

Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E67

Manual Integrations
APPROVED

sam
6/6/2020 11:34:16 AM

Quant Time: Jun 06 08:57:50 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	433947	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	416914	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	209284	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	123793	40.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.56%
7) Chloroethane-d5	1.56	69	88340	39.81	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.62%
11) 1,1-Dichloroethene-d2	2.12	63	164925	30.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.54%
21) 2-Butanone-d5	3.90	46	197746	100.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.62%
24) Chloroform-d	4.37	84	248250	43.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.08%
26) 1,2-Dichloroethane-d4	5.08	65	175085m	45.33	ug/L	0.03
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.66%
32) Benzene-d6	5.09	84	488913	43.78	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.56%
36) 1,2-Dichloropropane-d6	6.09	67	154386	44.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.74%
41) Toluene-d8	7.34	98	465017	45.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.70%
43) trans-1,3-Dichloropropene-	7.64	79	72989	43.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.08%
47) 2-Hexanone-d5	8.11	63	163818	109.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.92%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	201360	42.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	184245	46.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.70%

Target Compounds

						Qvalue
13) Acetone	2.17	43	11539	6.282	ug/L	100
29) Cyclohexane	4.70	56	184628	37.312	ug/L	99
33) Benzene	5.12	78	46689411m	3807.845	ug/L	
35) Methylcyclohexane	6.15	83	29579	6.405	ug/L	95
40) 4-Methyl-2-pentanone	7.25	43	261458	59.456	ug/L	99
42) Toluene	7.41	91	12315743	947.897	ug/L	94
48) 2-Hexanone	8.16	43	164324	48.065	ug/L #	98
52) Ethylbenzene	9.04	91	7730074	546.641	ug/L	99
53) m,p-Xylene	9.16	106	1161495	217.829	ug/L	98
54) o-xylene	9.57	106	1409439	272.930	ug/L	100
56) Isopropylbenzene	9.95	105	167993	12.524	ug/L #	97

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

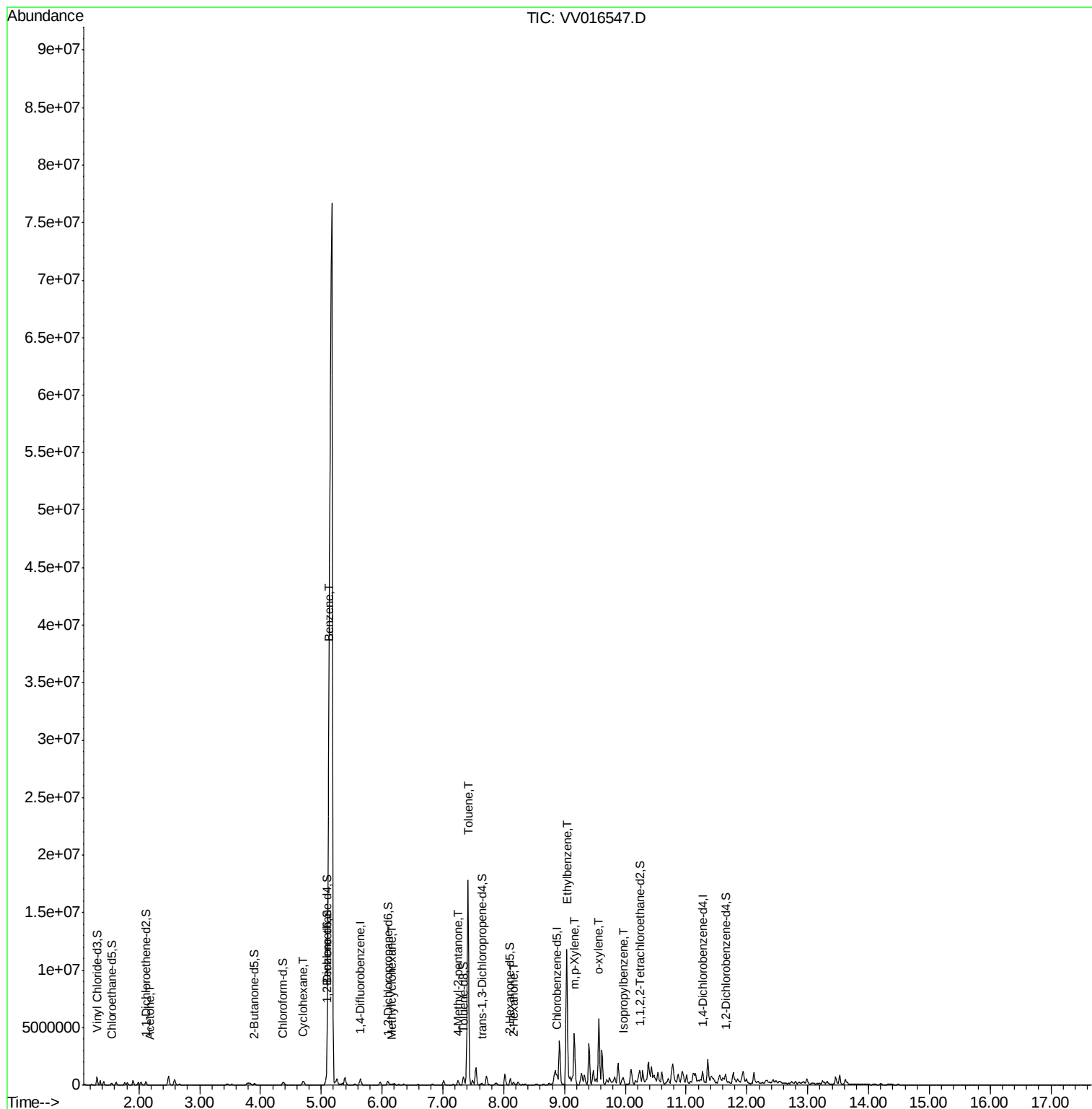
Data File : VV016547.D
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ALS Vial : 25 Sample Multiplier: 1

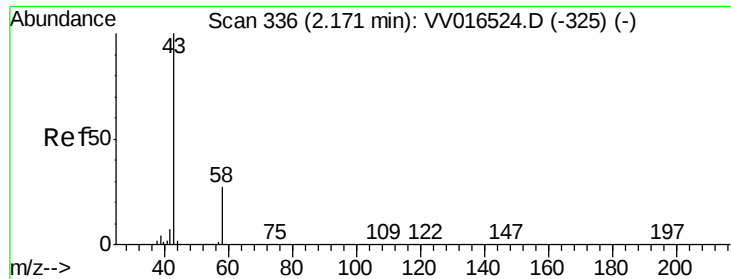
Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 06:28:49 2020
Response via : Initial Calibration





#13

Acetone

Concen: 6.282 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016547.D

Acq: 05 Jun 2020 19:39

Instrument :

MSVOA_V

ClientSampleId :

F9E67

Tgt Ion: 43 Resp: 11539

Ion Ratio Lower Upper

43 100

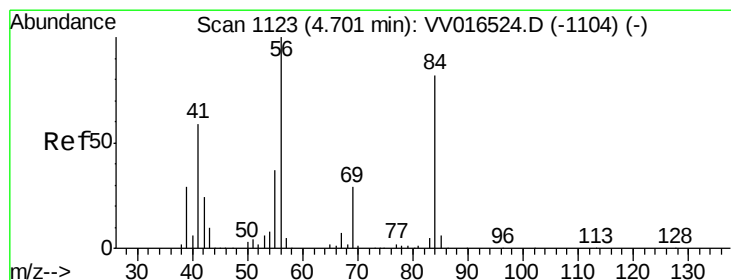
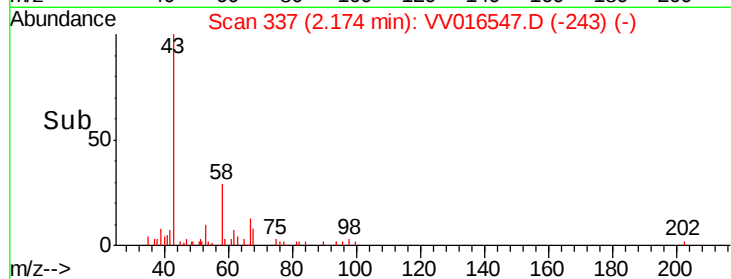
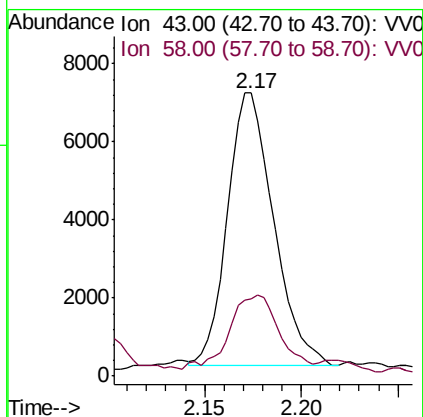
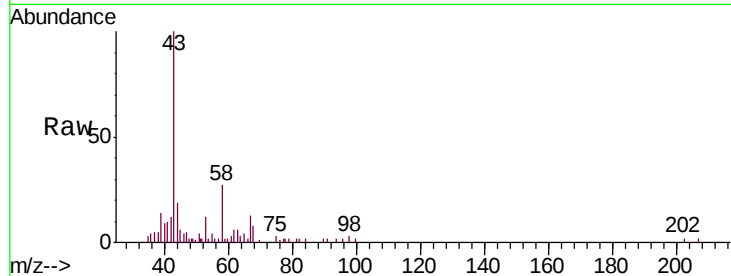
58 28.5 0.0 57.2

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#29

Cyclohexane

Concen: 37.312 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VV016547.D

Acq: 05 Jun 2020 19:39

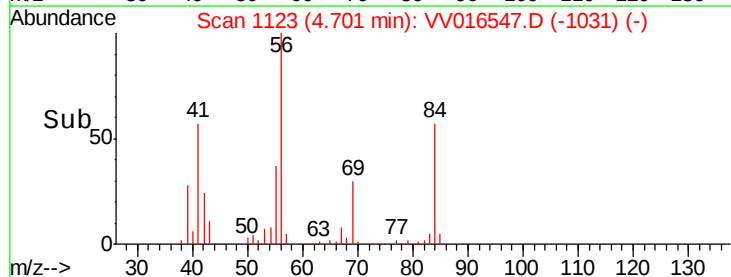
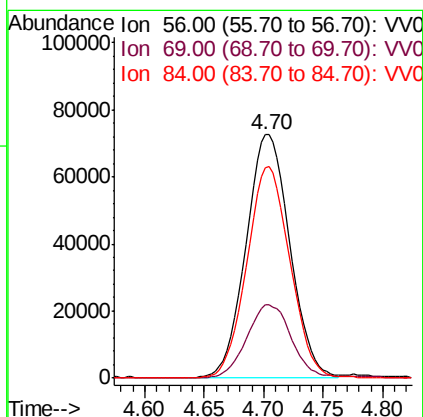
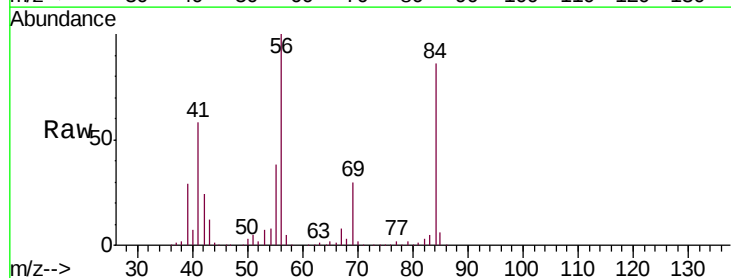
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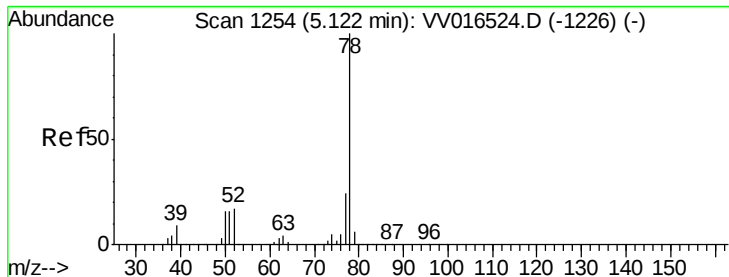
Ion Ratio Lower Upper

56 100

69 30.5 23.9 35.9

84 85.8 68.2 102.2





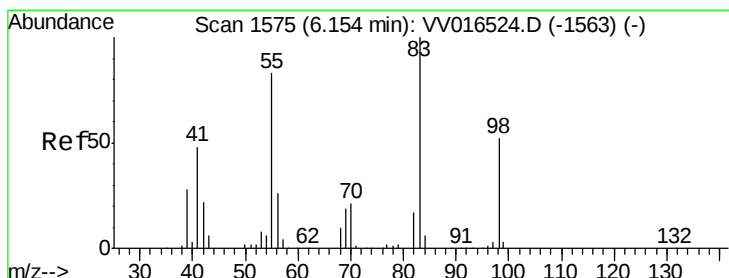
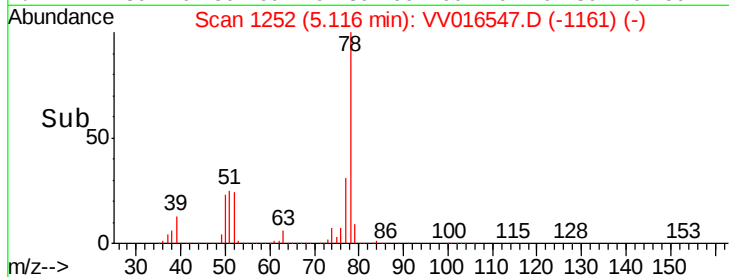
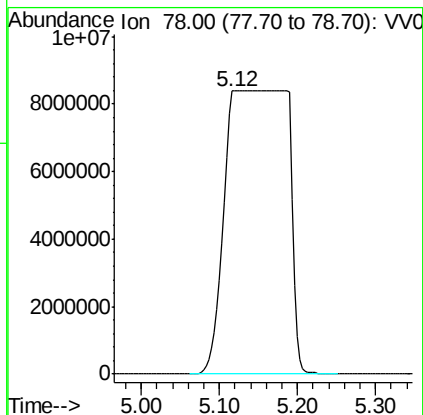
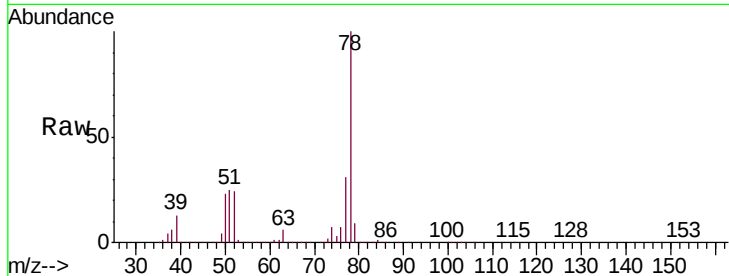
#33
Benzene
Concen: 3807.845 ug/L m
RT: 5.12 min Scan# 1252
Delta R.T. -0.01 min
Lab File: VV016547.D
Acq: 05 Jun 2020 19:39

Instrument :
MSVOA_V
ClientSampleId :
F9E67

Tgt Ion: 78 Resp:46689411

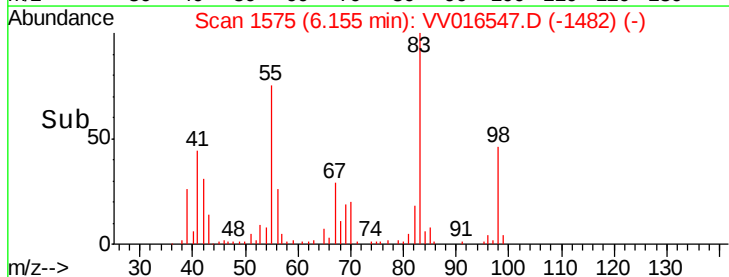
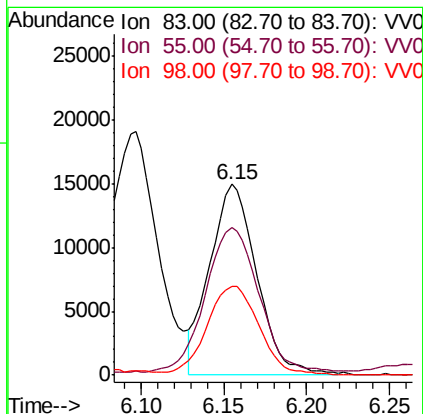
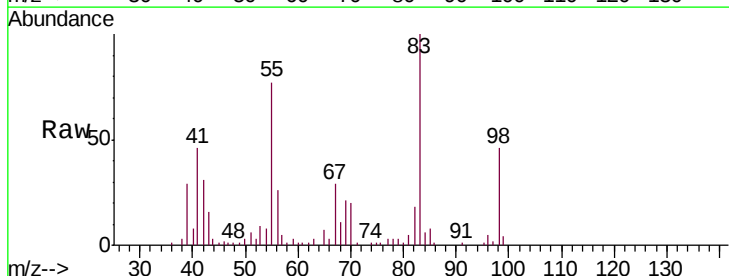
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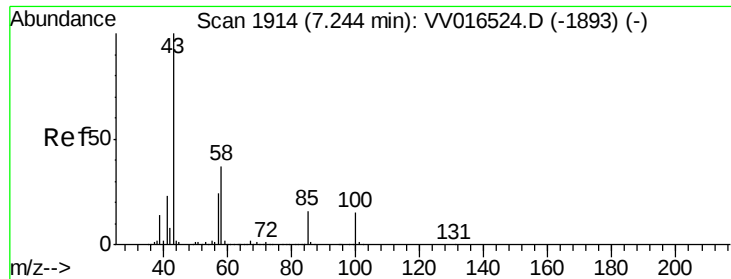
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#35
Methylcyclohexane
Concen: 6.405 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VV016547.D
Acq: 05 Jun 2020 19:39

Tgt Ion: 83 Resp: 29579
Ion Ratio Lower Upper
83 100
55 86.0 63.4 95.0
98 49.8 39.4 59.0





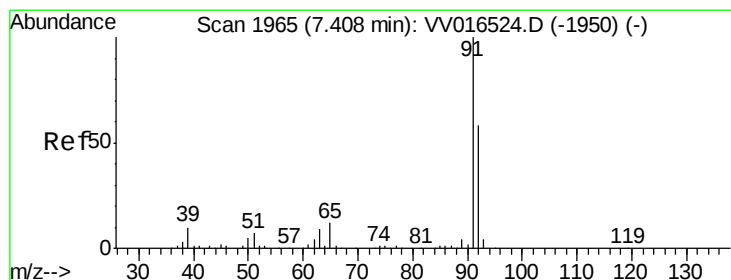
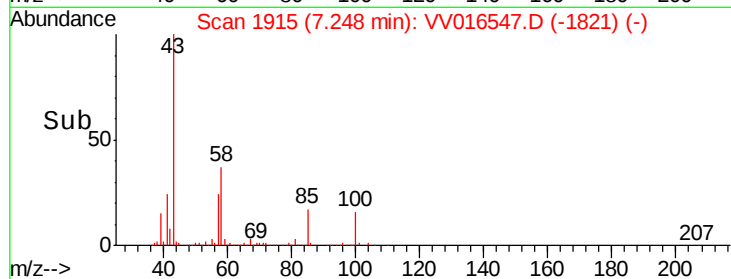
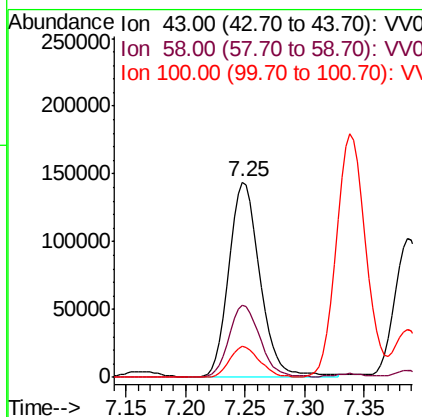
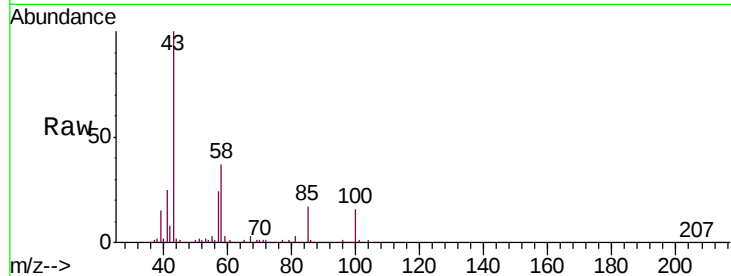
#40
4-Methyl-2-pentanone
Concen: 59.456 ug/L
RT: 7.25 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VV016547.D
Acq: 05 Jun 2020 19:39

Instrument :
MSVOA_V
ClientSampleId :
F9E67

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.9	29.9	44.9
100	15.3	11.9	17.9

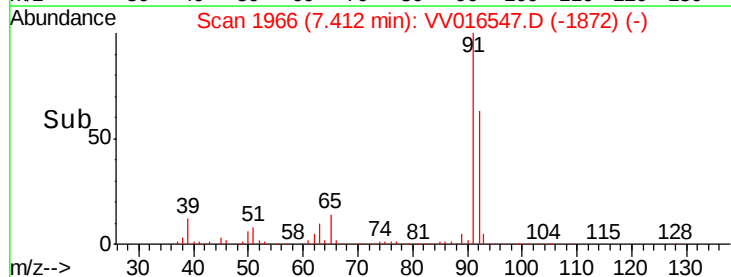
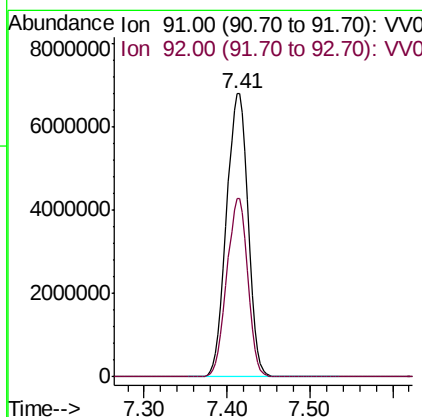
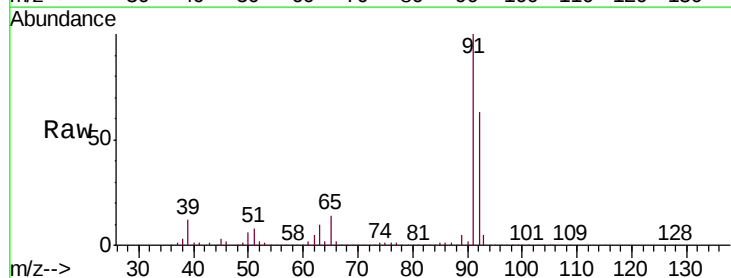
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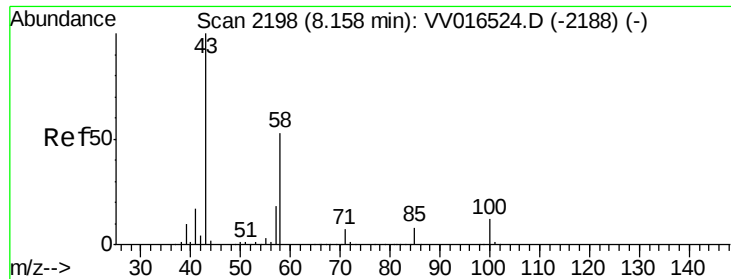
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#42
Toluene
Concen: 947.897 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016547.D
Acq: 05 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
91	100		
92	63.1	40.9	75.9





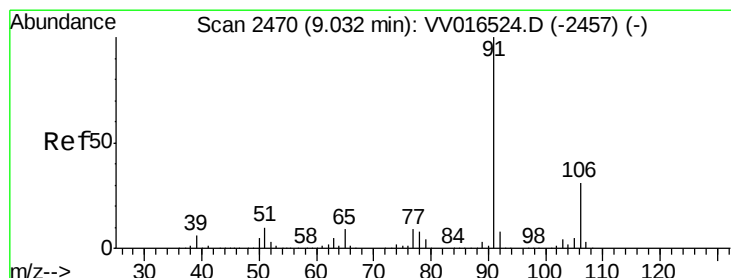
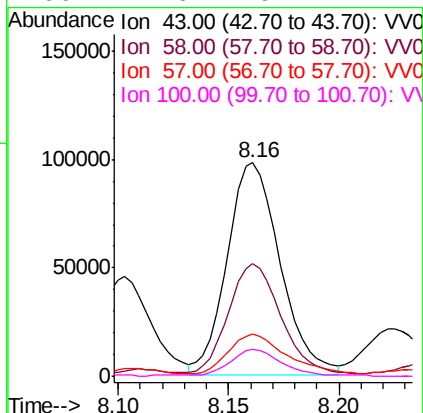
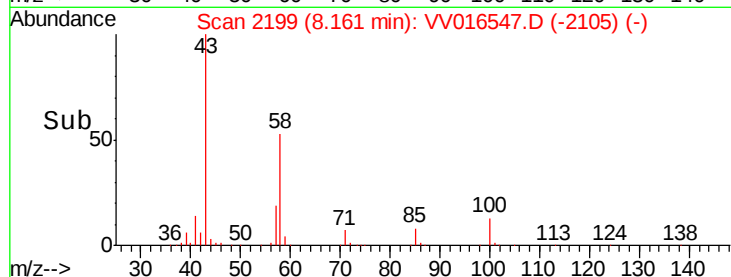
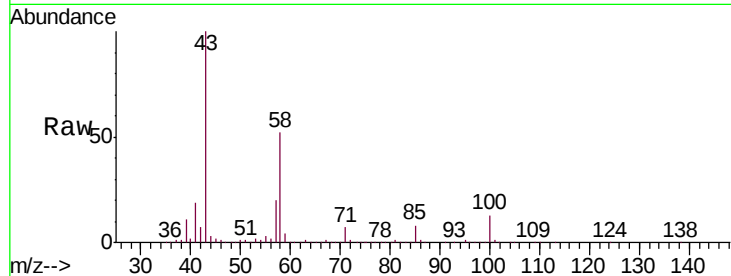
#48
2-Hexanone
Concen: 48.065 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV016547.D
Acq: 05 Jun 2020 19:39

Instrument :
MSVOA_V
ClientSampleId :
F9E67

Tgt Ion	Ratio	Lower	Upper
43	100		
58	53.5	42.7	64.1
57	22.2	14.5	21.7
100	11.6	9.4	14.2

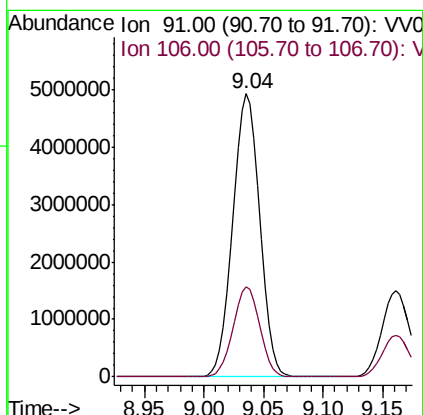
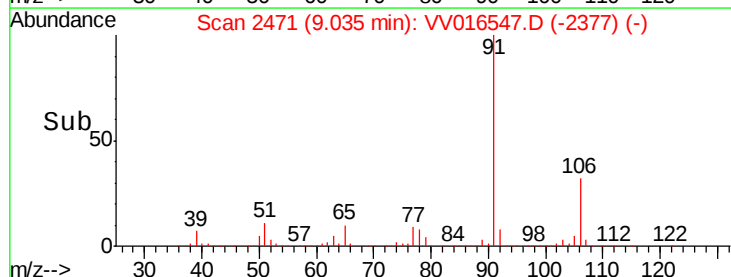
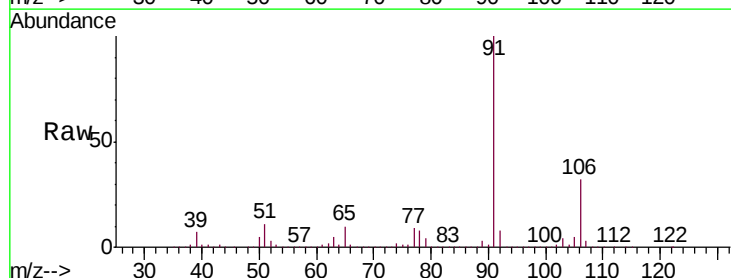
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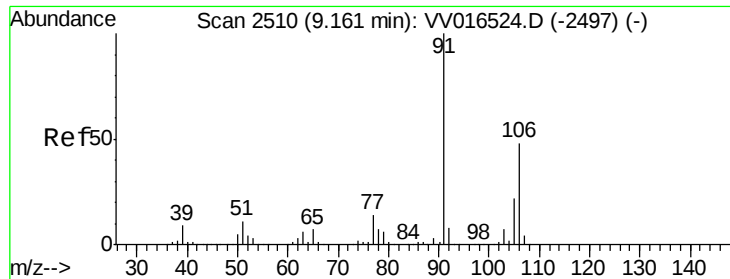
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#52
Ethylbenzene
Concen: 546.641 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016547.D
Acq: 05 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.8	21.8	40.4





#53

m,p-Xylene

Concen: 217.829 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016547.D

Acq: 05 Jun 2020 19:39

Instrument :

MSVOA_V

ClientSampleId :

F9E67

Tgt Ion:106 Resp: 1161495

Ion Ratio Lower Upper

106 100

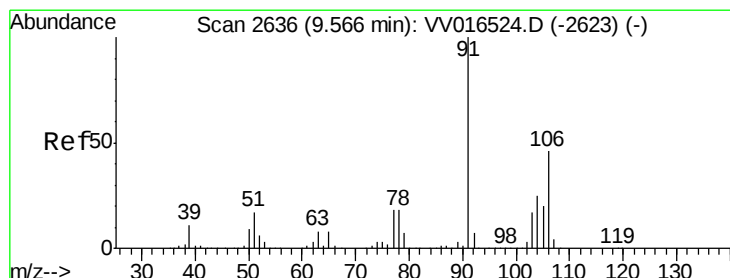
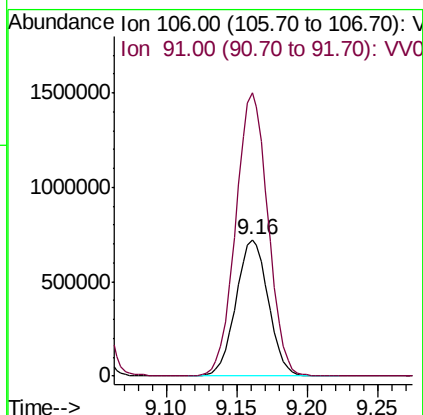
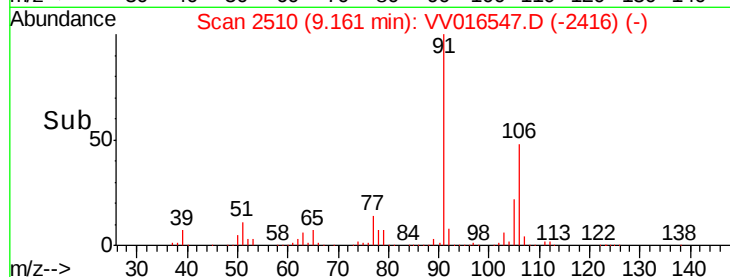
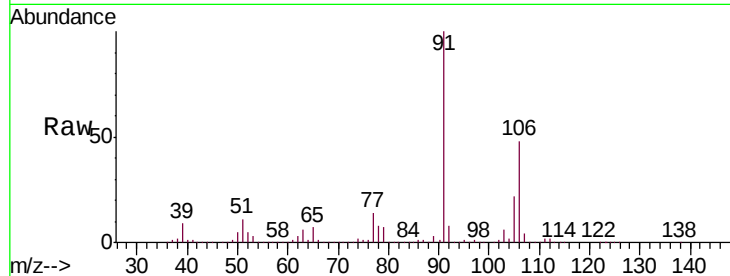
91 206.9 142.5 264.6

Manual Integrations

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#54

o-xylene

Concen: 272.930 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016547.D

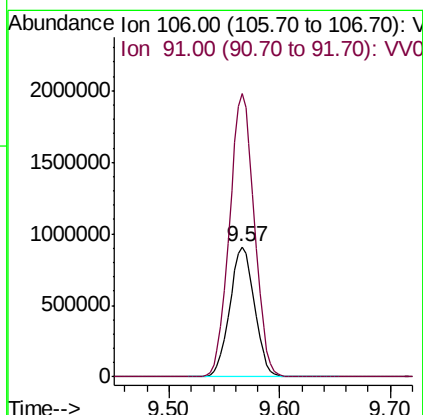
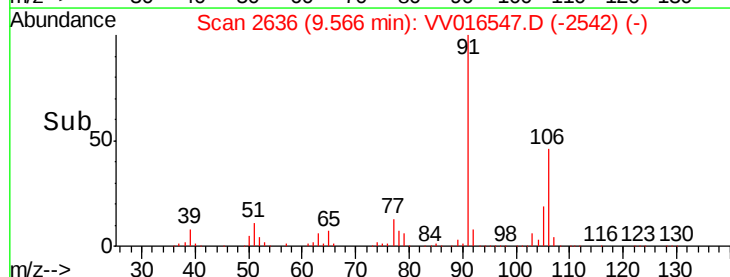
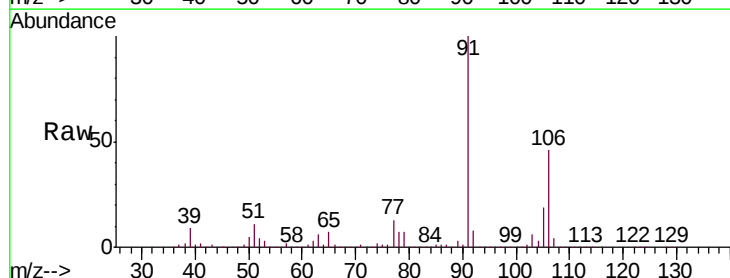
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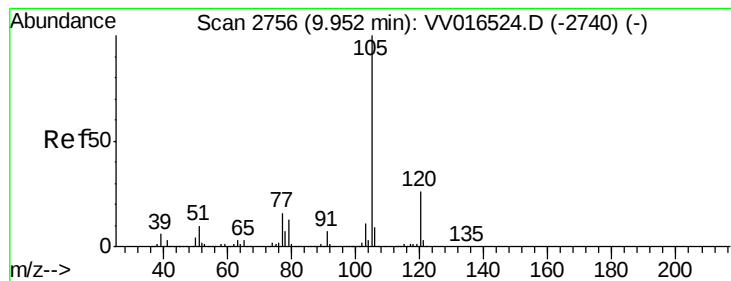
Tgt Ion:106 Resp: 1409439

Ion Ratio Lower Upper

106 100

91 217.8 152.5 283.1





#56

Isopropylbenzene

Concen: 12.524 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV016547.D

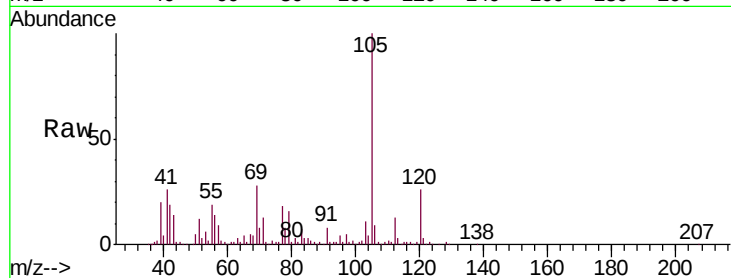
Acq: 05 Jun 2020 19:39

Instrument :

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Tgt	Ion	Ratio	Resp	Lower	Upper
105	105	100	167993		
120	120	26.3		21.0	31.6
77	77	19.7		13.0	19.4

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