

Data File : VV016541.D
Acq On : 05 Jun 2020 17:17
Operator : SY/MD
Sample : L2861-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E46

Manual Integrations
APPROVED

sam
6/6/2020 11:33:53 AM

Quant Time: Jun 06 04:46:58 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	386325	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	362643	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	183313	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	110755	40.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.96%
7) Chloroethane-d5	1.55	69	73973	37.45	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.90%
11) 1,1-Dichloroethene-d2	2.11	63	148131	30.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.08%
21) 2-Butanone-d5	3.90	46	166434	95.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.13%
24) Chloroform-d	4.37	84	218454	42.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.08%
26) 1,2-Dichloroethane-d4	5.05	65	154681	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.96%
32) Benzene-d6	5.07	84	442614	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
36) 1,2-Dichloropropane-d6	6.09	67	138111	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.26%
41) Toluene-d8	7.34	98	399051	45.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.46%
43) trans-1,3-Dichloropropene-	7.64	79	61365	41.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.20%
47) 2-Hexanone-d5	8.11	63	129948	100.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.25%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	185131	45.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	168983	49.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.10%

Target Compounds

						Qvalue
13) Acetone	2.17	43	5506	3.367	ug/L	92
29) Cyclohexane	4.70	56	7144m	1.660	ug/L	
33) Benzene	5.12	78	86168	8.079	ug/L	100
42) Toluene	7.41	91	72164	6.385	ug/L	96
52) Ethylbenzene	9.04	91	81872	6.656	ug/L	99
53) m,p-Xylene	9.16	106	8683	1.872	ug/L	93
54) o-xylene	9.57	106	5674	1.263	ug/L	100

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

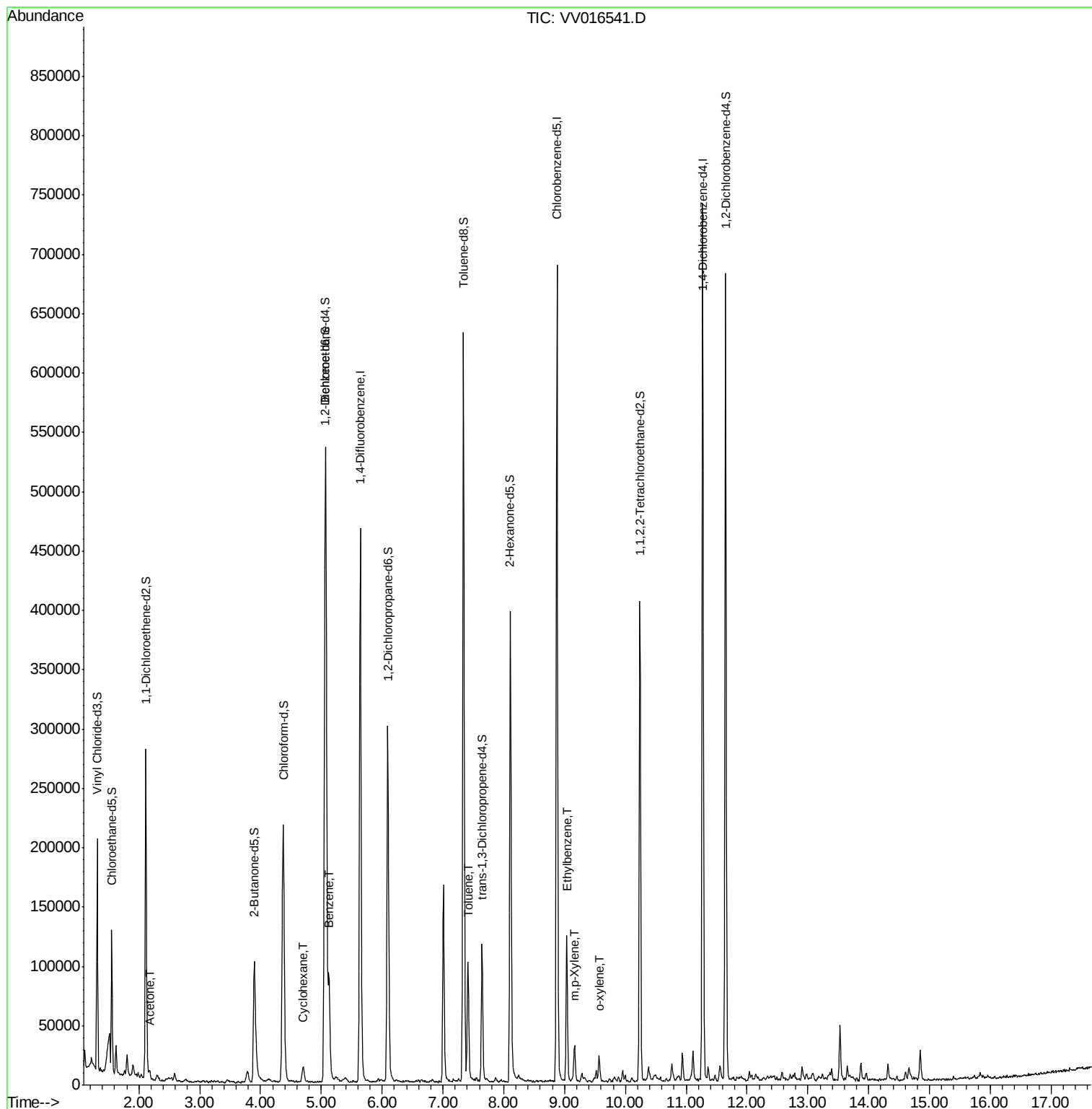
Data File : VV016541.D
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Operator : SY/MD
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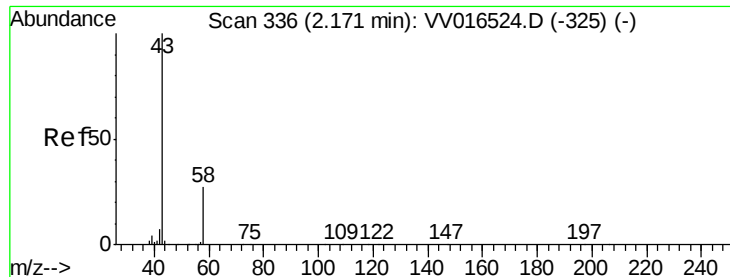
Instrument :
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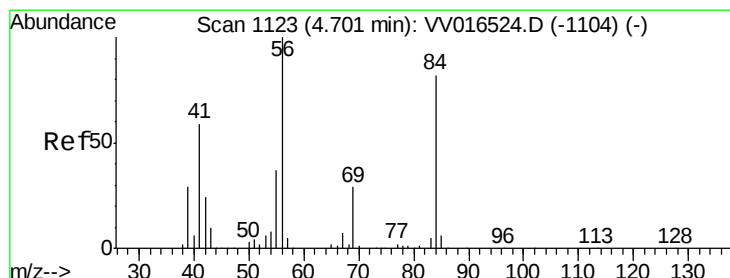
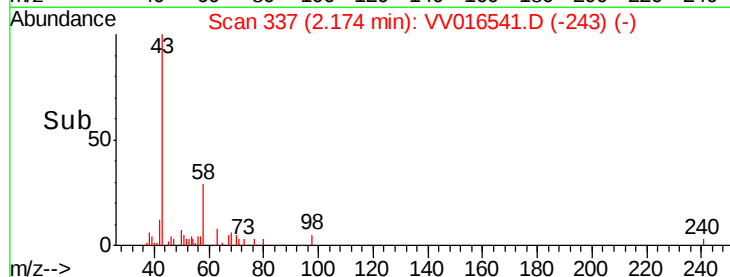
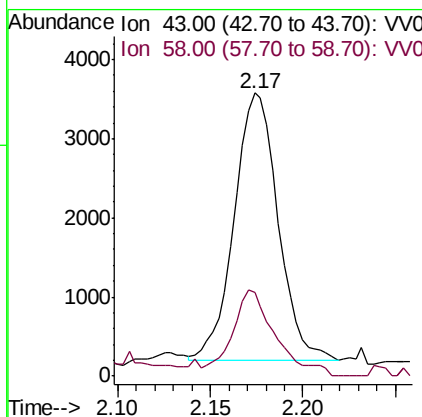
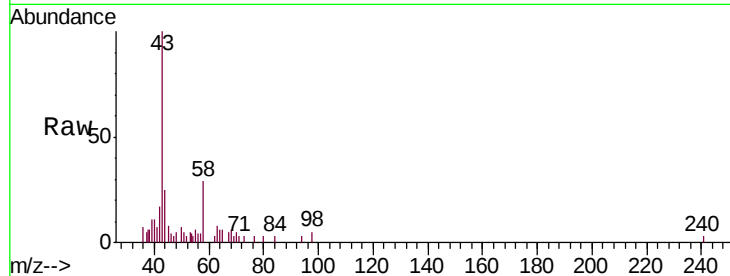
#13
Acetone
Concen: 3.367 ug/L
RT: 2.17 min Scan# 337
Delta R.T. 0.00 min
Lab File: VV016541.D
Acq: 05 Jun 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
F9E46

Tgt Ion: 43 Resp: 5506
Ion Ratio Lower Upper
43 100
58 24.2 0.0 57.2

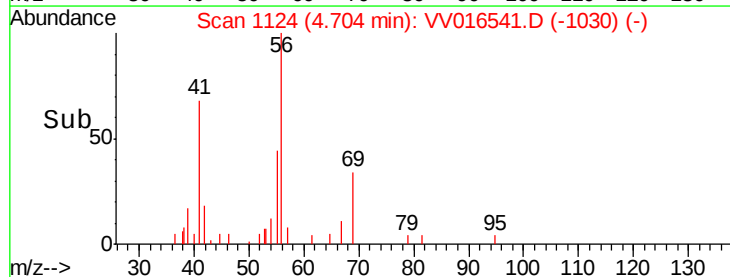
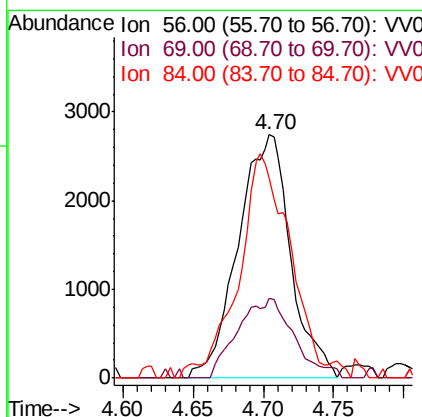
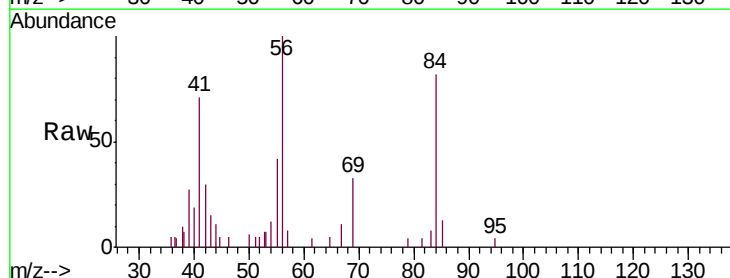
Manual Integrations
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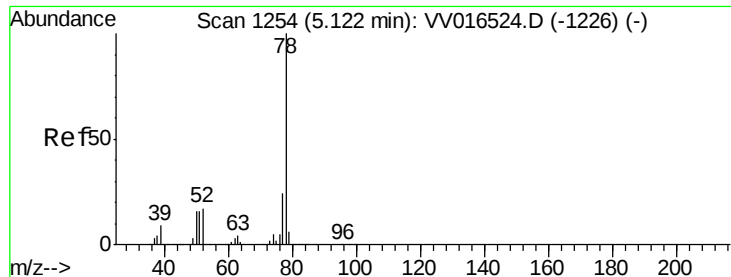
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#29
Cyclohexane
Concen: 1.660 ug/L m
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV016541.D
Acq: 05 Jun 2020 17:17

Tgt Ion: 56 Resp: 7144
Ion Ratio Lower Upper
56 100
69 15.8 23.9 35.9#
84 87.4 68.2 102.2





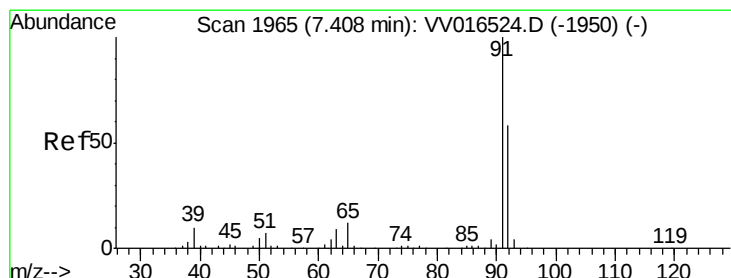
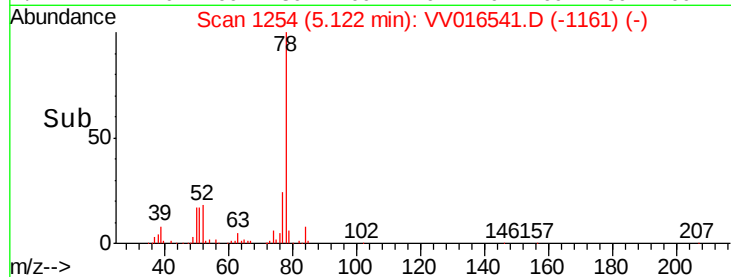
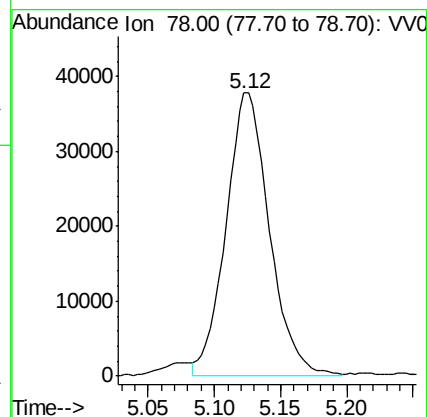
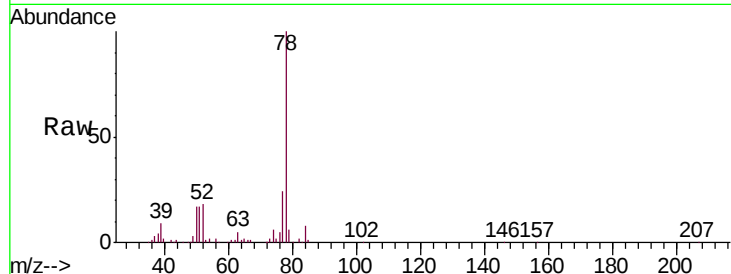
#33
Benzene
Concen: 8.079 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016541.D
Acq: 05 Jun 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
F9E46

Tgt Ion: 78 Resp: 86168

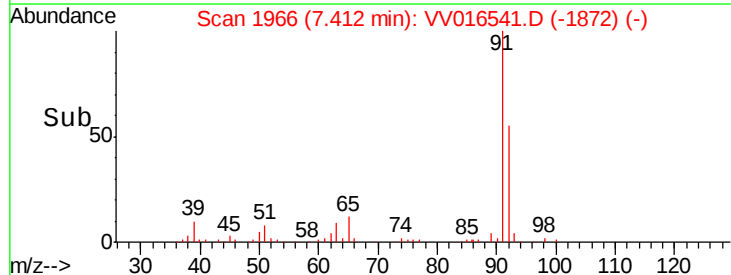
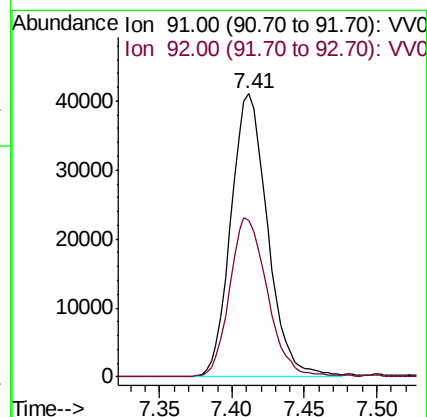
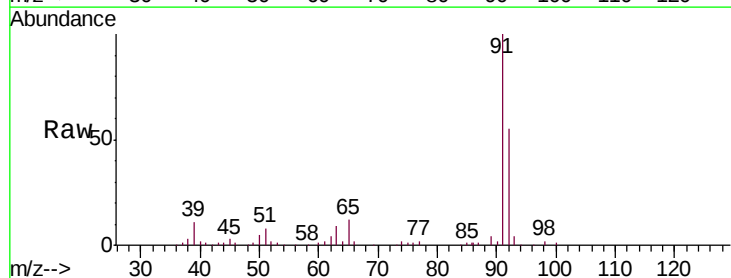
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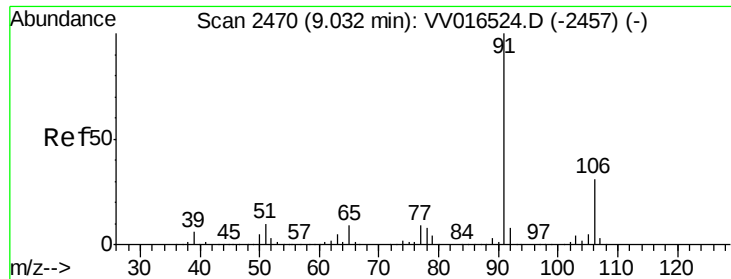
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#42
Toluene
Concen: 6.385 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016541.D
Acq: 05 Jun 2020 17:17

Tgt Ion: 91 Resp: 72164
Ion Ratio Lower Upper
91 100
92 55.3 40.9 75.9





#52

Ethylbenzene

Concen: 6.656 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016541.D

Acq: 05 Jun 2020 17:17

Instrument :

MSVOA_V

ClientSampled :

F9E46

Tgt Ion: 91 Resp: 81872

Ion Ratio Lower Upper

91 100

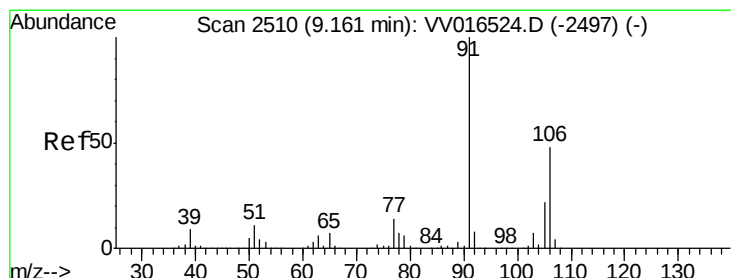
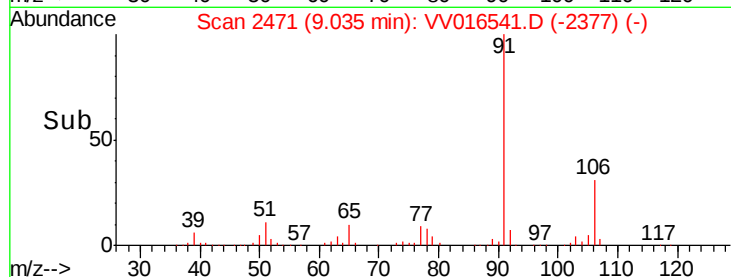
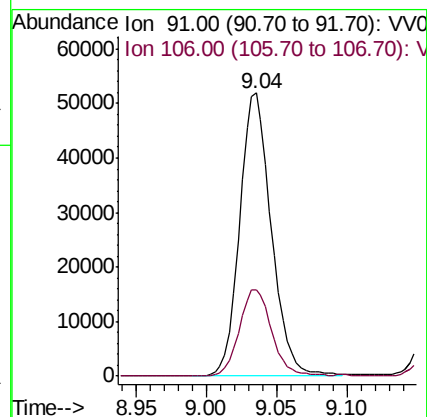
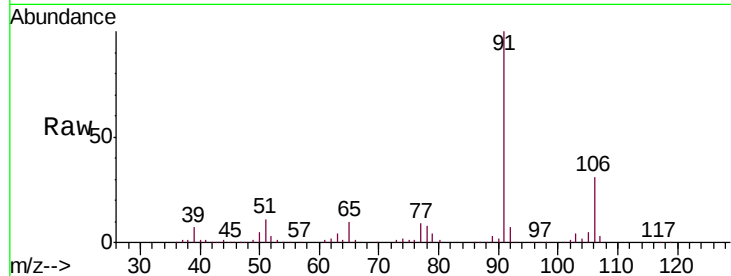
106 30.7 21.8 40.4

Manual Integrations

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#53

m,p-Xylene

Concen: 1.872 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VV016541.D

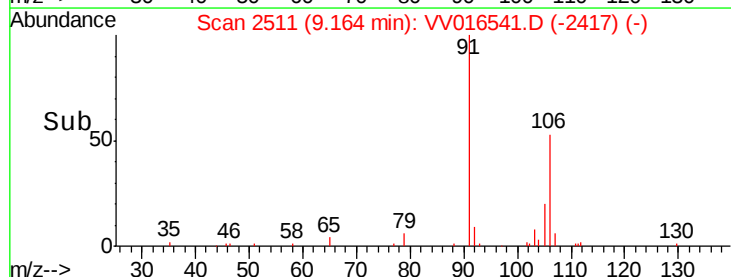
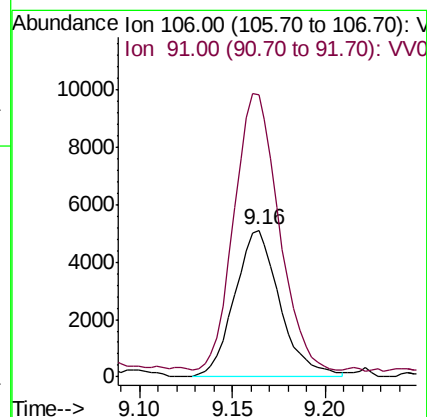
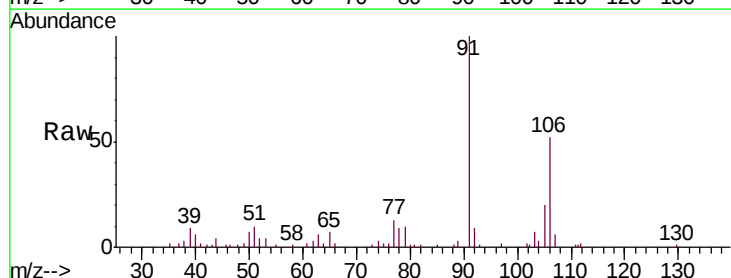
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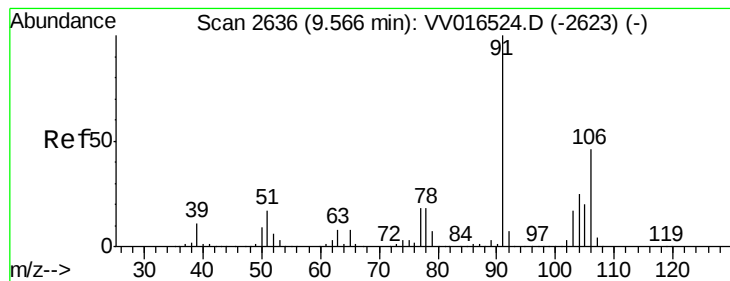
Tgt Ion: 106 Resp: 8683

Ion Ratio Lower Upper

106 100

91 192.8 142.5 264.6





#54

o-xylene

Concen: 1.263 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. -0.00 min

Lab File: VV016541.D

Acq: 05 Jun 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
F9E46

Tgt Ion:106 Resp: 5674

Ion Ratio Lower Upper

106 100

91 217.5 152.5 283.1

Manual Integrations
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sam
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