

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010378.D
 Acq On : 19 Apr 2019 10:05
 Operator : SY/MD
 Sample : K2402-08MS
 Misc : 5.03G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHH9MS

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 6:53:49 AM

Quant Time: Apr 20 03:53:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 20 02:27:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	54734	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	51086	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	24568	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	13472	19.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.52%
7) Chloroethane-d5	1.59	69	12836	21.99	ug/L	0.03
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.96%
10) 1,1-Dichloroethene-d2	2.13	63	35211	21.00	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.00%
20) 2-Butanone-d5	3.95	46	4802m	22.19	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.38%
24) Chloroform-d	4.41	84	31008	21.55	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.09	65	16940	19.94	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.76%
29) Benzene-d6	5.10	84	54646	20.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.60%
33) 1,2-Dichloropropane-d6	6.12	67	16840	22.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.00%
37) Toluene-d8	7.36	98	48873	19.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.76%
38) trans-1,3-Dichloropropene-	7.67	79	5772	15.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.32%
39) 2-Hexanone-d5	8.14	63	3565	20.92	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	13552	17.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	20311	21.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.12%

Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.14	96	17131	24.093	ug/L 93
16) Methylene chloride	2.54	84	2694	3.082	ug/L 84
34) Benzene	5.15	78	65747	26.373	ug/L 100
35) Trichloroethene	5.96	95	18495	25.076	ug/L 99
44) Toluene	7.43	91	66824	23.778	ug/L 99
52) Chlorobenzene	8.93	112	44795	22.907	ug/L 99

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

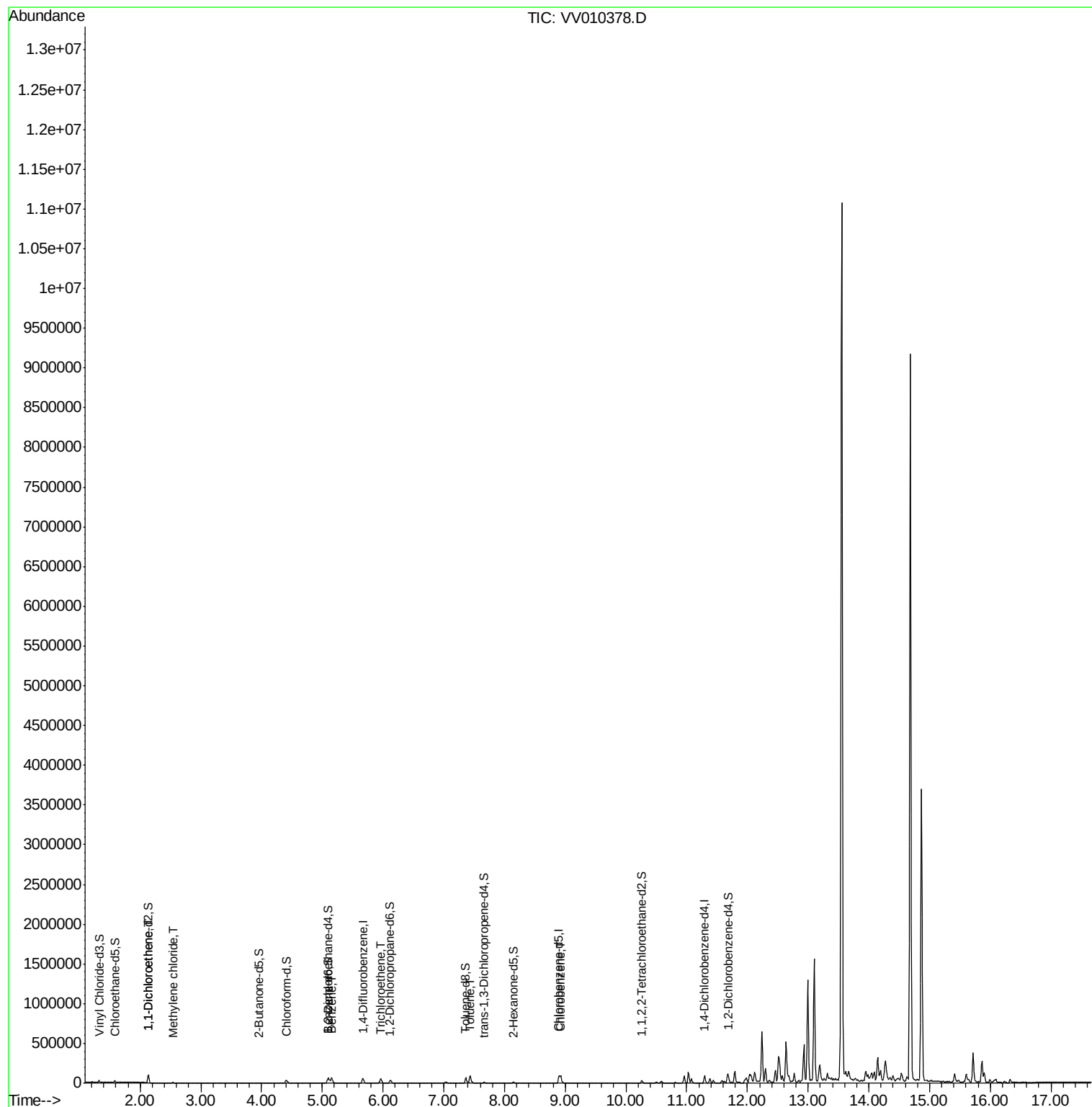
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV041819\
Data File : VV010378.D
Acq On : 19 Apr 2019 10:05
Operator : SY/MD
Sample : K2402-08MS
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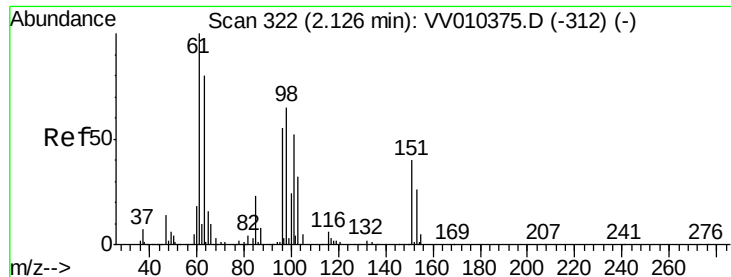
Instrument :
MSVOA_V
ClientSampleId :
GAHH9MS

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Quant Time: Apr 20 03:53:06 2019
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QLast Update : Sat Apr 20 02:27:31 2019
Response via : Initial Calibration





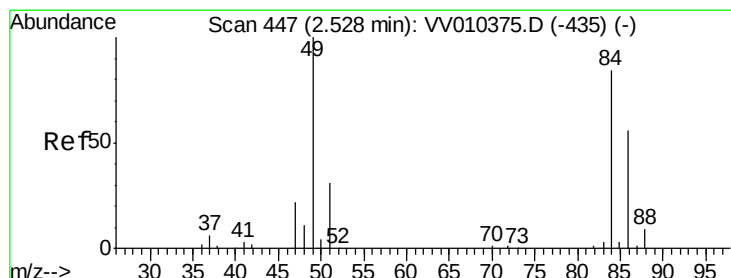
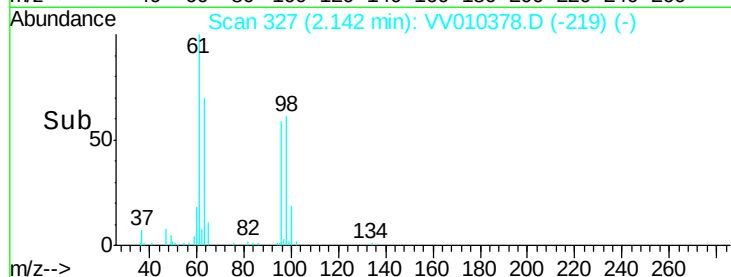
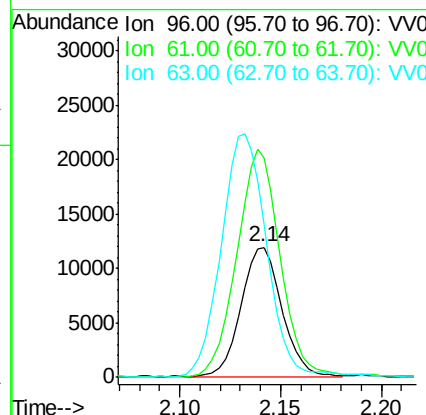
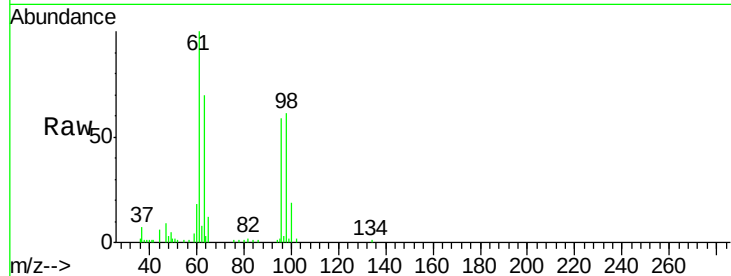
#12
 1,1-Dichloroethene
 Concen: 24.093 ug/L
 RT: 2.14 min Scan# 327
 Delta R.T. 0.02 min
 Lab File: VV010378.D
 Acq: 19 Apr 2019 10:05

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHH9MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	168.4	124.7	231.5
63	117.5	88.7	164.7

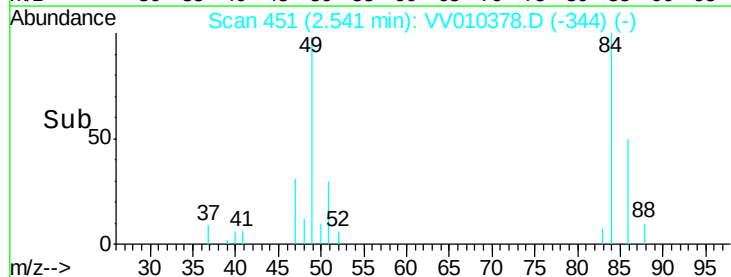
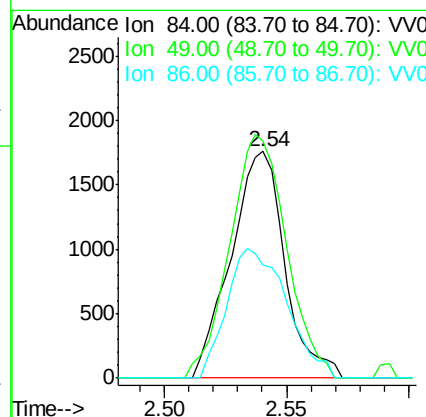
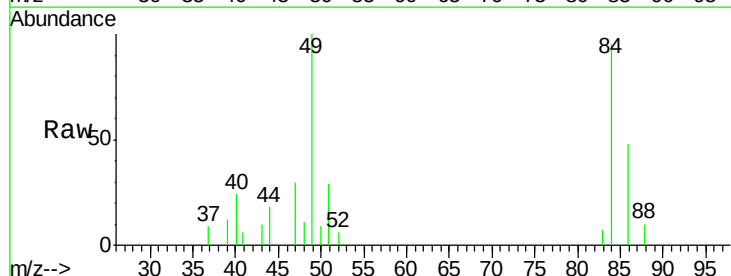
Manual Integrations
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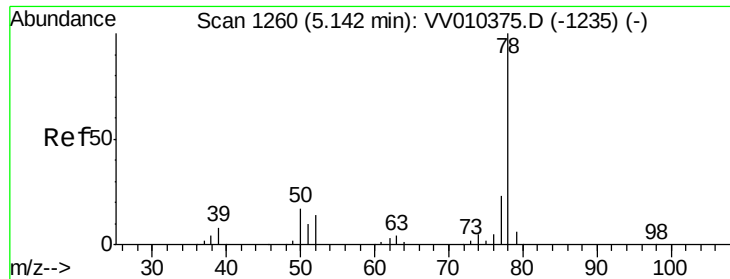
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 4/23/2019 6:53:49 AM



#16
 Methylene chloride
 Concen: 3.082 ug/L
 RT: 2.54 min Scan# 451
 Delta R.T. 0.01 min
 Lab File: VV010378.D
 Acq: 19 Apr 2019 10:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	104.9	83.8	155.6
86	50.1	46.1	85.5





#34

Benzene

Concen: 26.373 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. 0.01 min

Lab File: VV010378.D

Acq: 19 Apr 2019 10:05

Instrument :

MSVOA_V

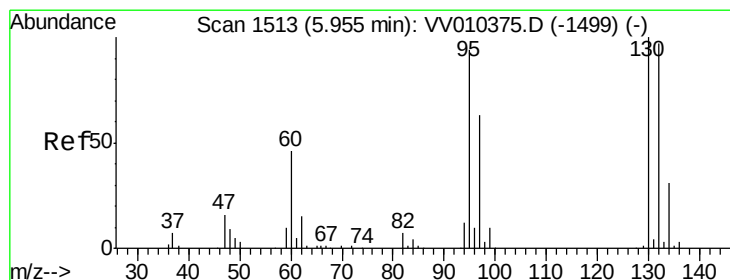
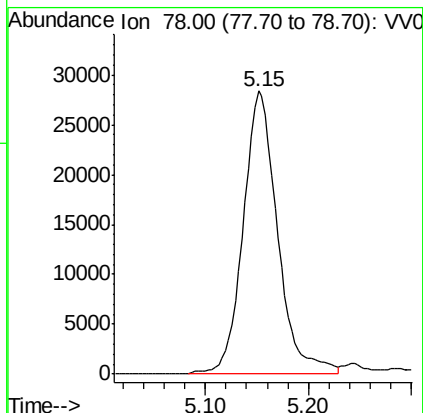
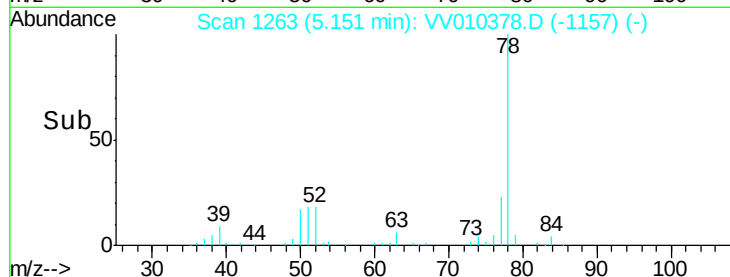
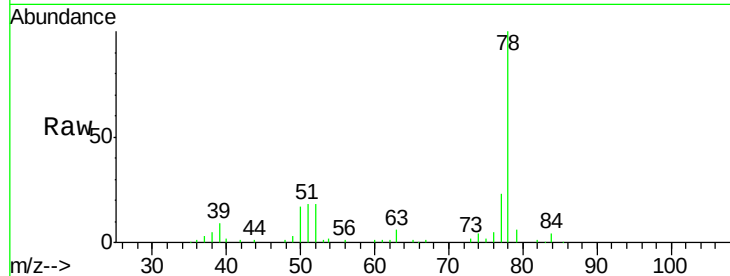
ClientSampleId :

GAHH9MS

Tgt Ion: 78 Resp: 65747

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4/23/2019 6:53:49 AM



#35

Trichloroethene

Concen: 25.076 ug/L

RT: 5.96 min Scan# 1515

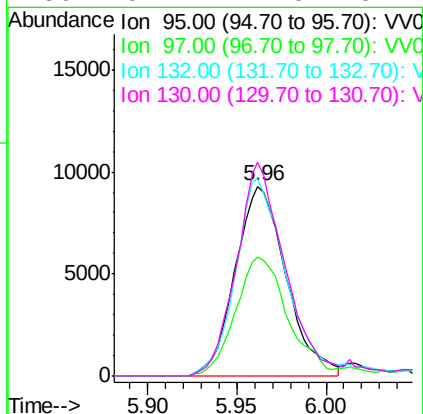
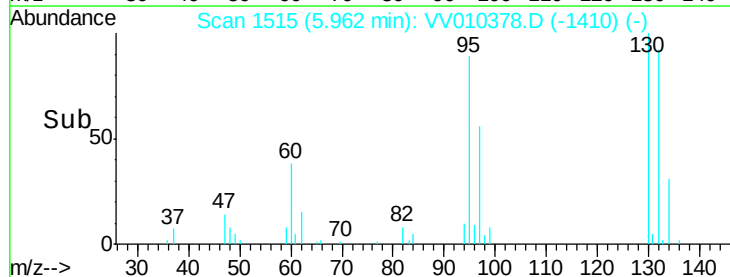
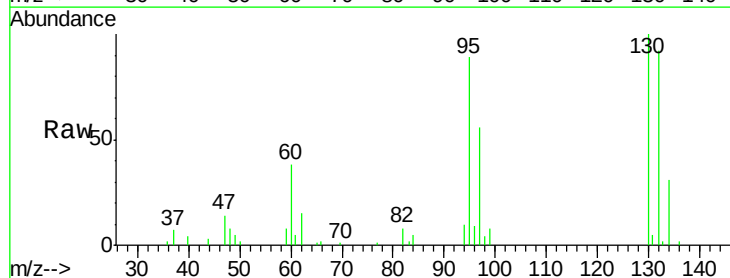
Delta R.T. 0.01 min

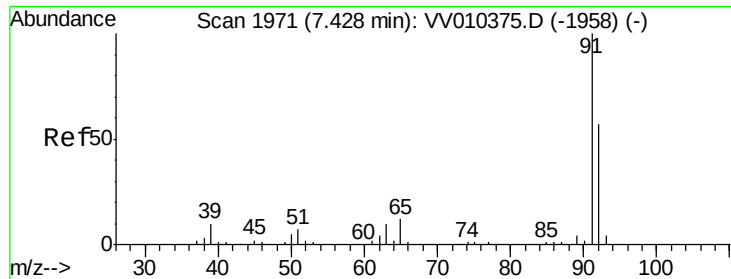
Lab File: VV010378.D

Acq: 19 Apr 2019 10:05

Tgt Ion: 95 Resp: 18495

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.6	84.8
132	102.6	71.5	132.7
130	107.1	74.0	137.4





#44

Toluene

Concen: 23.778 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV010378.D

Acq: 19 Apr 2019 10:05

Instrument :

MSVOA_V

ClientSampleId :

GAHH9MS

Tot Ion: 91 Resp: 66824

Ion Ratio Lower Upper

91 100

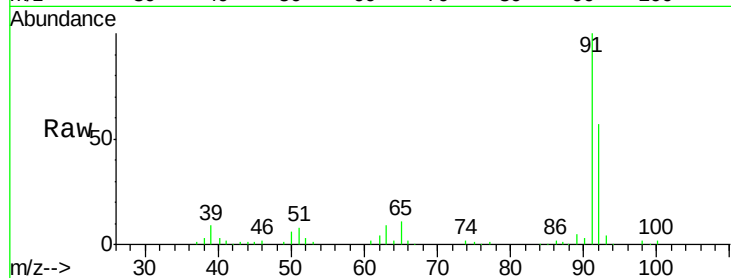
92 56.7 40.1 74.5

Manual Integrations

APPROVED

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Abundance Ion 91.00 (90.70 to 91.70): VV010375.D (-1958) (-)

Ion 92.00 (91.70 to 92.70): VV010375.D (-1958) (-)

7.43

40000

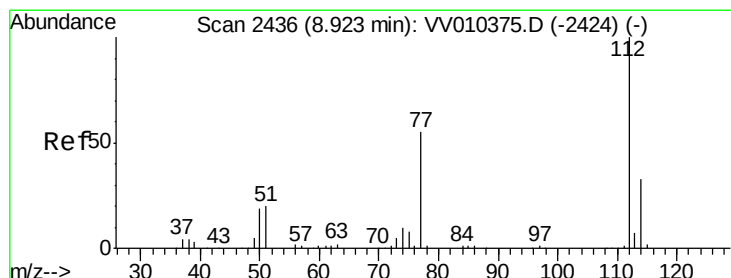
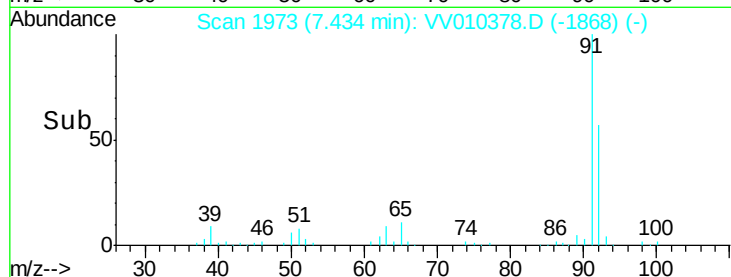
30000

20000

10000

0

Time-->



#52

Chlorobenzene

Concen: 22.907 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.01 min

Lab File: VV010378.D

Acq: 19 Apr 2019 10:05

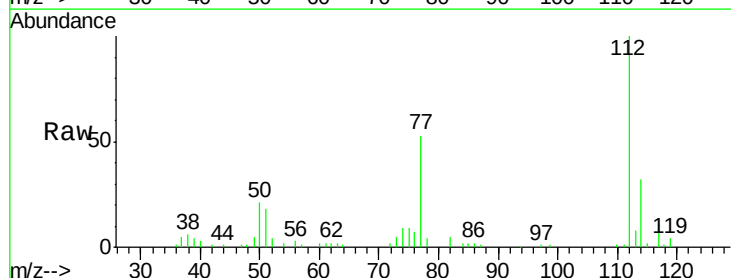
Tgt Ion: 112 Resp: 44795

Ion Ratio Lower Upper

112 100

77 53.3 43.0 64.4

114 32.0 22.5 41.9



Abundance Ion 112.00 (111.70 to 112.70): VV010375.D (-2424) (-)

Ion 77.00 (76.70 to 77.70): VV010375.D (-2424) (-)

Ion 114.00 (113.70 to 114.70): VV010375.D (-2424) (-)

8.93

30000

20000

10000

0

Time-->

