

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081919\
 Data File : VV012292.D
 Acq On : 19 Aug 2019 22:14
 Operator : SY/MD
 Sample : K4373-11
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB2

Manual Integrations
 APPROVED

MMDadoda
 8/20/2019 12:41:38 PM

Quant Time: Aug 20 04:07:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 20 02:35:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	164458	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	155503	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	89386	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37986	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.58	69	29944	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.13	63	57915	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.96	46	102470	45.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.46%
24) Chloroform-d	4.40	84	99211	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.08	65	51077	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	5.10	84	195963	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.12	67	55480	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.36	98	183982	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.66	79	22299	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.13	63	91645	58.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42515	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	75794	4.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.22	43	6903	5.825	ug/L	75
15) Methyl Acetate	2.46	43	4123m	1.754	ug/L	
30) Cyclohexane	4.72	56	2245	0.144	ug/L #	61
33) Benzene	5.14	78	3416469	79.429	ug/L	100
35) Methylcyclohexane	6.18	83	5307	0.281	ug/L	96
42) Toluene	7.43	91	4088454	85.876	ug/L	99
52) Ethylbenzene	9.05	91	6589539	123.706	ug/L	97
53) m,p-xylene	9.18	106	2444236	117.538	ug/L	98
54) o-xylene	9.59	106	1202933	60.144	ug/L	100
56) Isopropylbenzene	9.97	105	1845335	33.426	ug/L	100

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

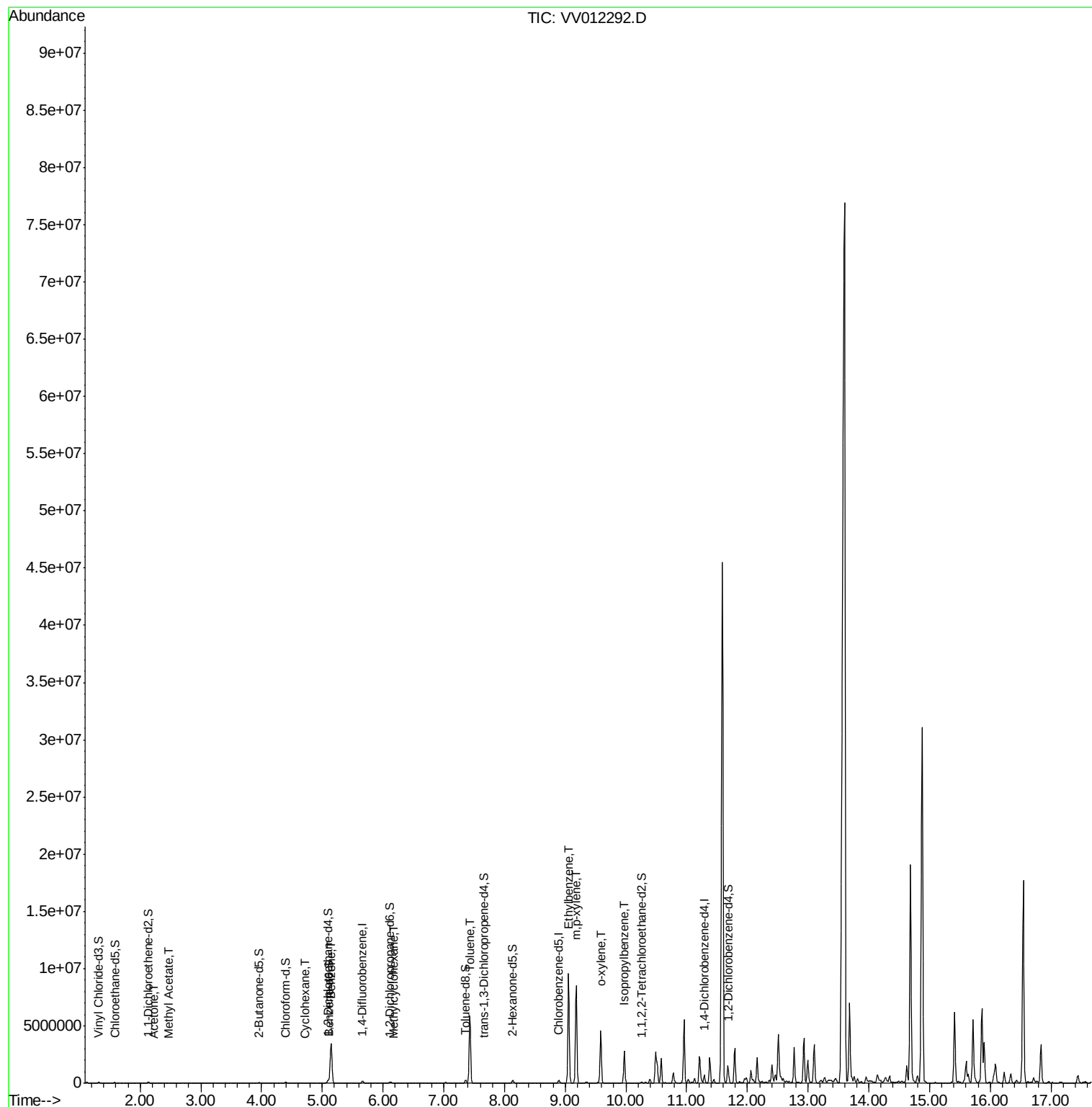
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012292.D
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Operator : SY/MD
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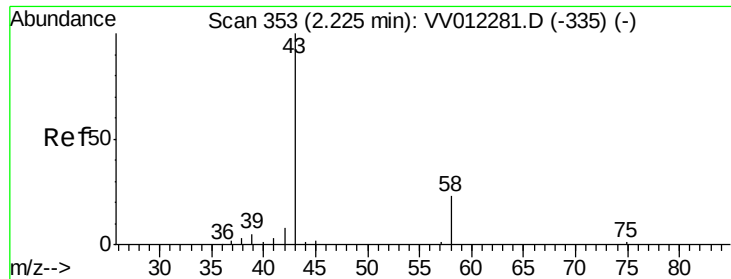
Instrument :
MSVOA_V
ClientSampleId :
C0AB2

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Quant Time: Aug 20 04:07:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.825 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.00 min

Lab File: VV012292.D

Acq: 19 Aug 2019 22:14

Instrument :

MSVOA_V

ClientSampled :

C0AB2

Tot Ion: 43 Resp: 6903

Ion Ratio Lower Upper

43 100

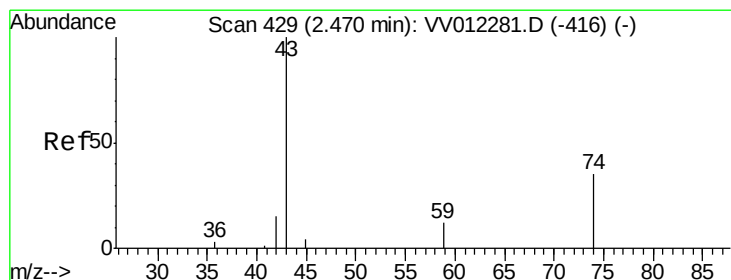
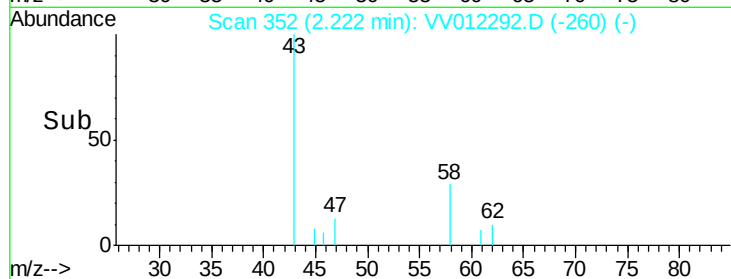
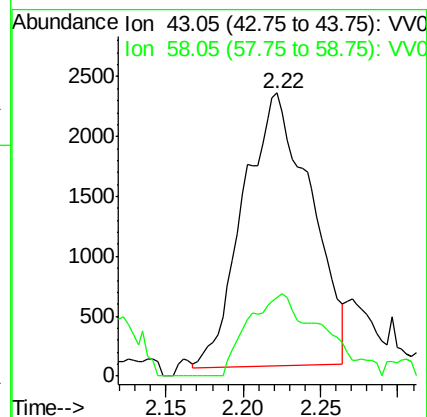
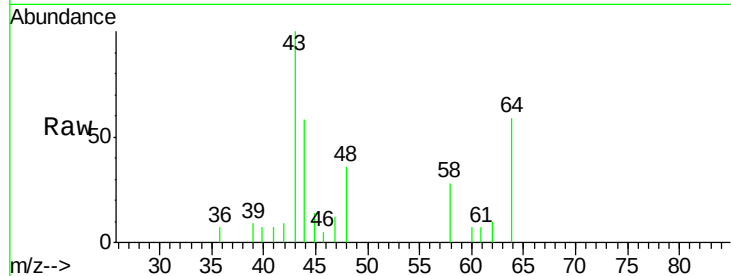
58 22.9 0.0 25.6

Manual Integrations

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#15

Methyl Acetate

Concen: 1.754 ug/L m

RT: 2.46 min Scan# 427

Delta R.T. -0.01 min

Lab File: VV012292.D

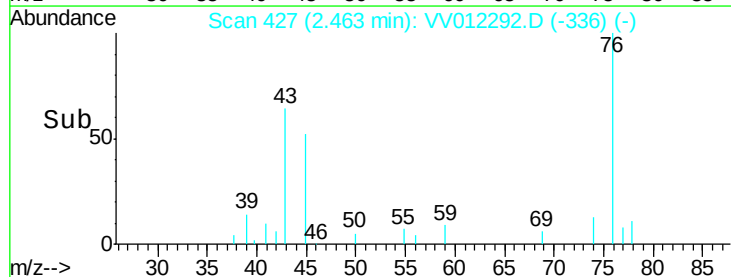
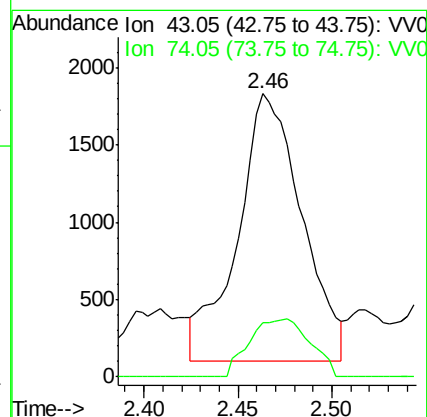
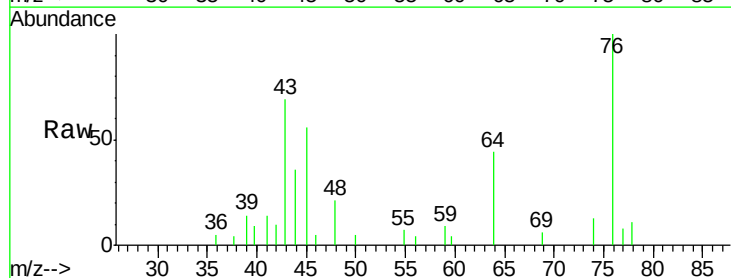
Acq: 19 Aug 2019 22:14

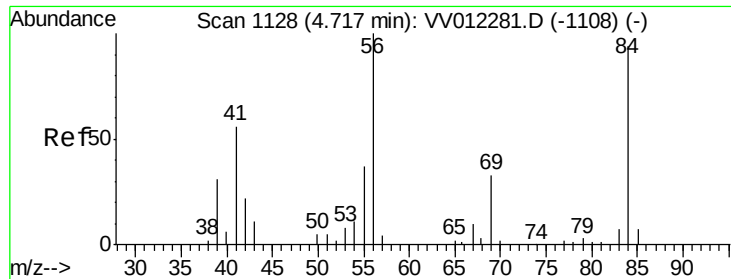
Tgt Ion: 43 Resp: 4123

Ion Ratio Lower Upper

43 100

74 20.4 24.9 37.3#





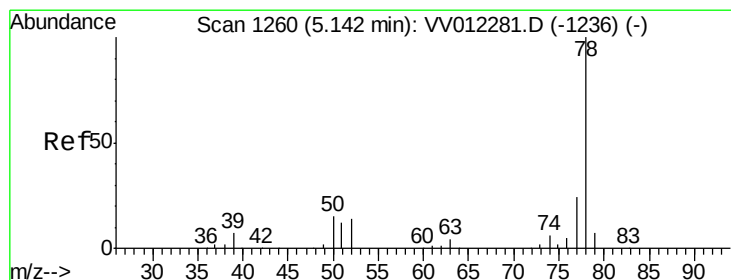
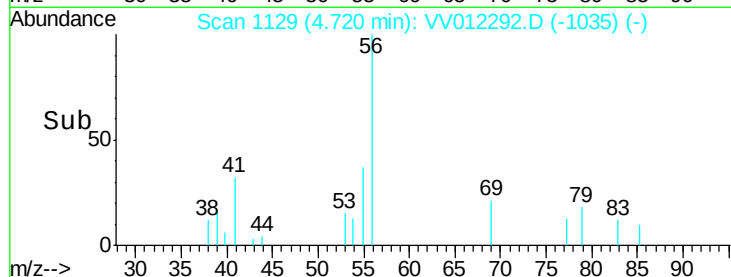
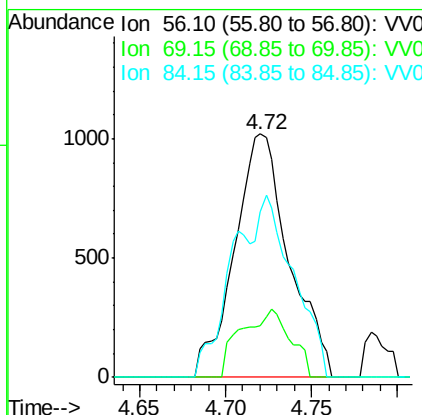
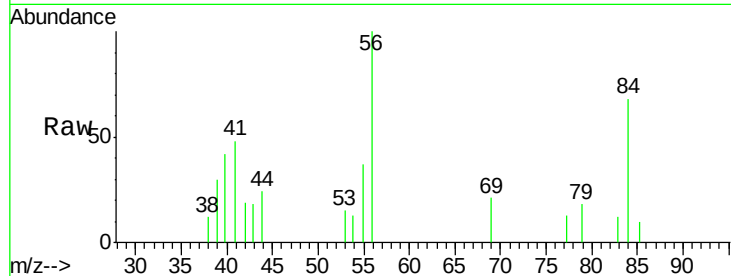
#30
Cyclohexane
Concen: 0.144 ug/L
RT: 4.72 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VV012292.D
Acq: 19 Aug 2019 22:14

Instrument :
MSVOA_V
ClientSampled :
C0AB2

Tot Ion	Ratio	Lower	Upper
56	100		
69	25.1	25.3	37.9#
84	52.1	79.9	119.9#

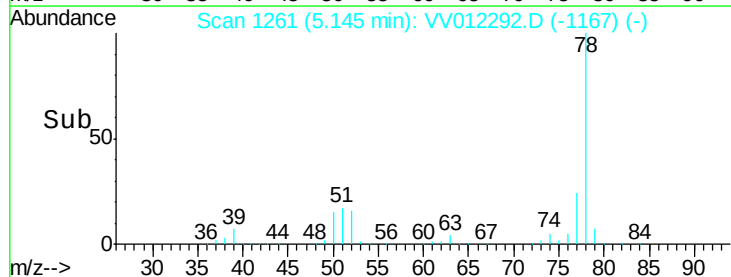
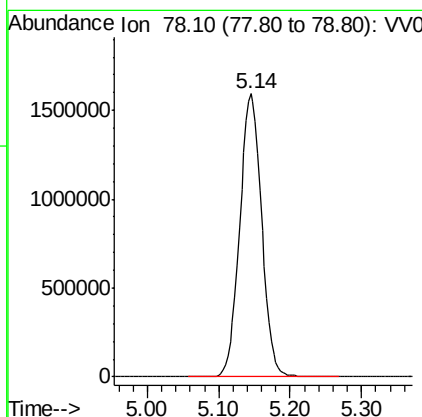
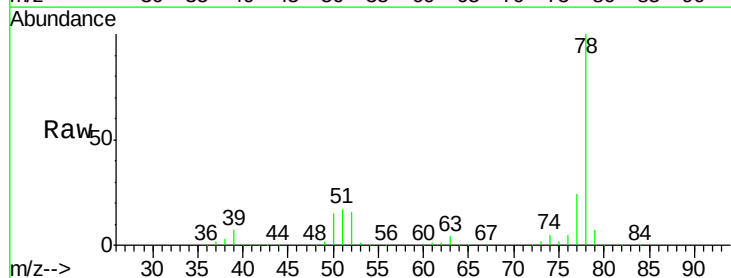
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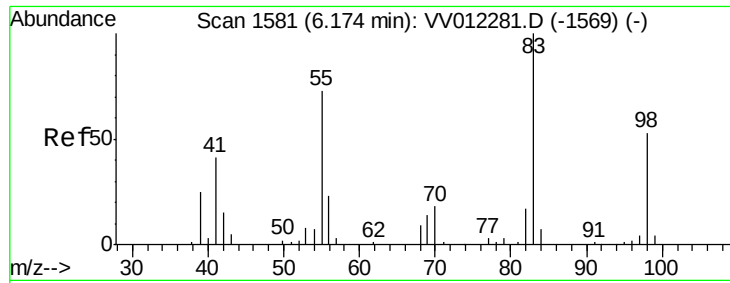
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#33
Benzene
Concen: 79.429 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV012292.D
Acq: 19 Aug 2019 22:14

Tgt Ion: 78 Resp: 3416469





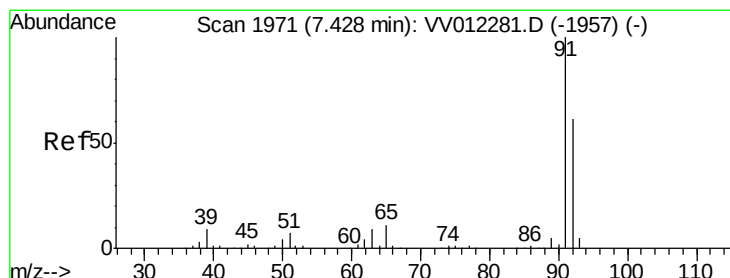
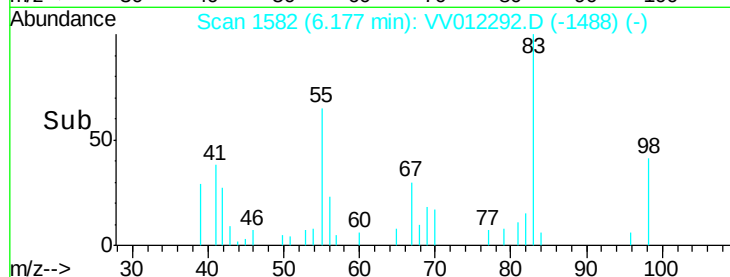
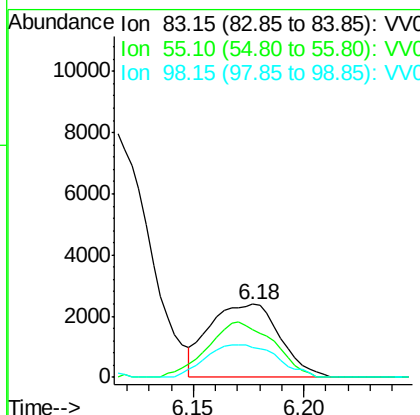
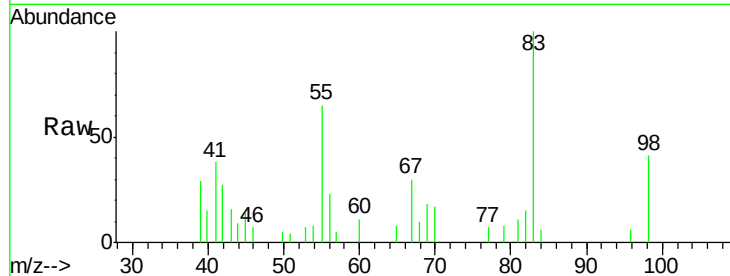
#35
Methylvlclohexane
Concen: 0.281 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VV012292.D
Acq: 19 Aug 2019 22:14

Instrument :
MSVOA_V
ClientSampled :
C0AB2

Tot Ion	83	Resp	5307
Ion Ratio	100	Lower	Upper
83	100		
55	70.8	57.3	85.9
98	45.2	40.3	60.5

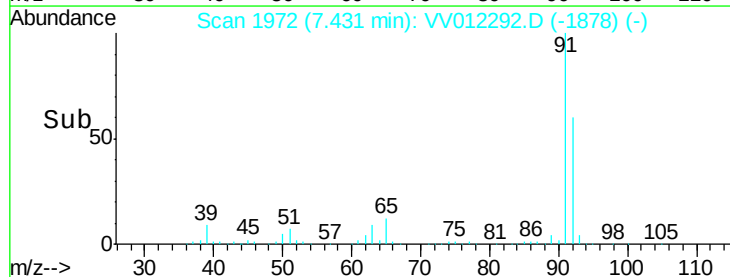
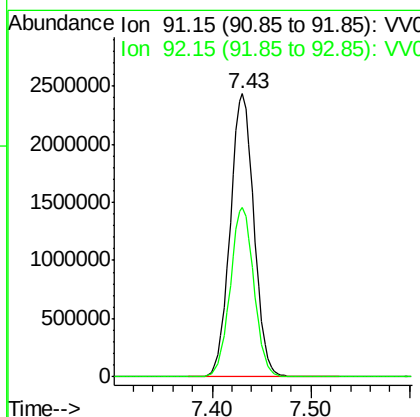
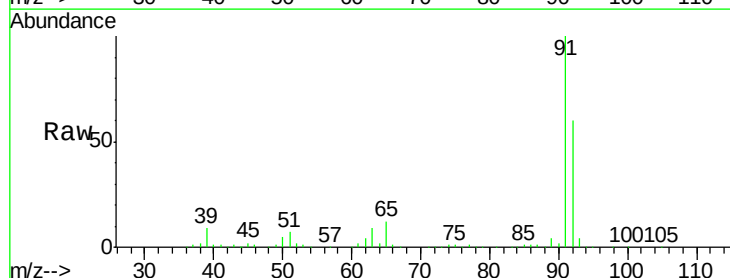
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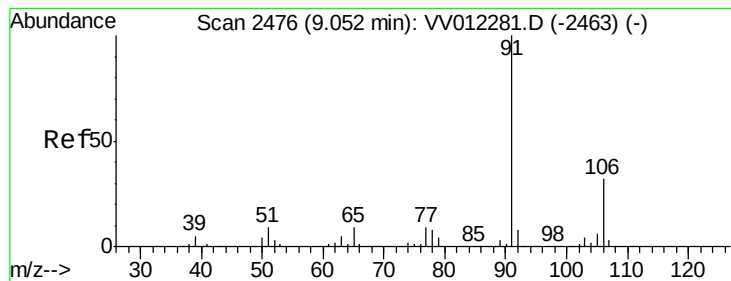
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#42
Toluene
Concen: 85.876 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV012292.D
Acq: 19 Aug 2019 22:14

Tgt Ion	91	Resp	4088454
Ion Ratio	100	Lower	Upper
91	100		
92	60.1	41.6	77.3





#52

Ethylbenzene

Concen: 123.706 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV012292.D

Acq: 19 Aug 2019 22:14

Instrument :

MSVOA_V

ClientSampleId :

C0AB2

Tot Ion: 91 Resp: 6589539

Ion Ratio Lower Upper

91 100

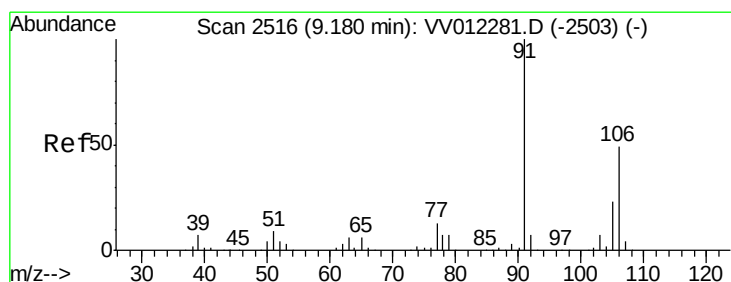
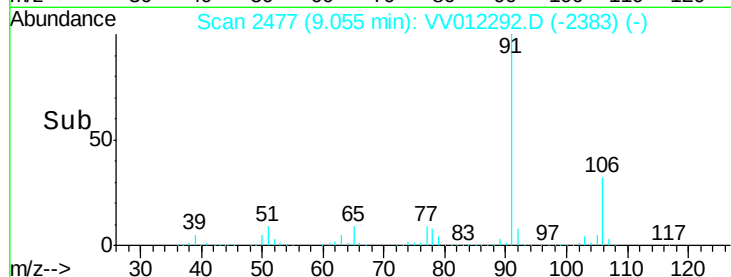
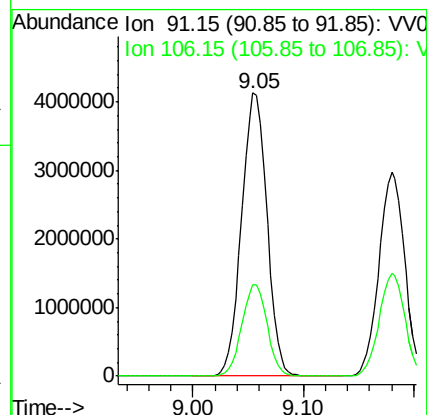
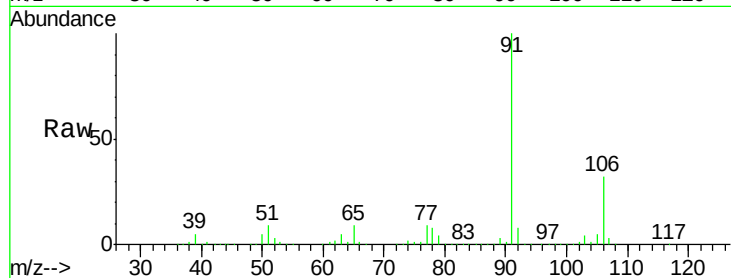
106 32.4 21.6 40.0

Manual Integrations

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#53

m,p-xylene

Concen: 117.538 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. -0.00 min

Lab File: VV012292.D

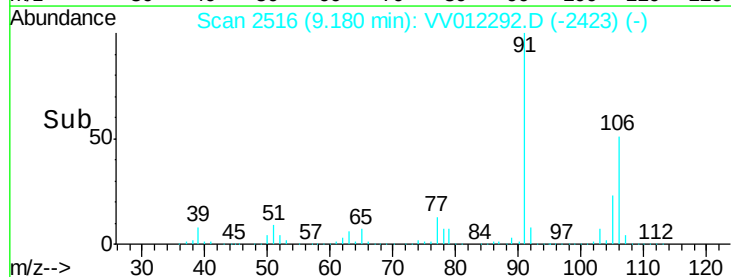
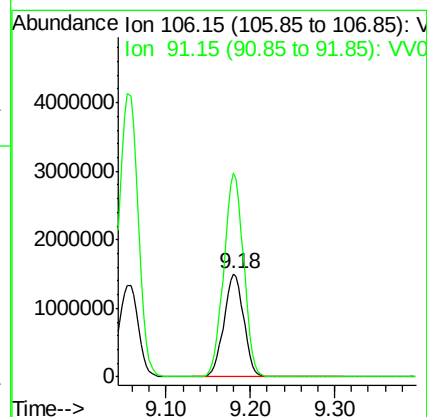
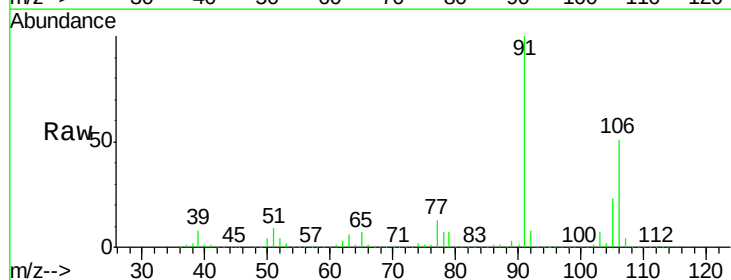
Acq: 19 Aug 2019 22:14

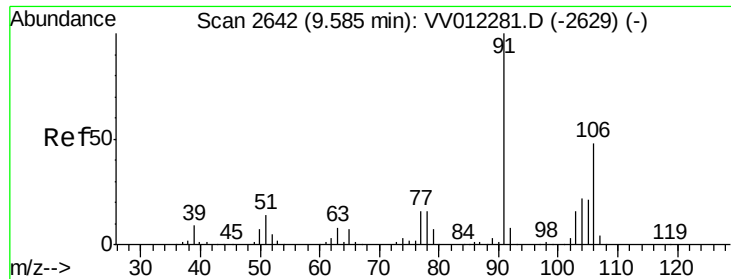
Tgt Ion: 106 Resp: 2444236

Ion Ratio Lower Upper

106 100

91 197.7 136.0 252.6





#54

o-xylene

Concen: 60.144 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. -0.00 min

Lab File: VV012292.D

Acq: 19 Aug 2019 22:14

Tot Ion:106 Resp: 1202933

Ion Ratio Lower Upper

106 100

91 212.8 148.7 276.1

Instrument :

MSVOA_V

ClientSampled :

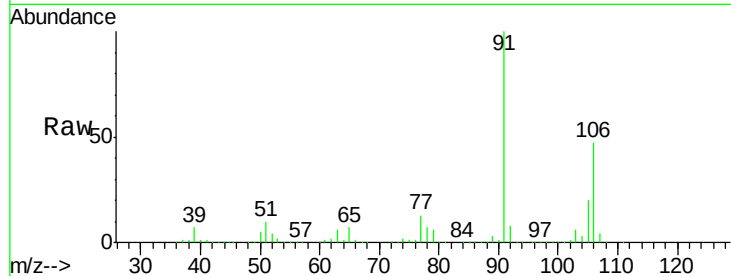
C0AB2

Manual Integrations

APPROVED

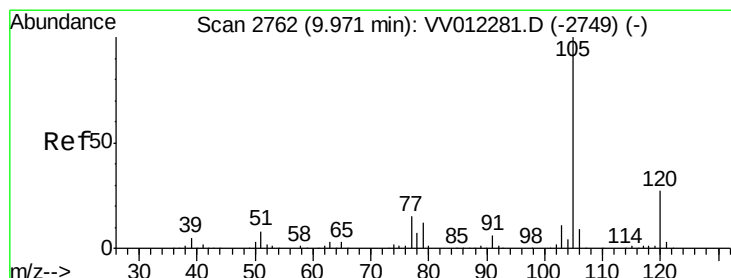
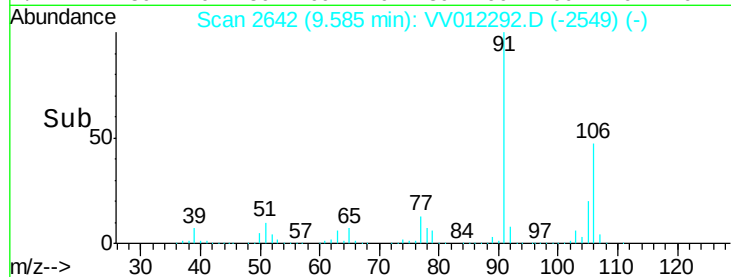
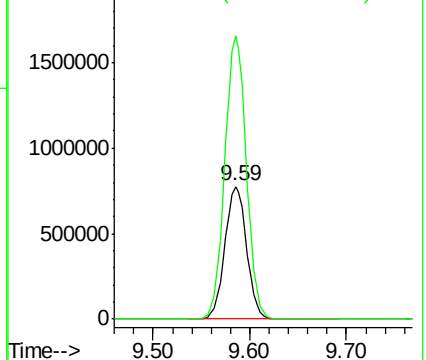
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Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

Isopropylbenzene

Concen: 33.426 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV012292.D

Acq: 19 Aug 2019 22:14

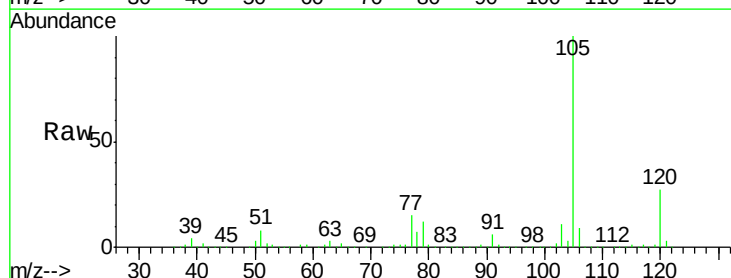
Tgt Ion:105 Resp: 1845335

Ion Ratio Lower Upper

105 100

120 26.8 21.4 32.0

77 15.1 12.2 18.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VV0

