

Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E40

Manual Integrations
APPROVED

sam
6/6/2020 11:32:26 AM

Quant Time: Jun 06 02:05:38 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	378259	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	371222	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	194009	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	111016	41.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.88%		
7) Chloroethane-d5	1.56	69	76326	39.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.92%		
11) 1,1-Dichloroethene-d2	2.12	63	144587	30.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.88%		
21) 2-Butanone-d5	3.90	46	161575	94.32	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.32%		
24) Chloroform-d	4.38	84	214994	42.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.52%		
26) 1,2-Dichloroethane-d4	5.07	65	159785	47.46	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.92%		
32) Benzene-d6	5.08	84	434778	43.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.44%		
36) 1,2-Dichloropropane-d6	6.10	67	133178	42.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.96%		
41) Toluene-d8	7.35	98	404001	44.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.46%		
43) trans-1,3-Dichloropropene-	7.65	79	59178	39.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.38%		
47) 2-Hexanone-d5	8.11	63	122444	92.27	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.27%		
57) 1,1,2,2-Tetrachloroethane-	10.24	84	168081	40.00	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.00%		
64) 1,2-Dichlorobenzene-d4	11.65	152	165204	45.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.62%		

Target Compounds

						Qvalue
13) Acetone	2.17	43	9234	5.767	ug/L	94
22) 2-Butanone	4.00	43	10268m	5.168	ug/L	
29) Cyclohexane	4.70	56	737270	167.336	ug/L	99
33) Benzene	5.12	78	35958620m	3293.644	ug/L	
35) Methylcyclohexane	6.16	83	115948	28.198	ug/L	96
42) Toluene	7.41	91	35738600m	3089.235	ug/L	
52) Ethylbenzene	9.04	91	21566692m	1712.833	ug/L	
53) m,p-Xylene	9.17	106	5981865	1259.934	ug/L	93
54) o-xylene	9.57	106	5306664	1154.087	ug/L	93
56) Isopropylbenzene	9.95	105	758794	63.531	ug/L	100

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

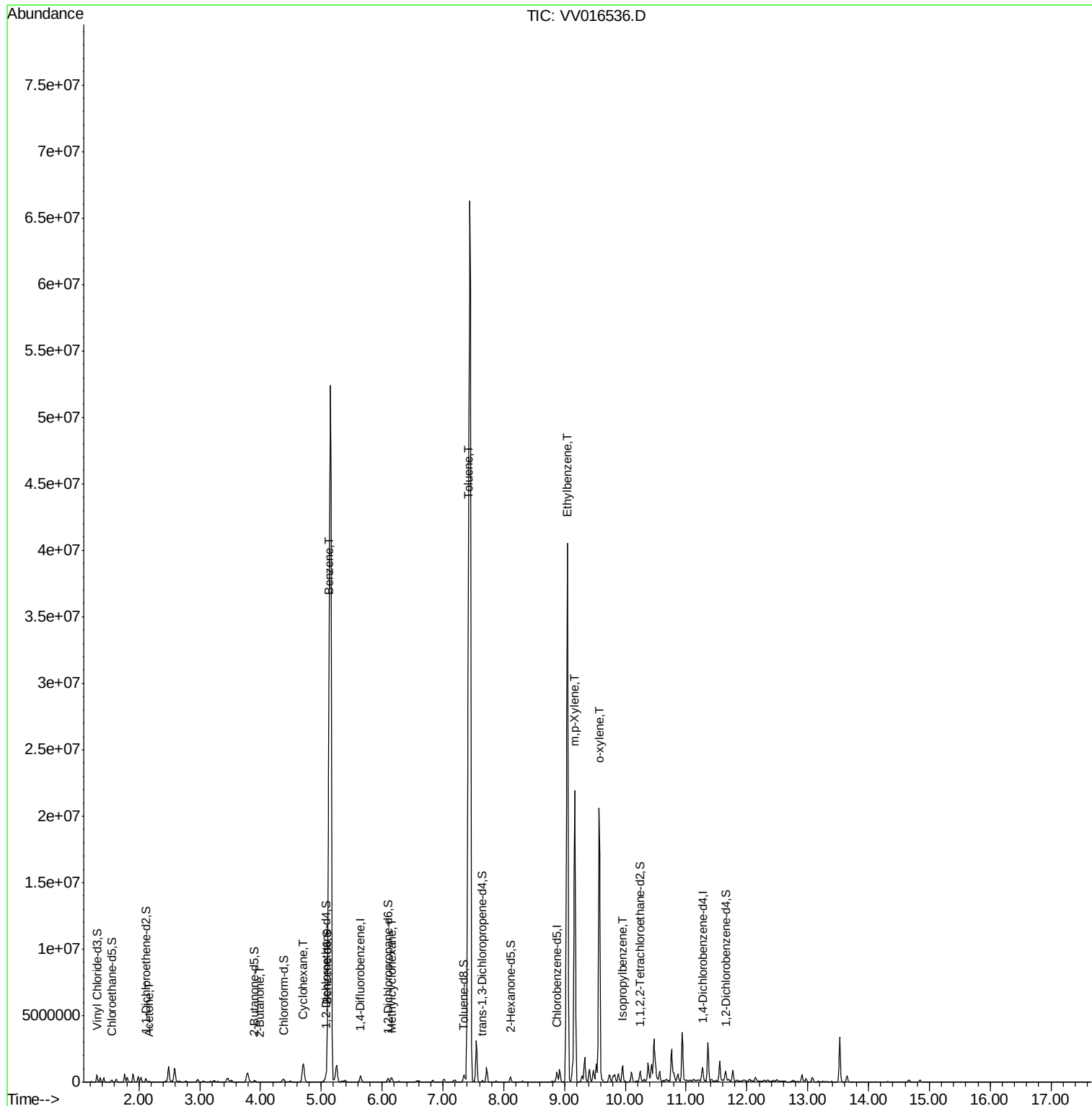
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
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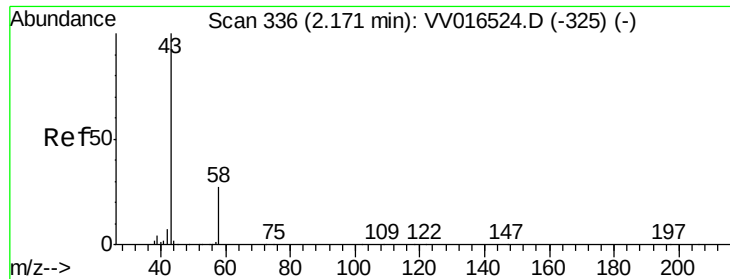
Instrument :
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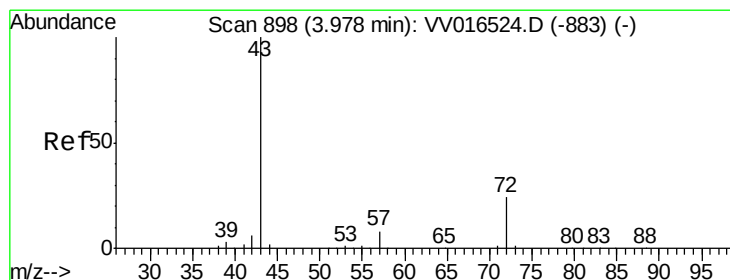
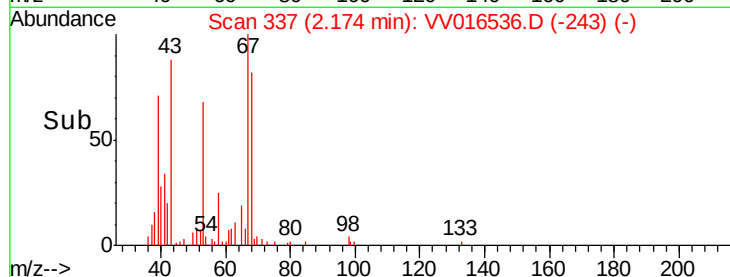
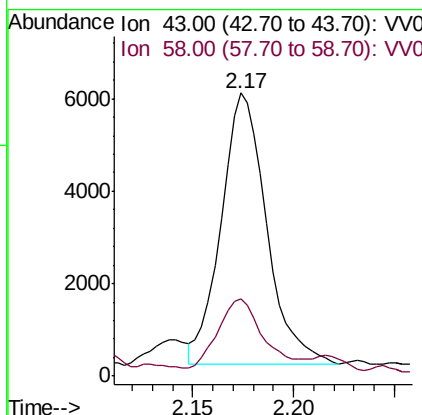
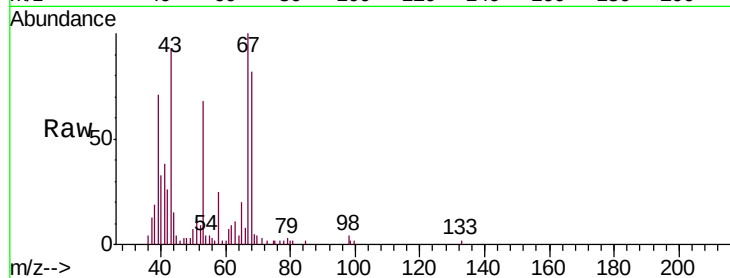
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Acetone
Concen: 5.767 ug/L
RT: 2.17 min Scan# 337
Delta R.T. 0.00 min
Lab File: VV016536.D
Acq: 05 Jun 2020 15:18

Instrument :
MSVOA_V
ClientSampleId :
F9E40

Tgt Ion: 43 Resp: 9234
Ion Ratio Lower Upper
43 100
58 31.9 0.0 57.2

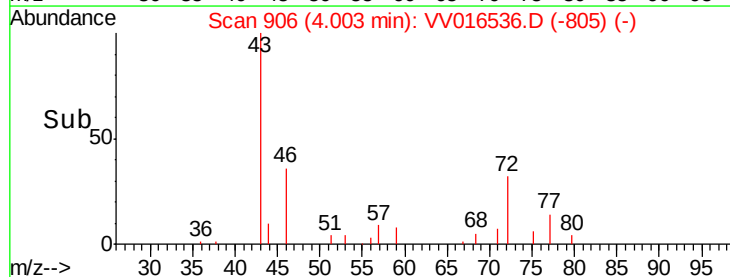
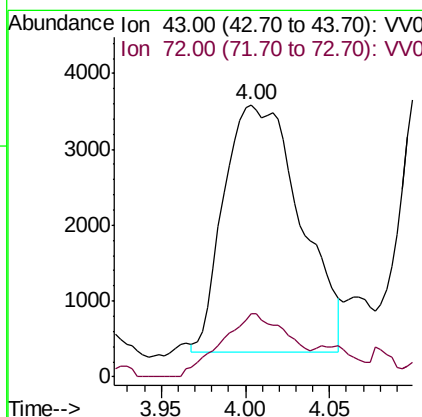
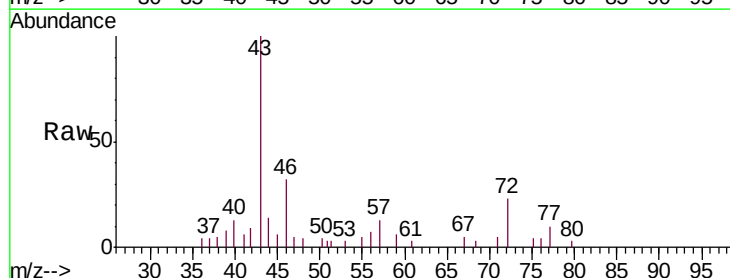
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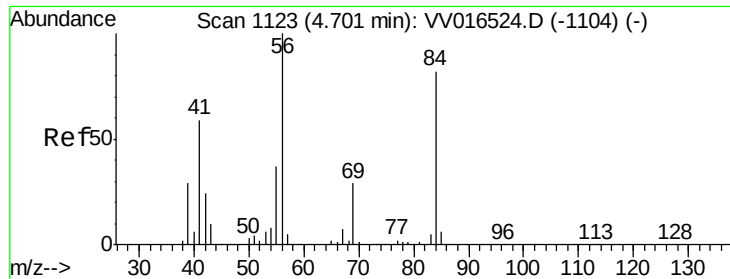
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#22
2-Butanone
Concen: 5.168 ug/L m
RT: 4.00 min Scan# 906
Delta R.T. 0.03 min
Lab File: VV016536.D
Acq: 05 Jun 2020 15:18

Tgt Ion: 43 Resp: 10268
Ion Ratio Lower Upper
43 100
72 16.3 12.8 38.3





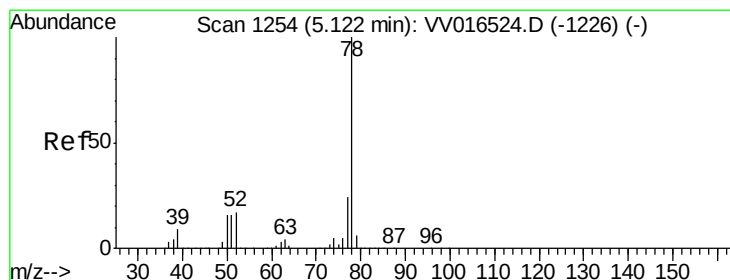
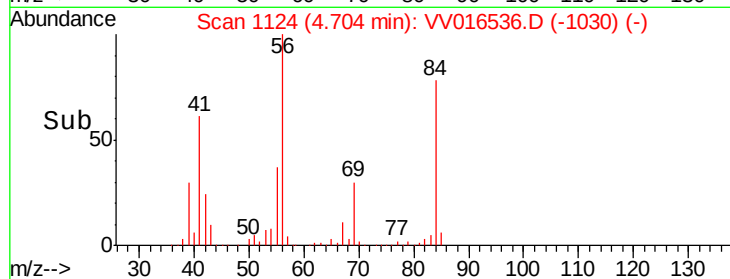
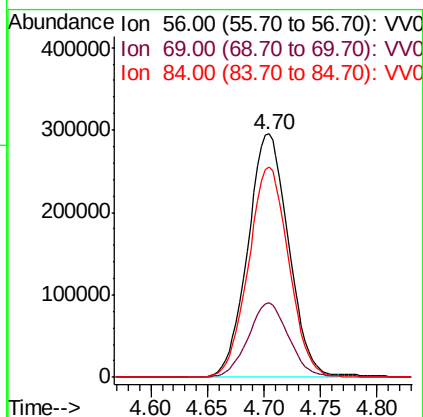
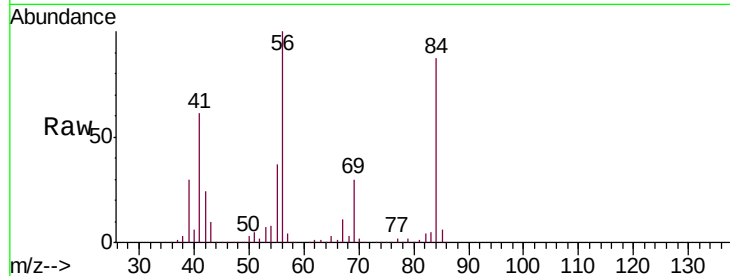
#29
Cyclohexane
Concen: 167.336 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV016536.D
Acq: 05 Jun 2020 15:18

Instrument :
MSVOA_V
ClientSampleId :
F9E40

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.7	23.9	35.9
84	85.5	68.2	102.2

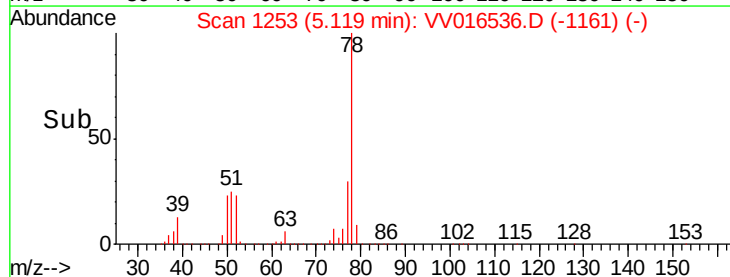
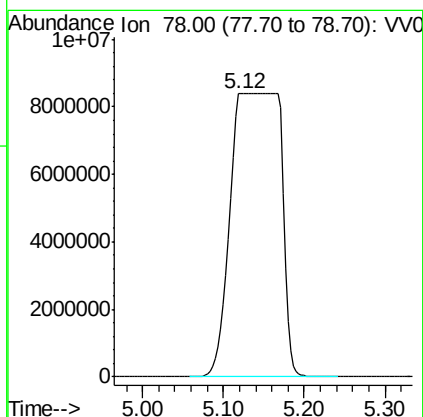
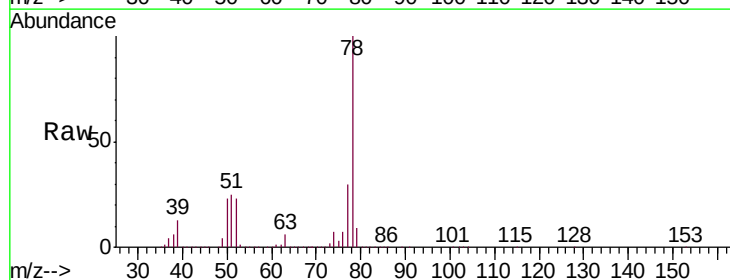
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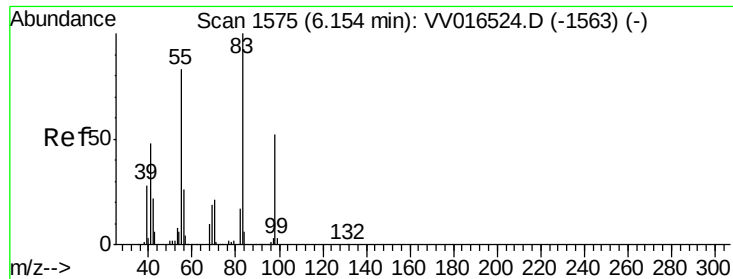
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#33
Benzene
Concen: 3293.644 ug/L m
RT: 5.12 min Scan# 1253
Delta R.T. -0.00 min
Lab File: VV016536.D
Acq: 05 Jun 2020 15:18

Tgt Ion: 78 Resp:35958620





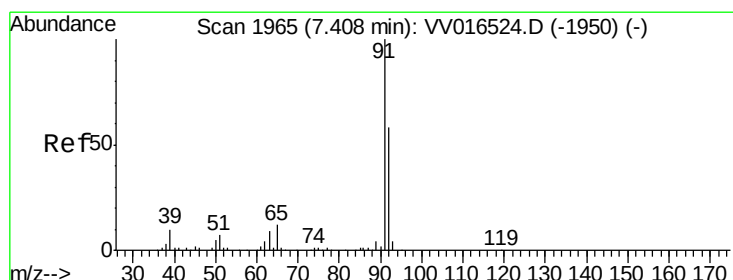
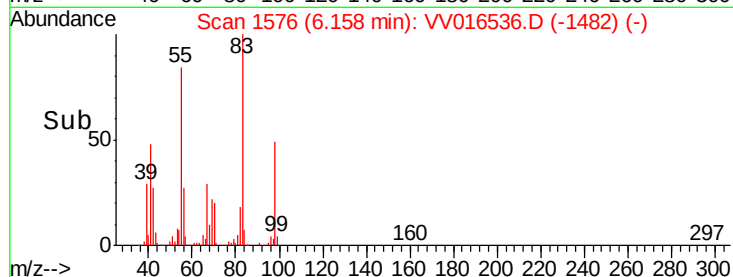
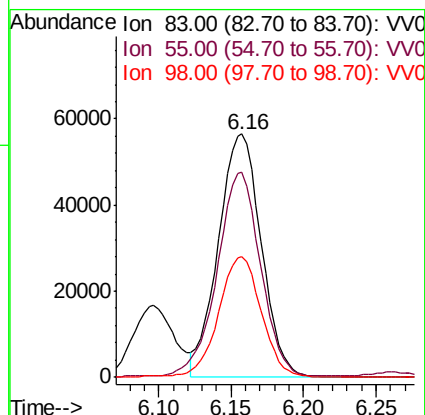
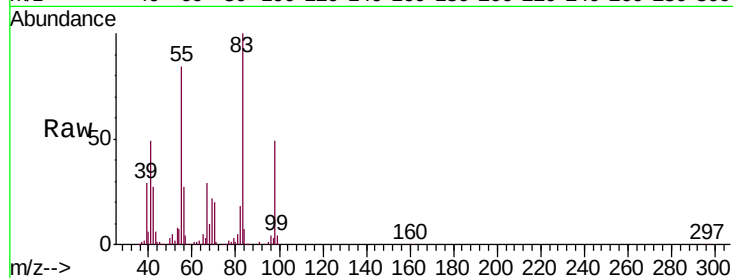
#35
Methylcyclohexane
Concen: 28.198 ug/L
RT: 6.16 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VV016536.D
Acq: 05 Jun 2020 15:18

Instrument :
MSVOA_V
ClientSampleId :
F9E40

Tgt Ion	Ratio	Lower	Upper
83	100		
55	84.9	63.4	95.0
98	49.6	39.4	59.0

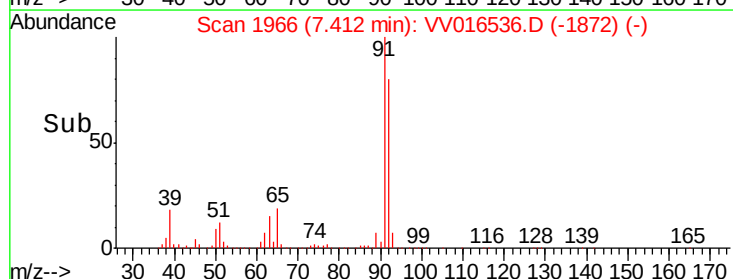
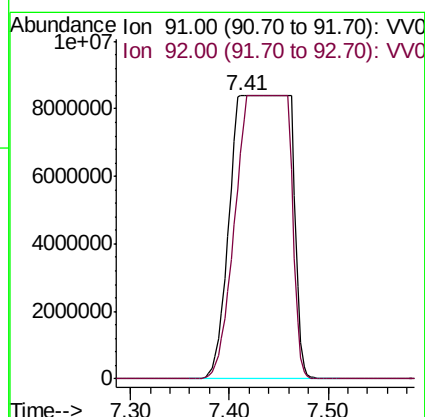
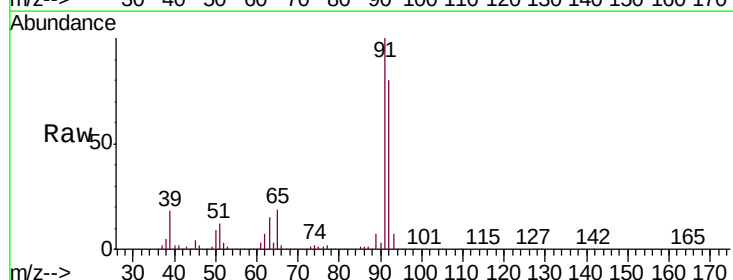
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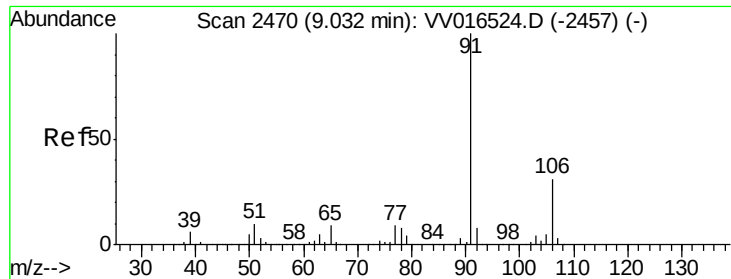
sam
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#42
Toluene
Concen: 3089.235 ug/L m
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016536.D
Acq: 05 Jun 2020 15:18

Tgt Ion	Ratio	Lower	Upper
91	100		
92	79.8	40.9	75.9





#52

Ethylbenzene

Concen: 1712.833 ug/L m

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016536.D

Acq: 05 Jun 2020 15:18

Instrument :

MSVOA_V

ClientSampleId :

F9E40

Tgt Ion: 91 Resp: 21566692

Ion Ratio Lower Upper

91 100

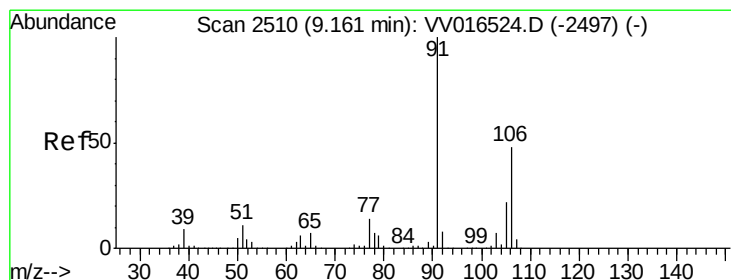
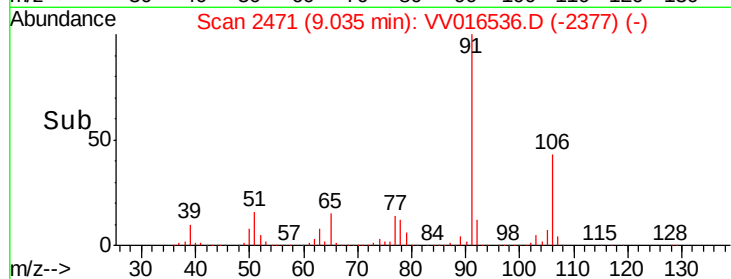
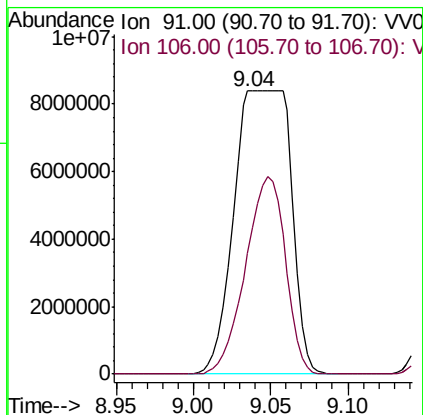
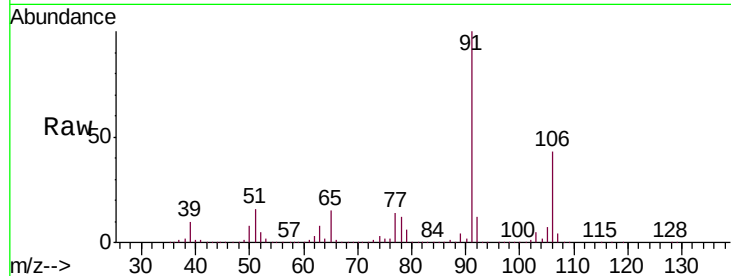
106 42.6 21.8 40.4#

Manual Integrations

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#53

m,p-Xylene

Concen: 1259.934 ug/L

RT: 9.17 min Scan# 2512

Delta R.T. 0.01 min

Lab File: VV016536.D

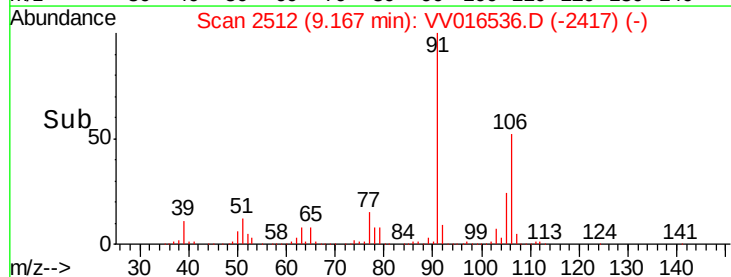
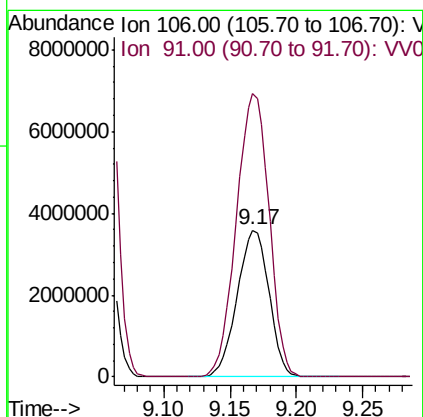
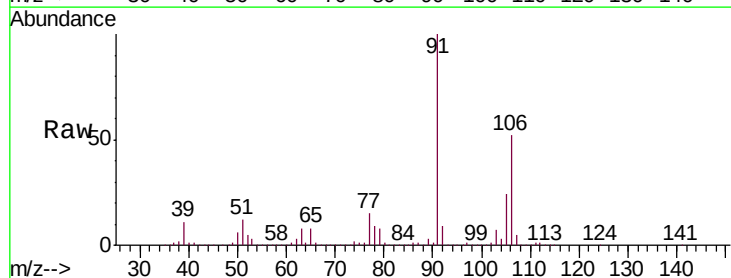
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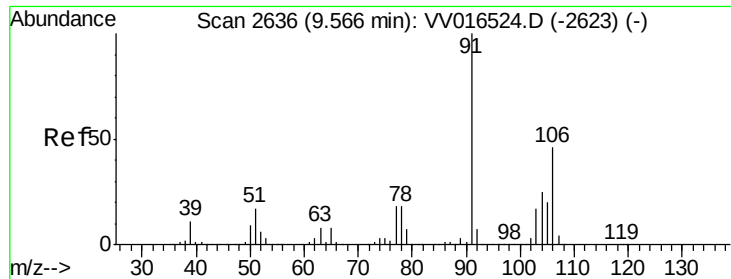
Tgt Ion: 106 Resp: 5981865

Ion Ratio Lower Upper

106 100

91 193.3 142.5 264.6





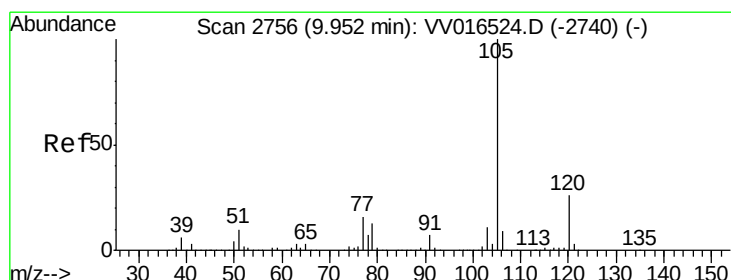
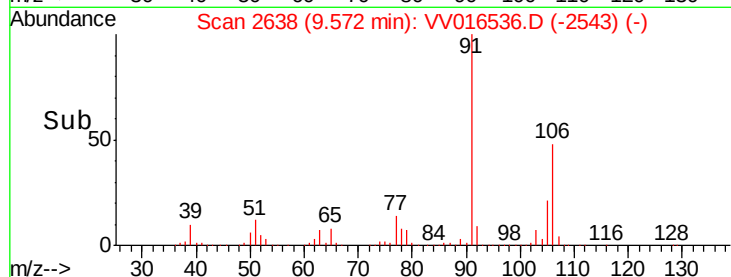
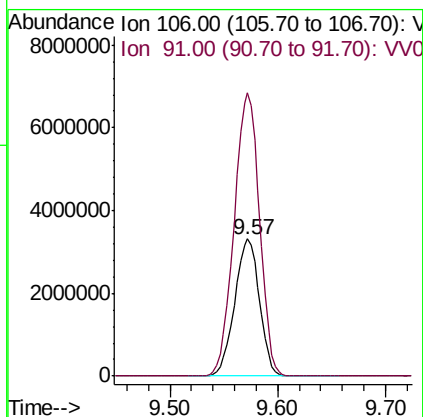
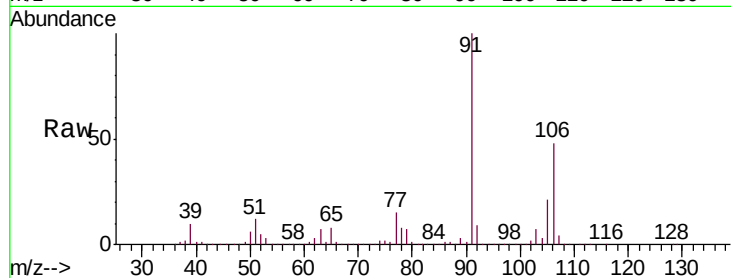
#54
o-xylene
Concen: 1154.087 ug/L
RT: 9.57 min Scan# 2638
Delta R.T. 0.01 min
Lab File: VV016536.D
Acq: 05 Jun 2020 15:18

Instrument :
MSVOA_V
ClientSampled :
F9E40

Tgt Ion:106 Resp: 5306664
Ion Ratio Lower Upper
106 100
91 206.3 152.5 283.1

Manual Integrations
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#56
Isopropylbenzene
Concen: 63.531 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016536.D
Acq: 05 Jun 2020 15:18

Tgt Ion:105 Resp: 758794
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.6
77 16.1 13.0 19.4

