ug/L	97
56) Isopropylbenzene	9.96	105	741332	57.589	ug/L	100

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

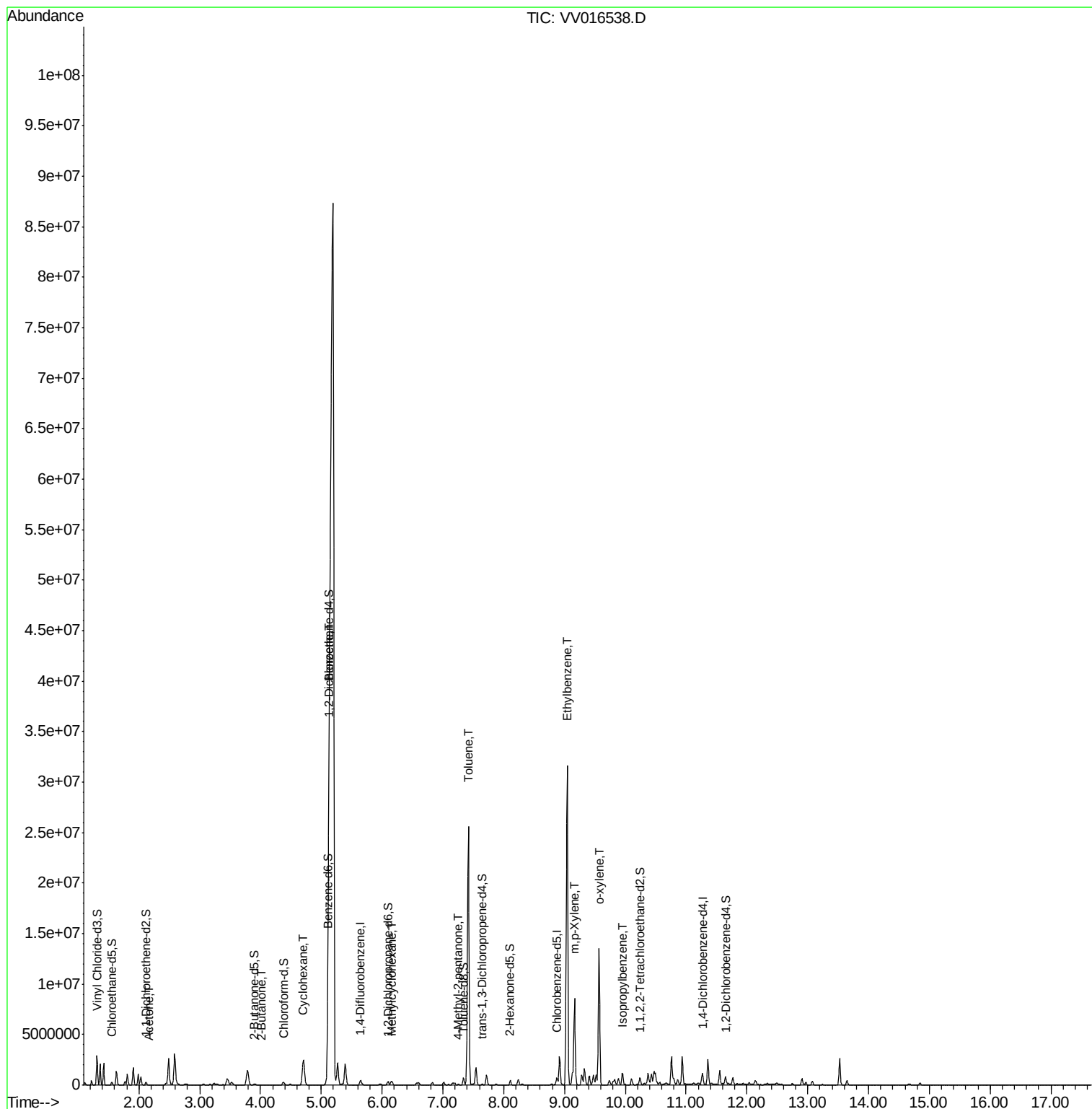
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

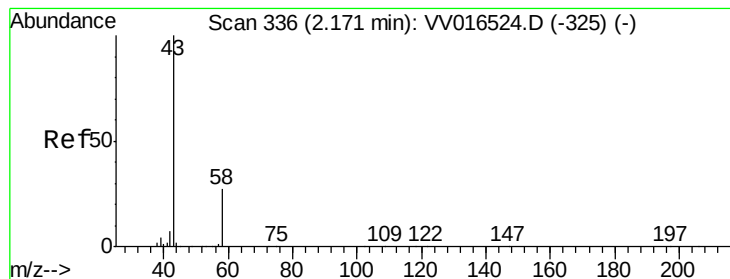
Instrument :
MSVOA_V
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F9E42

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Quant Time: Jun 06 02:43:01 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: 6.120 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016538.D

Acq: 05 Jun 2020 16:05

Instrument :

MSVOA_V

ClientSampleId :

F9E42

Tgt Ion: 43 Resp: 10419

Ion Ratio Lower Upper

43 100

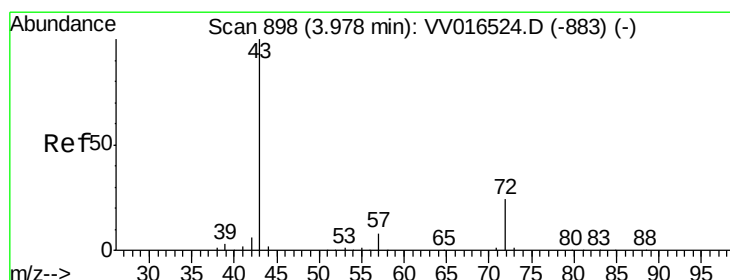
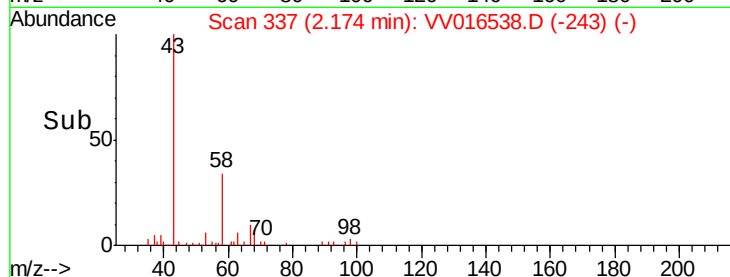
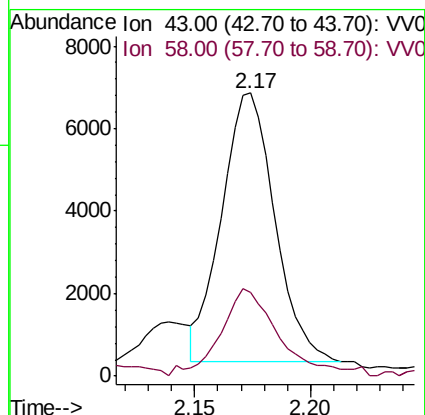
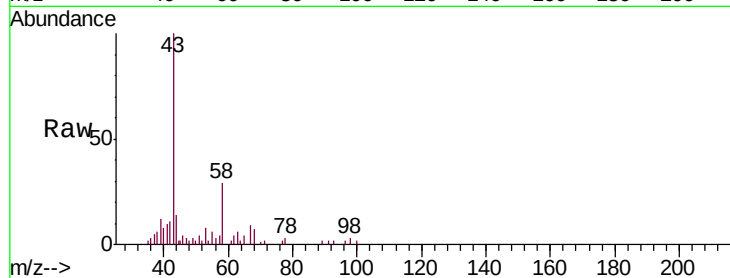
58 34.8 0.0 57.2

Manual Integrations

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#22

2-Butanone

Concen: 1.129 ug/L m

RT: 4.02 min Scan# 910

Delta R.T. 0.04 min

Lab File: VV016538.D

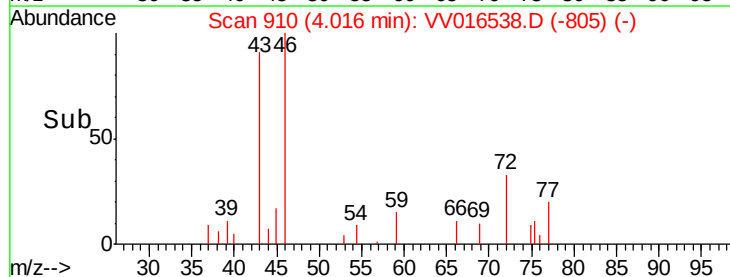
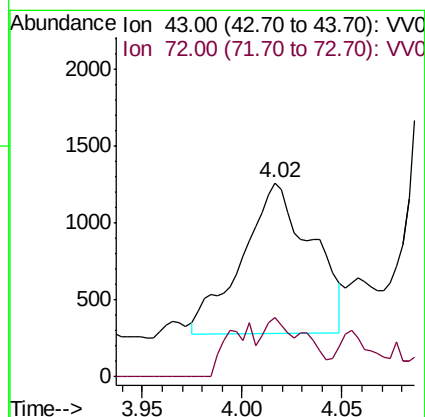
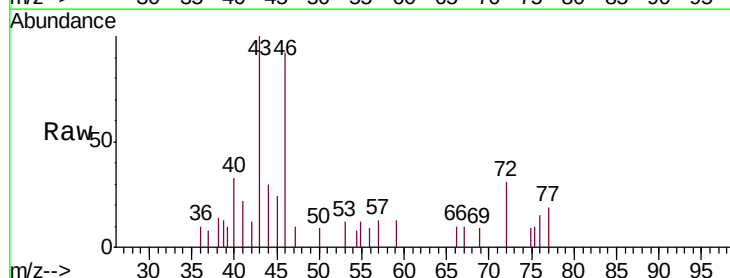
Acq: 05 Jun 2020 16:05

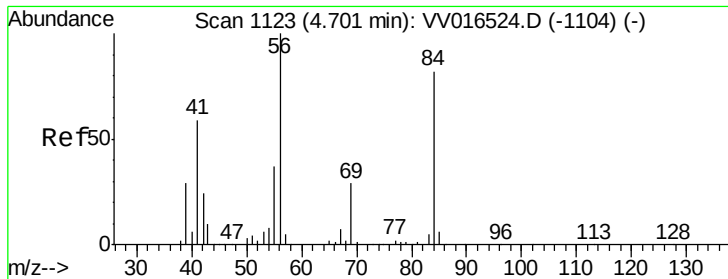
Tgt Ion: 43 Resp: 2385

Ion Ratio Lower Upper

43 100

72 7.1 12.8 38.3#





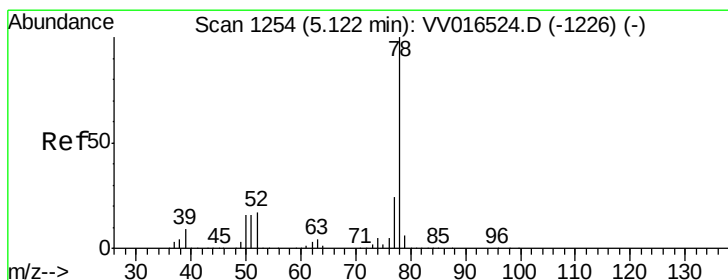
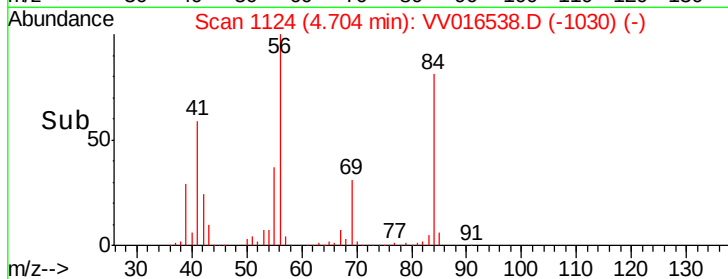
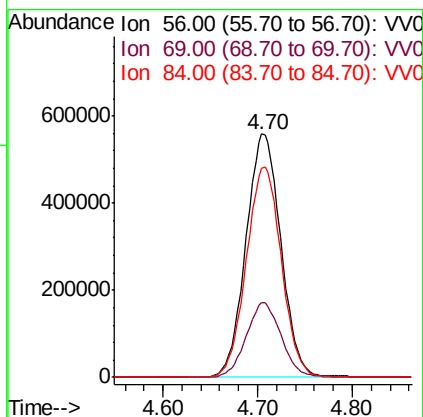
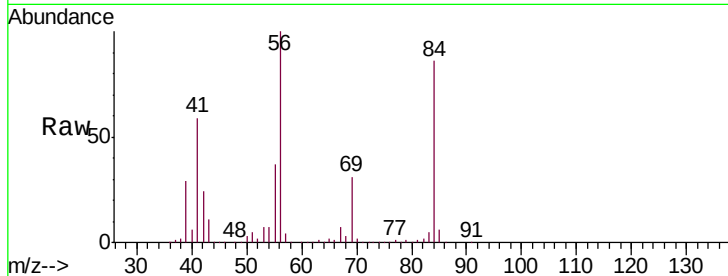
#29
Cyclohexane
Concen: 301.606 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV016538.D
Acq: 05 Jun 2020 16:05

Instrument :
MSVOA_V
ClientSampleId :
F9E42

Tgt Ion: 56 Resp: 1432232
Ion Ratio Lower Upper
56 100
69 30.9 23.9 35.9
84 86.8 68.2 102.2

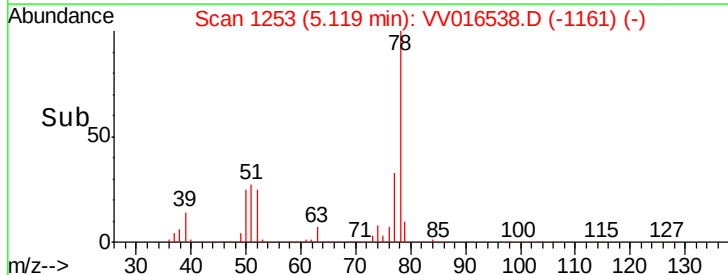
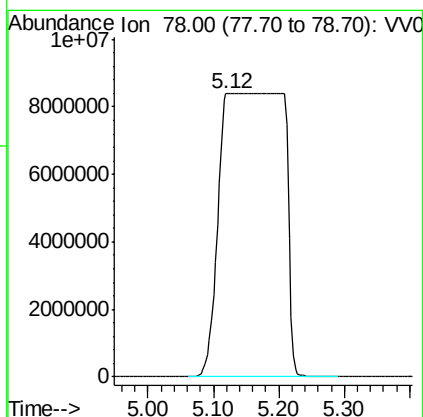
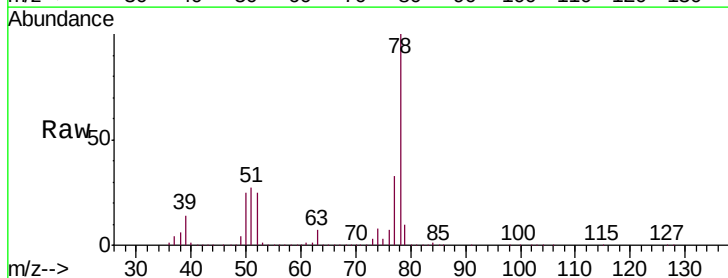
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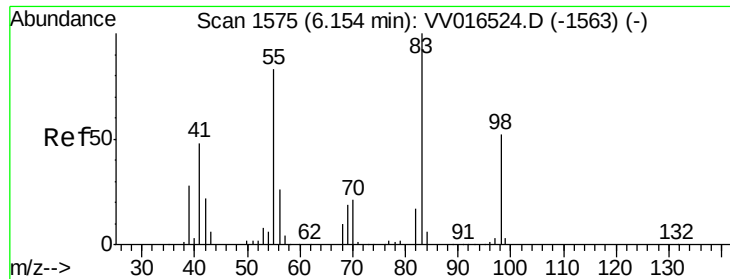
sam
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#33
Benzene
Concen: 4814.965 ug/L m
RT: 5.12 min Scan# 1253
Delta R.T. -0.00 min
Lab File: VV016538.D
Acq: 05 Jun 2020 16:05

Tgt Ion: 78 Resp: 56657380





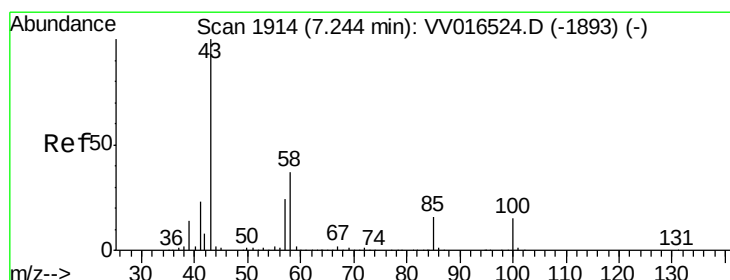
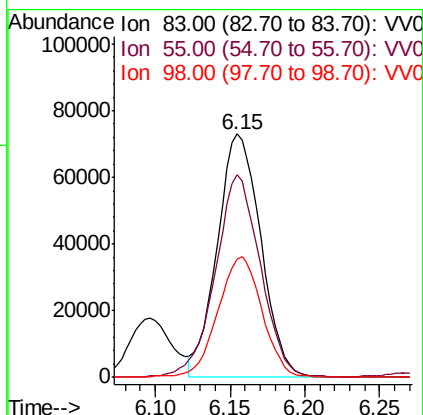
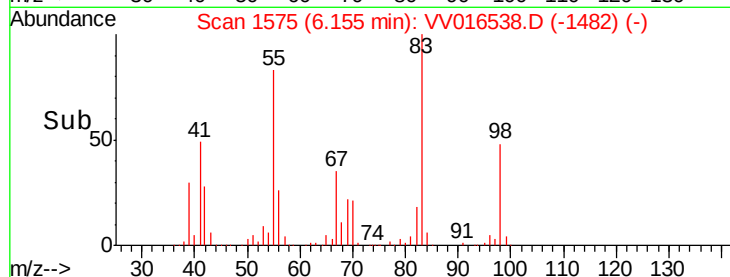
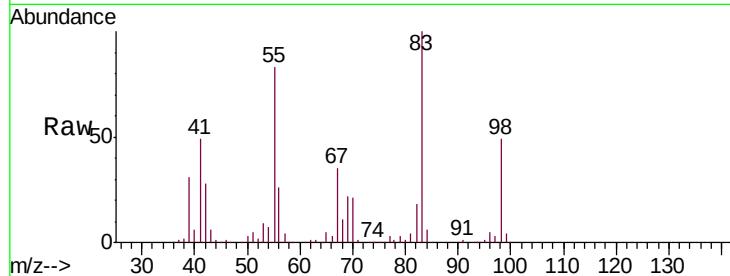
#35
Methylcyclohexane
Concen: 33.463 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VV016538.D
Acq: 05 Jun 2020 16:05

Instrument :
MSVOA_V
ClientSampled :
F9E42

Tgt Ion	Ratio	Resp Lower	Resp Upper
83	100		
55	85.2	63.4	95.0
98	50.0	39.4	59.0

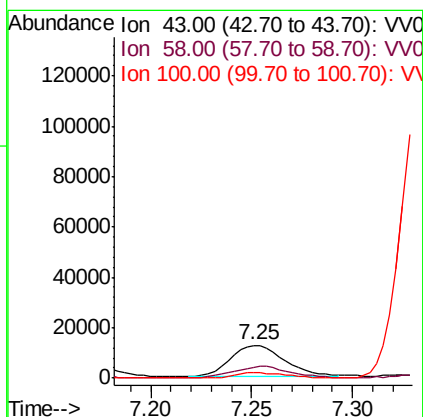
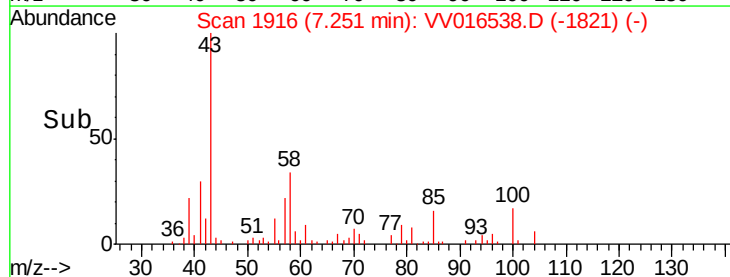
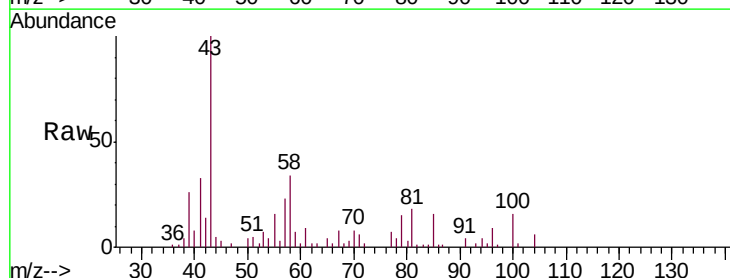
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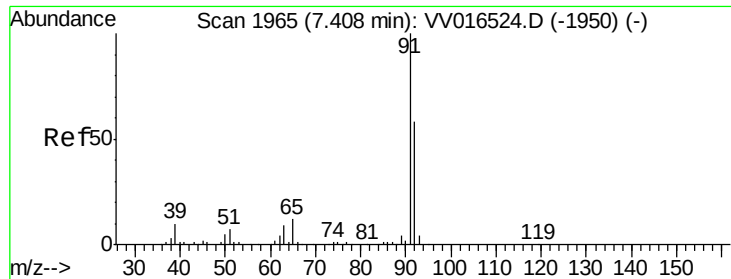
sam
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#40
4-Methyl-2-pentanone
Concen: 5.476 ug/L
RT: 7.25 min Scan# 1916
Delta R.T. 0.01 min
Lab File: VV016538.D
Acq: 05 Jun 2020 16:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
43	100		
58	36.4	29.9	44.9
100	17.0	11.9	17.9





#42

Toluene

Concen: 1385.849 ug/L m

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016538.D

Acq: 05 Jun 2020 16:05

Instrument :

MSVOA_V

ClientSampleId :

F9E42

Tgt Ion: 91 Resp:17279828

Ion Ratio Lower Upper

91 100

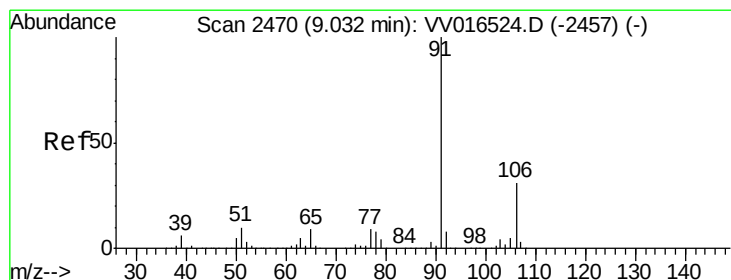
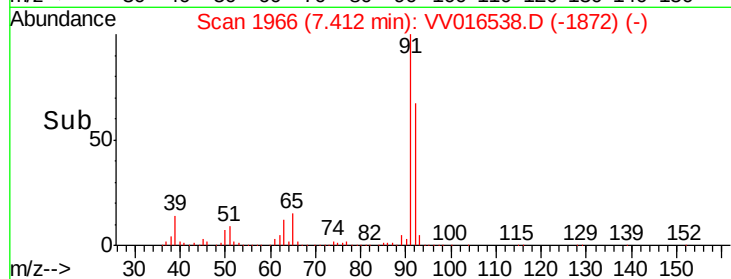
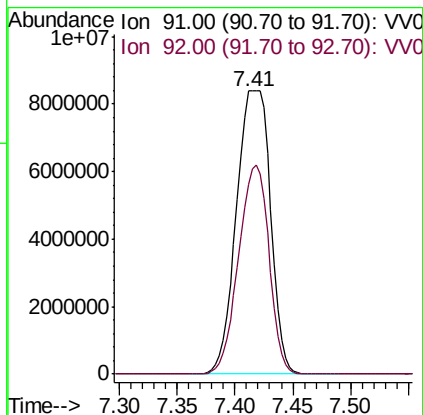
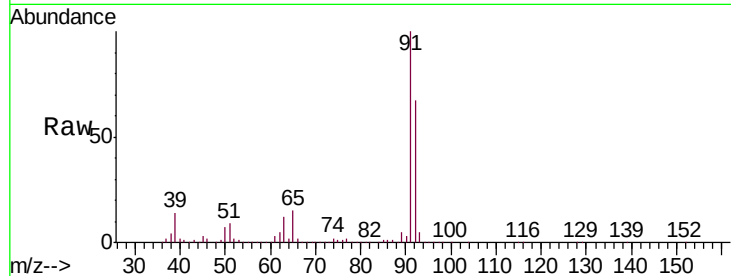
92 67.2 40.9 75.9

Manual Integrations

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#52

Ethylbenzene

Concen: 1372.750 ug/L m

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016538.D

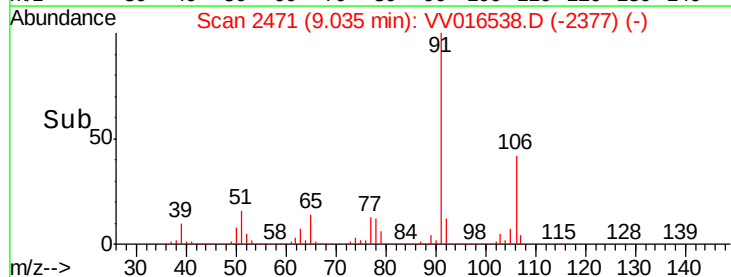
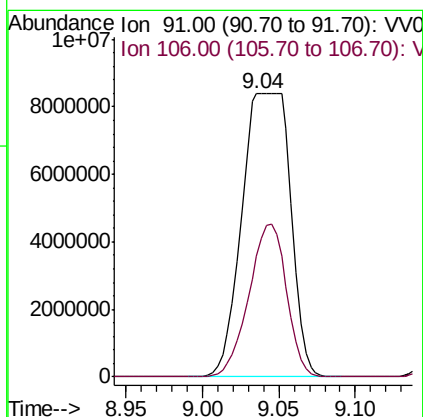
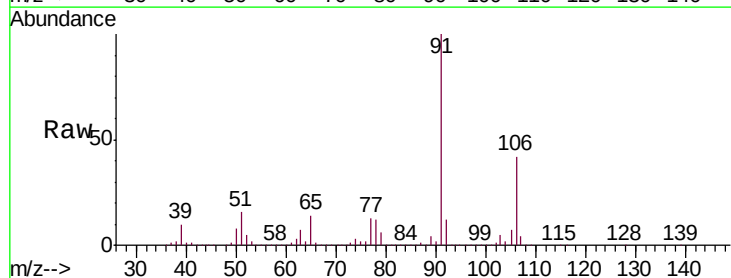
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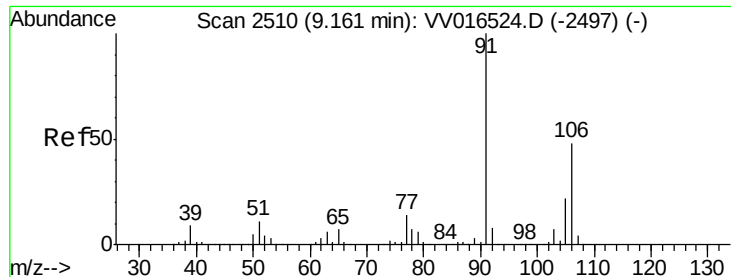
Tgt Ion: 91 Resp:18629323

Ion Ratio Lower Upper

91 100

106 42.5 21.8 40.4#





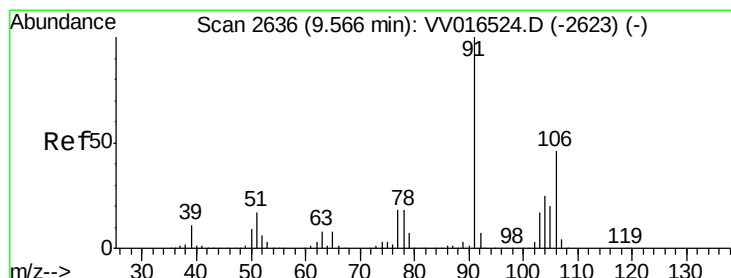
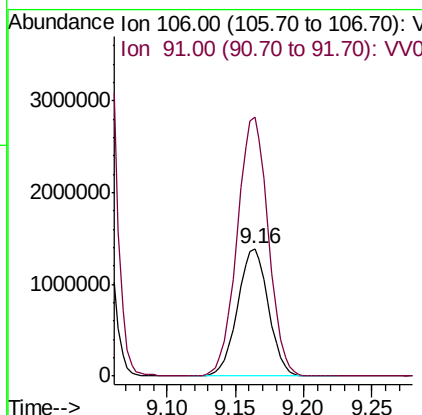
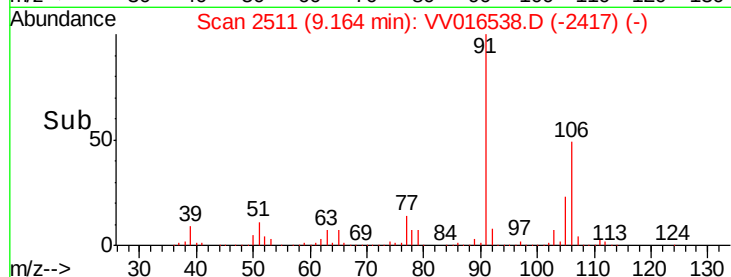
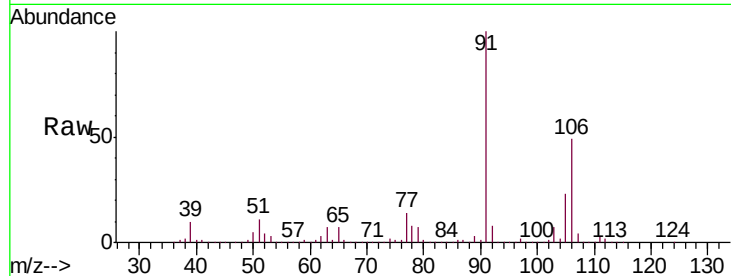
#53
m,p-Xylene
Concen: 424.416 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VV016538.D
Acq: 05 Jun 2020 16:05

Instrument :
MSVOA_V
ClientSampled :
F9E42

Tgt Ion:106 Resp: 2171792
Ion Ratio Lower Upper
106 100
91 203.1 142.5 264.6

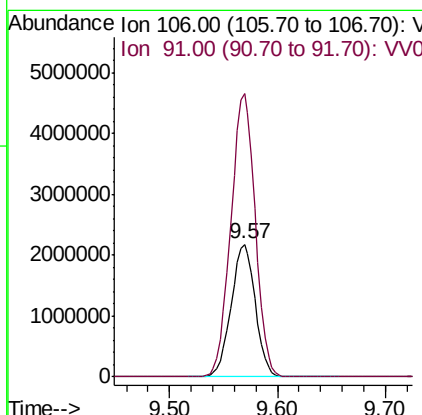
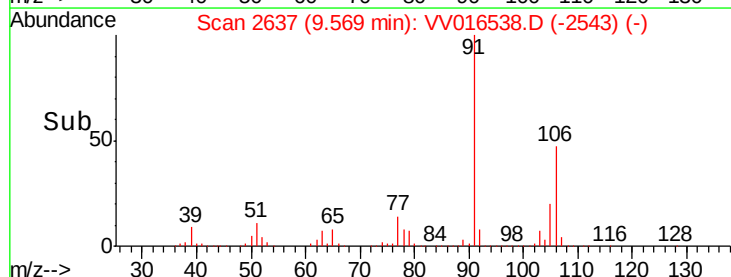
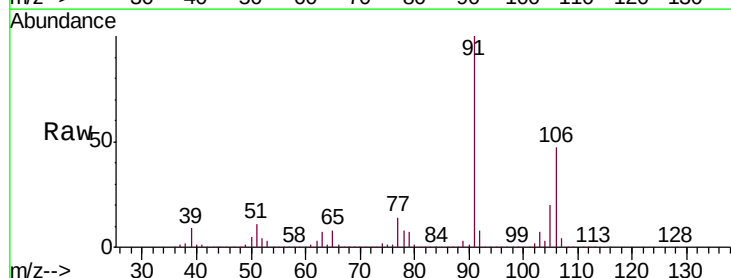
Manual Integrations
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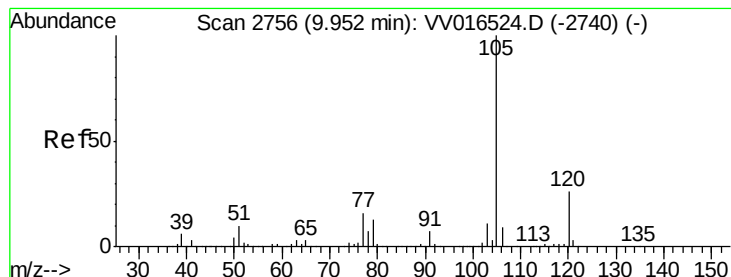
sam
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#54
o-xylene
Concen: 684.102 ug/L
RT: 9.57 min Scan# 2637
Delta R.T. 0.00 min
Lab File: VV016538.D
Acq: 05 Jun 2020 16:05

Tgt Ion:106 Resp: 3390322
Ion Ratio Lower Upper
106 100
91 213.8 152.5 283.1





#56

Isopropylbenzene

Concen: 57.589 ug/L

RT: 9.96 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV016538.D

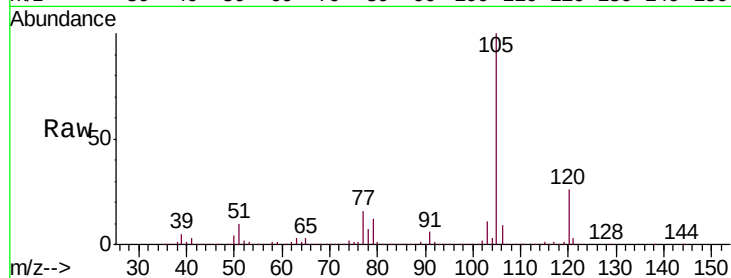
Acq: 05 Jun 2020 16:05

Instrument :

MSVOA_V

ClientSampleId :

F9E42



Tgt	Ion	105	Resp:	741332
Ion	Ratio	100	Lower	Upper
105	100			
120	26.3	21.0	31.6	
77	16.3	13.0	19.4	

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