

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121319\
 Data File : VY000940.D
 Acq On : 13 Dec 2019 11:53
 Operator : SY/MD
 Sample : K4649-02MS
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A5167MS

Manual Integrations
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 12/17/2019 2:47:37 PM

Quant Time: Dec 14 06:11:47 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL110519SMA.M

Quant Title : VOC Analysis

QLast Update : Tue Nov 12 09:49:35 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	456266	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	413329	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	194513	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	127029	18.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.08%
7) Chloroethane-d5	2.75	69	124080	20.49	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.96%
11) 1,1-Dichloroethene-d2	3.86	63	617902	51.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	204.92%#
21) 2-Butanone-d5	6.90	46	174820	57.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.56%
24) Chloroform-d	7.49	84	270632	22.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	8.15	65	158215	22.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.16%
32) Benzene-d6	8.11	84	599536	25.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.32%
36) 1,2-Dichloropropane-d6	9.12	67	196661	27.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.00%
41) Toluene-d8	10.17	98	536014	24.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.48%
43) trans-1,3-Dichloropropene-	10.44	79	85590	23.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.12%
47) 2-Hexanone-d5	10.78	63	139505	61.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.38%
56) 1,1,2,2-Tetrachloroethane-	12.55	84	197097	24.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.96%
66) 1,2-Dichlorobenzene-d4	13.72	152	183290	24.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.52%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	3.87	96	822326	135.684	ug/L # 75
13) Acetone	3.96	43	7125	2.447	ug/L 92
16) Methylene chloride	4.72	84	8165m	1.098	ug/L
33) Benzene	8.17	78	3927246	144.670	ug/L 100
34) Trichloroethene	8.94	95	944333	131.818	ug/L 96
42) Toluene	10.24	91	4126844	142.354	ug/L 100
51) Chlorobenzene	11.51	112	2614457	141.191	ug/L 98

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

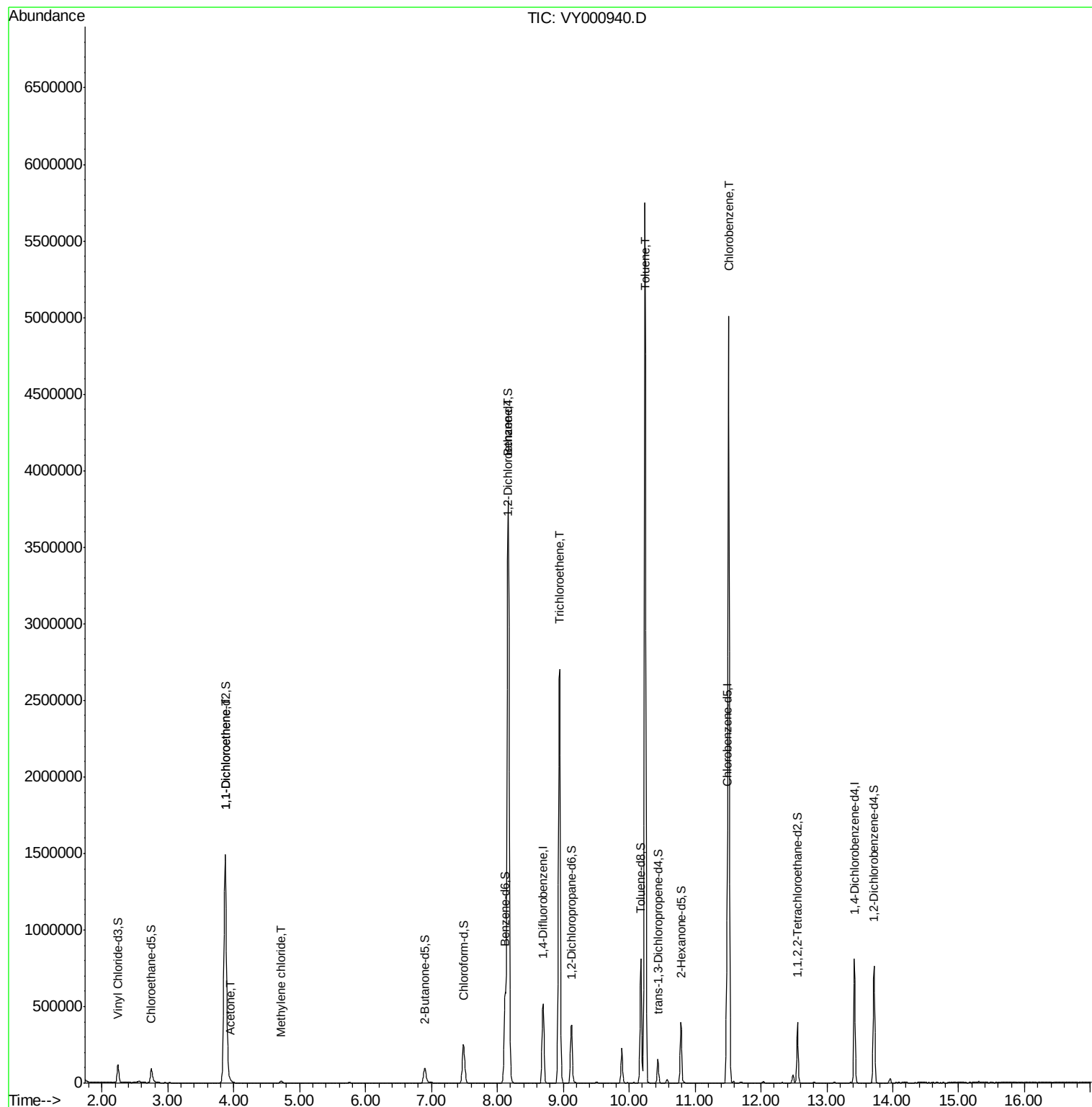
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121319\
Data File : VY000940.D
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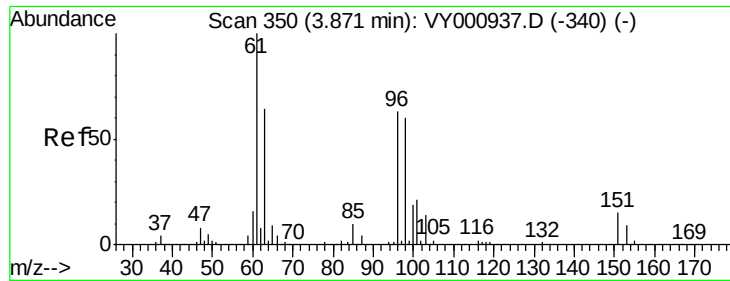
Instrument :
MSVOA_Y
ClientSampleId :
A5167MS

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Quant Time: Dec 14 06:11:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL110519SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 12 09:49:35 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 135.684 ug/L

RT: 3.87 min Scan# 350

Delta R.T. -0.01 min

Lab File: VY000940.D

Acq: 13 Dec 2019 11:53

Instrument :

MSVOA_Y

ClientSampleId :

A5167MS

Tot Ion: 96 Resp: 822326

Ion Ratio Lower Upper

96 100

61 154.5 118.6 220.2

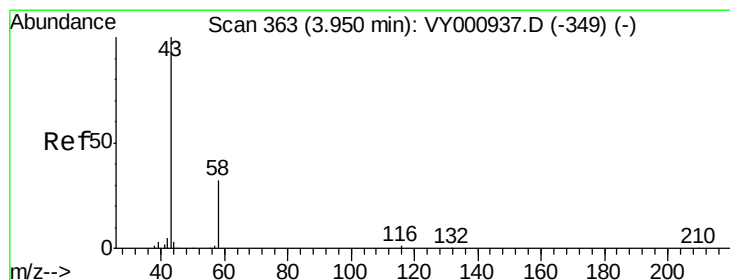
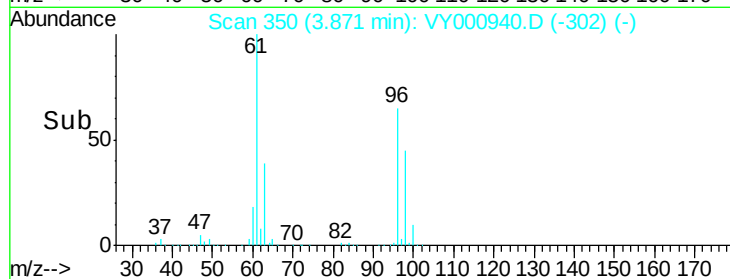
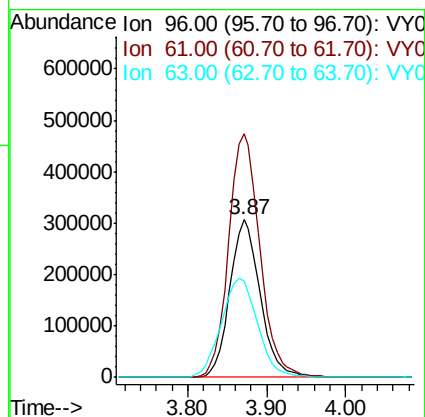
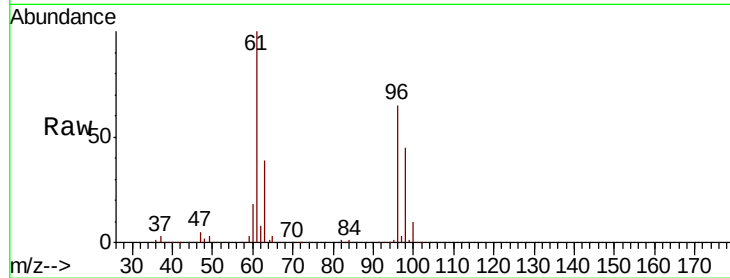
63 60.9 77.8 144.6#

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#13

Acetone

Concen: 2.447 ug/L

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000940.D

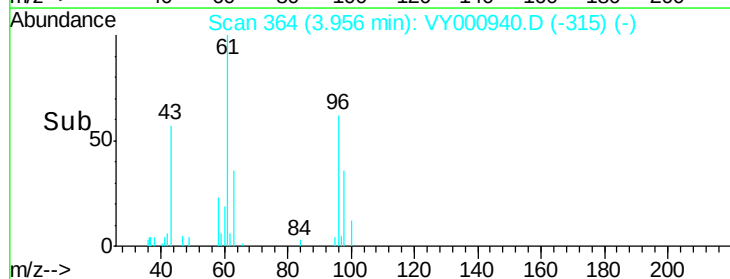
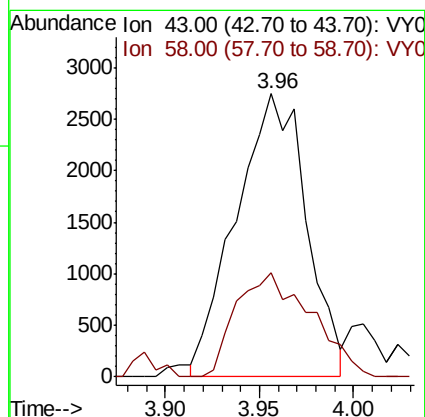
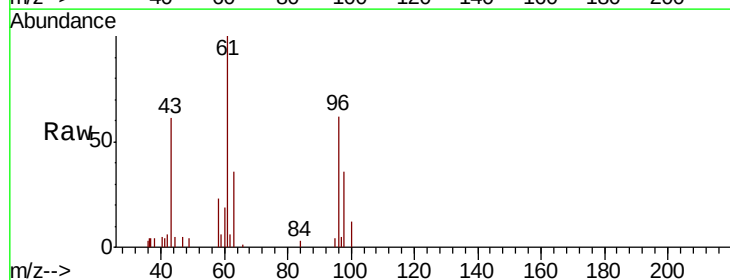
Acq: 13 Dec 2019 11:53

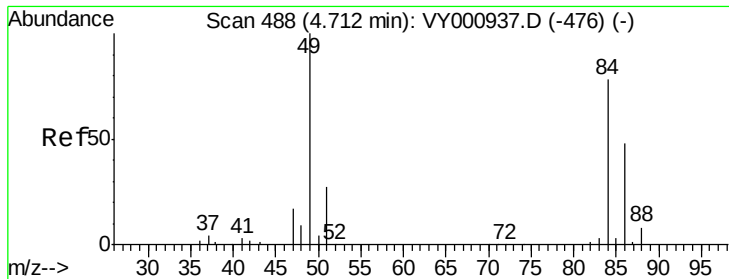
Tgt Ion: 43 Resp: 7125

Ion Ratio Lower Upper

43 100

58 39.2 0.0 69.6





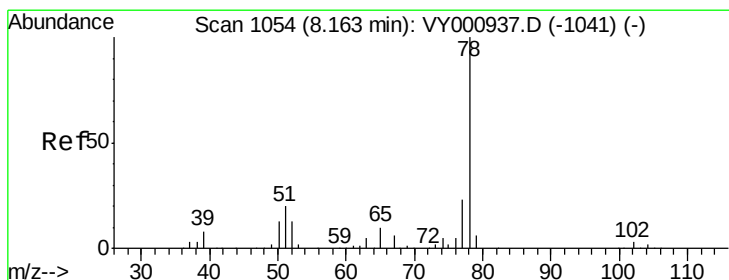
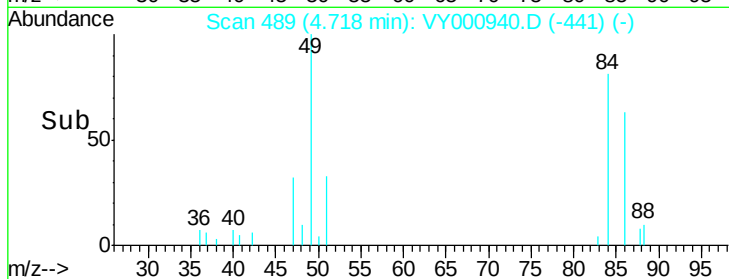
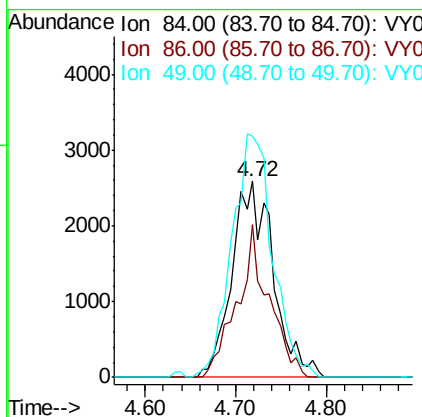
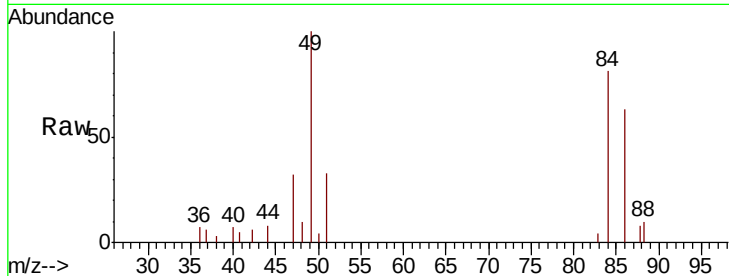
#16
Methvlene chloride
Concen: 1.098 ug/L m
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000940.D
Acq: 13 Dec 2019 11:53

Instrument :
MSVOA_Y
ClientSampleId :
A5167MS

Tot Ion: 84 Resp: 8165
Ion Ratio Lower Upper
84 100
86 77.8 43.4 80.6
49 123.4 92.3 171.3

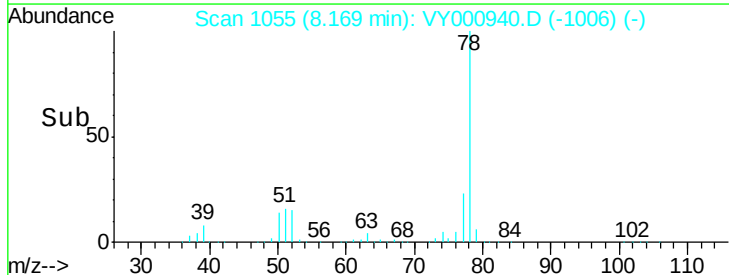
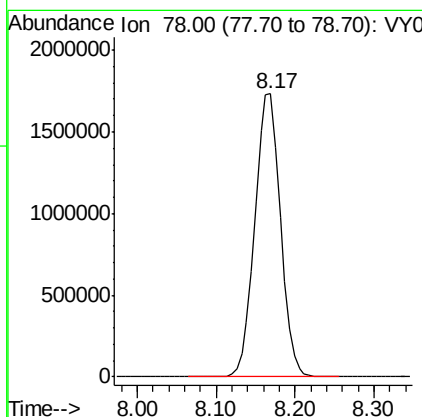
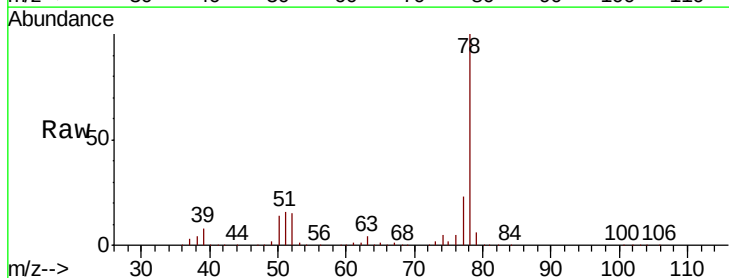
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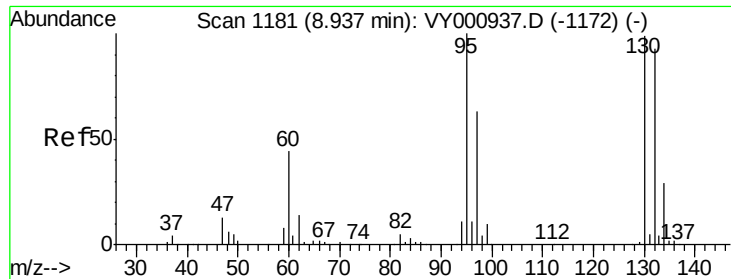
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#33
Benzene
Concen: 144.670 ug/L
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000940.D
Acq: 13 Dec 2019 11:53

Tgt Ion: 78 Resp: 3927246





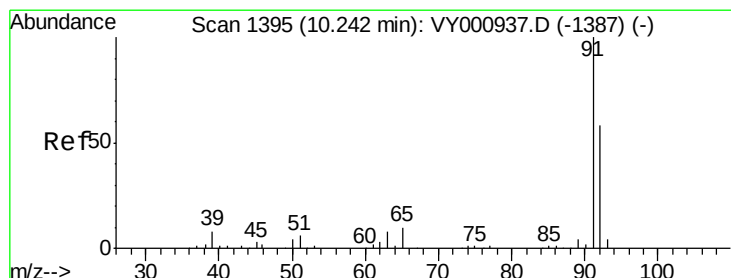
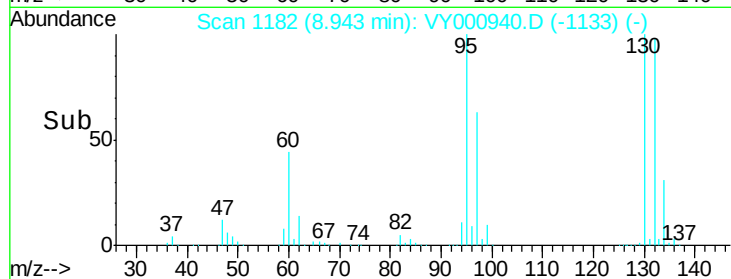
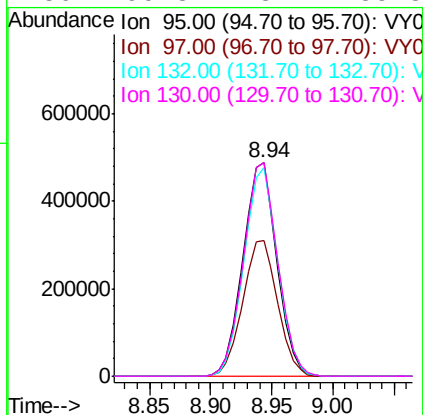
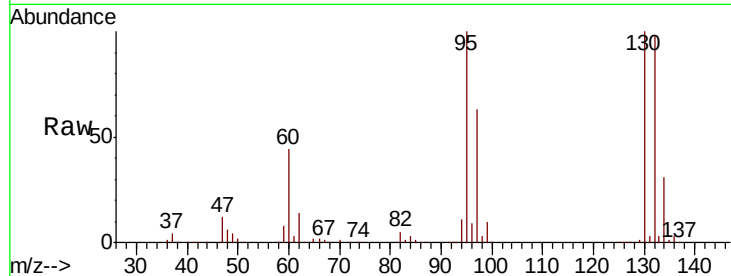
#34
 Trichloroethene
 Concen: 131.818 ug/L
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY000940.D
 Acq: 13 Dec 2019 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 A5167MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		944333		
97	63.4	41.4	76.8		
132	97.5	69.7	129.4		
130	99.8	73.1	135.8		

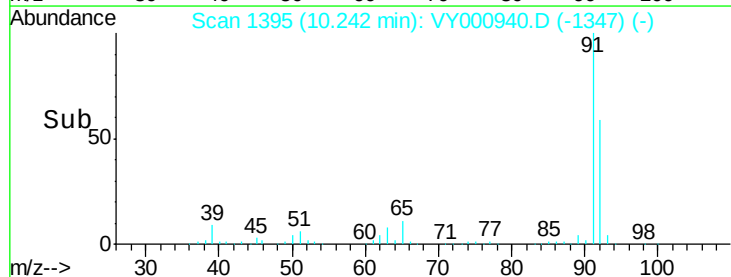
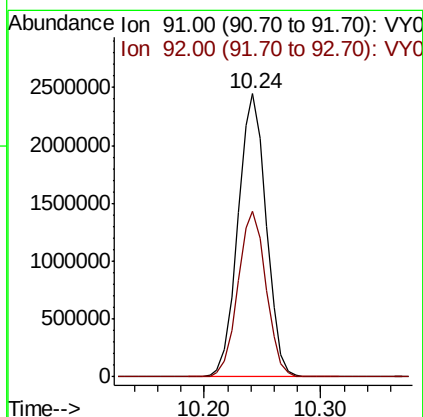
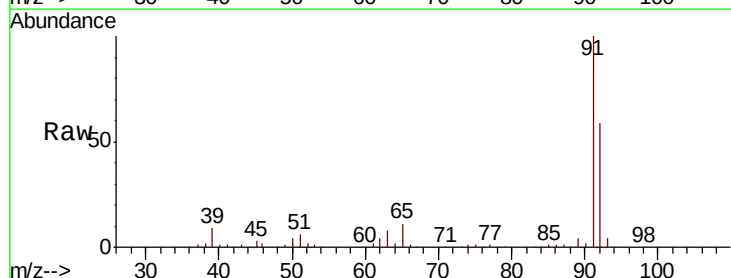
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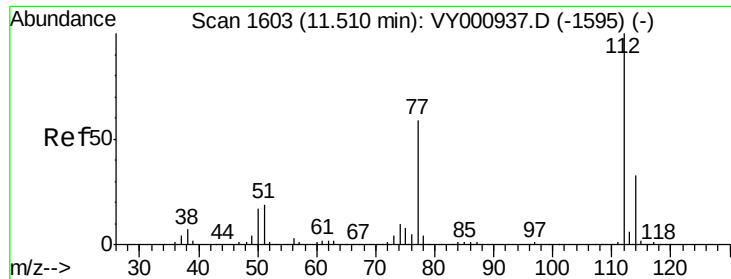
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#42
 Toluene
 Concen: 142.354 ug/L
 RT: 10.24 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: VY000940.D
 Acq: 13 Dec 2019 11:53

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
92	58.7	41.2	76.6	





#51
 Chlorobenzene
 Concen: 141.191 ug/L
 RT: 11.51 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: VY000940.D
 Acq: 13 Dec 2019 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 A5167MS

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.1	41.1
77	58.7	45.3	67.9

Manual Integrations
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