

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
 Data File : VV013432.D
 Acq On : 30 Oct 2019 14:38
 Operator : SY/MD
 Sample : K5597-06
 Misc : 25.0ML/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQD7

Manual Integrations
 APPROVED

MMDadoda
 10/31/2019 11:07:10 AM

Quant Time: Oct 31 04:47:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 31 02:41:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	351831	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	365166	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	212599	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	131645	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.58	69	114542	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.13	63	171428	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	3.96	46	404158	53.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.18%
24) Chloroform-d	4.40	84	290309	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.08	65	157164	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.10	84	597336	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.12	67	196821	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	490133	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	7.66	79	64269	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.13	63	247186	52.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	132851	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	208647	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

					Qvalue
13) Acetone	2.21	43	9446m	2.540	ug/L
14) Carbon disulfide	2.32	76	19236	0.236	ug/L # 94
22) cis-1,2-Dichloroethene	3.96	96	12773	0.353	ug/L # 98
30) Cyclohexane	4.72	56	34944	0.615	ug/L 97
33) Benzene	5.14	78	325329	2.384	ug/L 100
34) Trichloroethene	5.96	95	30897	0.825	ug/L 95
35) Methylcyclohexane	6.17	83	37962	0.679	ug/L 90
42) Toluene	7.43	91	30888	0.217	ug/L 95
47) Tetrachloroethene	8.02	164	363874	11.465	ug/L 98
52) Ethylbenzene	9.05	91	27757	0.184	ug/L 95
53) m,p-xylene	9.18	106	17952	0.322	ug/L 95
54) o-xylene	9.59	106	5530	0.103	ug/L 84
56) Isopropylbenzene	9.97	105	23267	0.160	ug/L 98

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

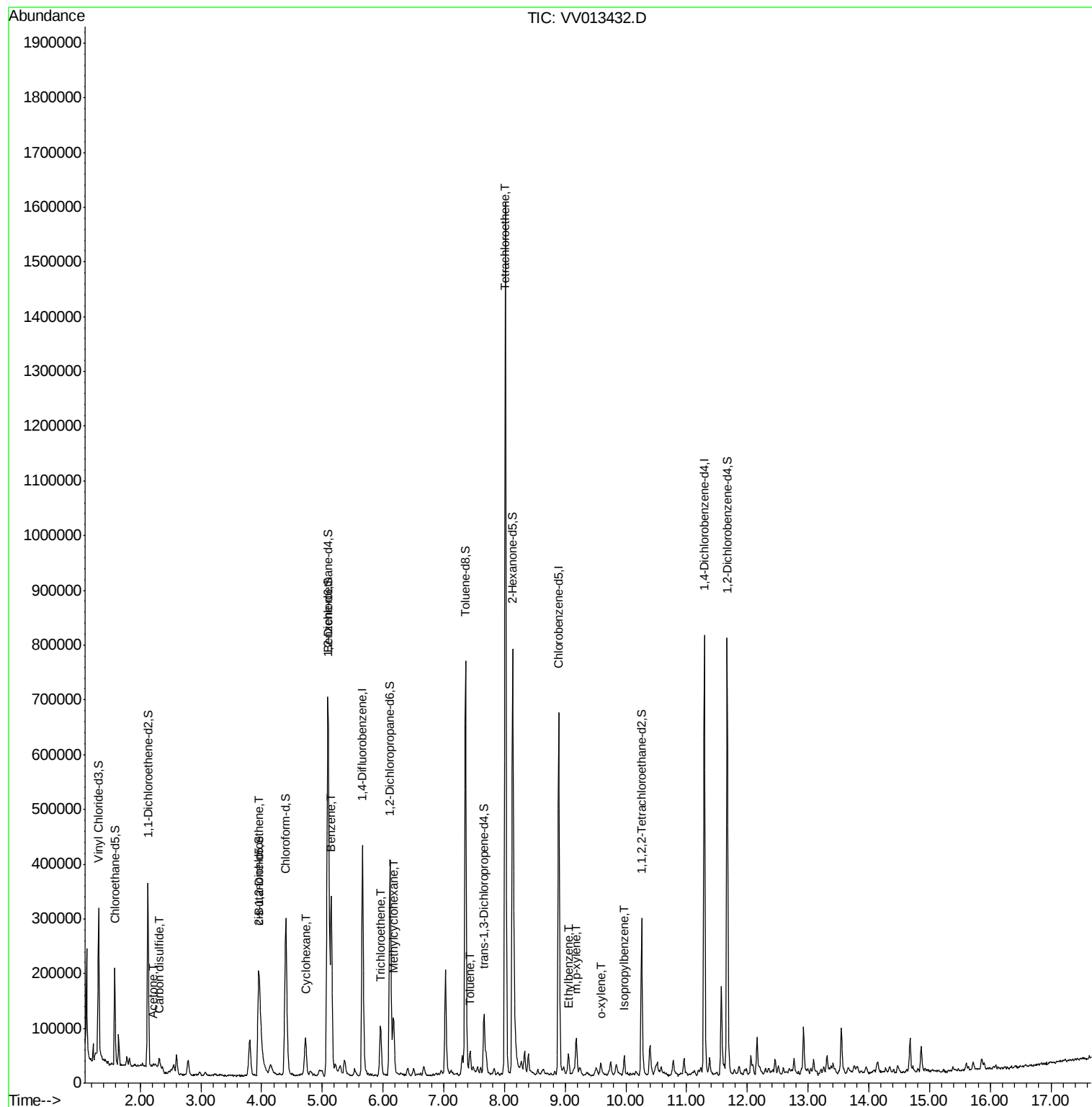
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
Data File : VV013432.D
Acq On : 30 Oct 2019 14:38
Operator : SY/MD
Sample : K5597-06
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

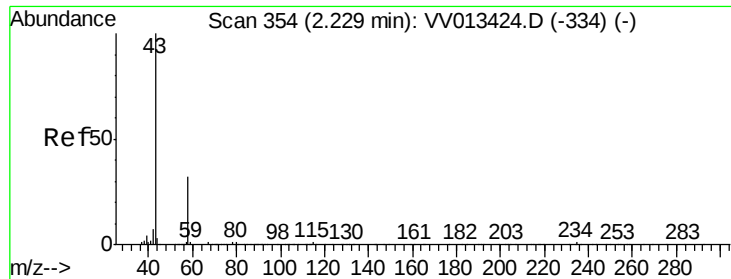
Instrument :
MSVOA_V
ClientSampleId :
GAQD7

Manual Integrations
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Quant Time: Oct 31 04:47:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 31 02:41:56 2019
Response via : Initial Calibration





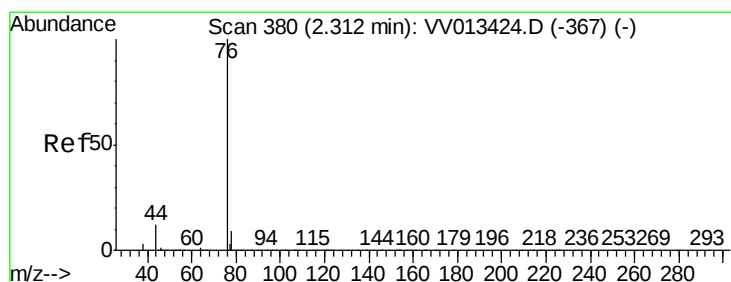
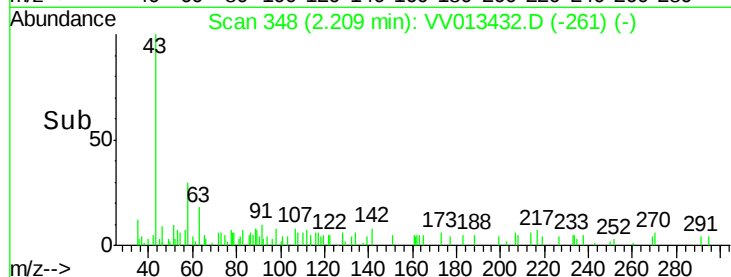
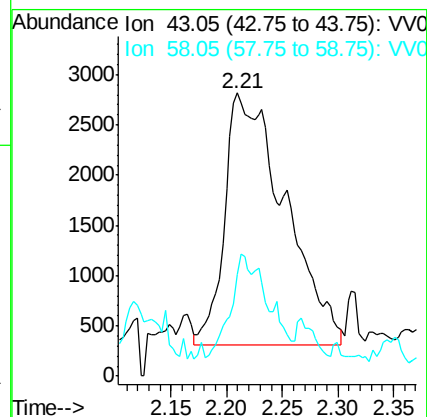
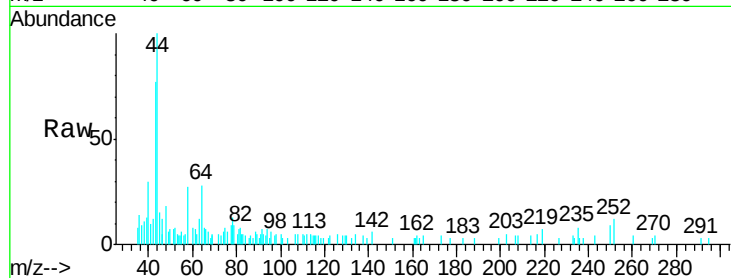
#13
Acetone
Concen: 2.540 ug/L m
RT: 2.21 min Scan# 348
Delta R.T. -0.02 min
Lab File: VV013432.D
Acq: 30 Oct 2019 14:38

Instrument :
MSVOA_V
ClientSampleId :
GAQD7

Tgt Ion: 43 Resp: 9446
Ion Ratio Lower Upper
43 100
58 12.9 0.0 59.0

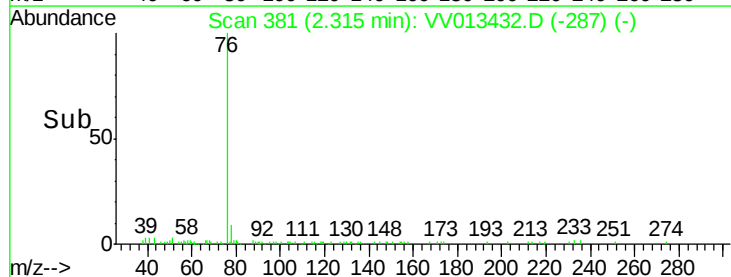
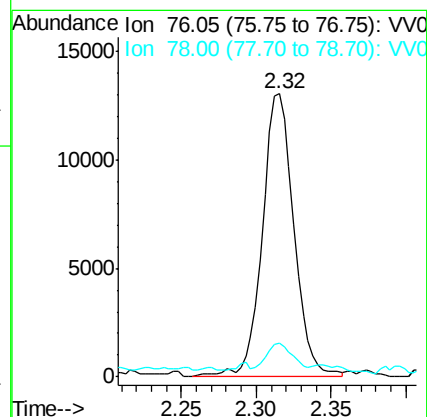
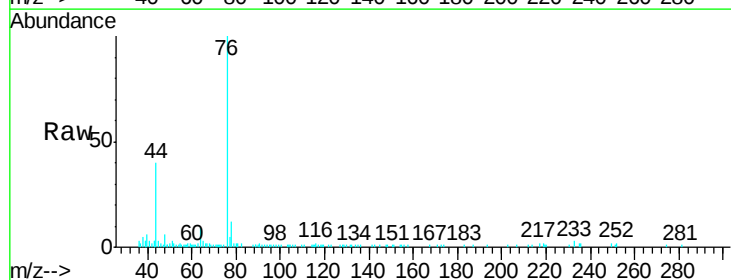
Manual Integrations
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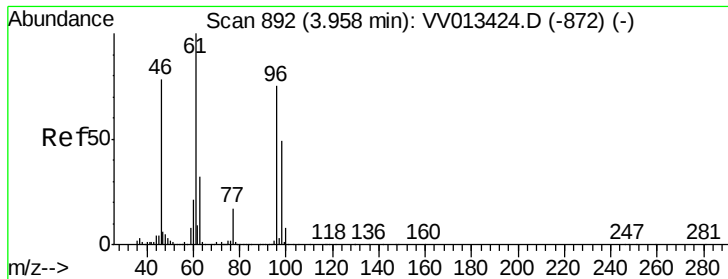
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#14
Carbon disulfide
Concen: 0.236 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV013432.D
Acq: 30 Oct 2019 14:38

Tgt Ion: 76 Resp: 19236
Ion Ratio Lower Upper
76 100
78 11.7 7.5 11.3#





#22

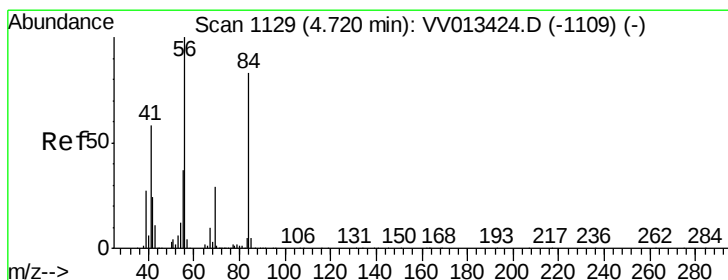
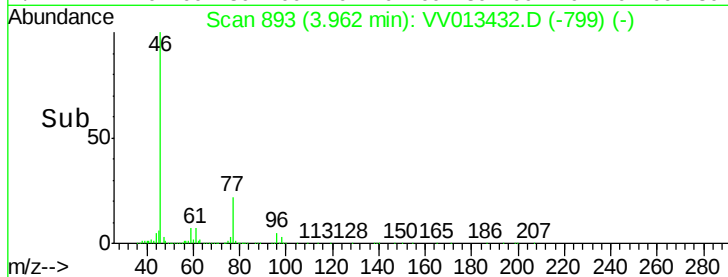
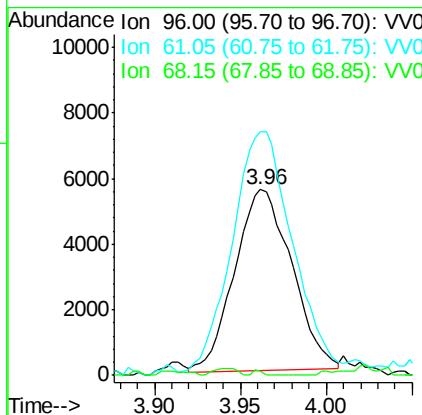
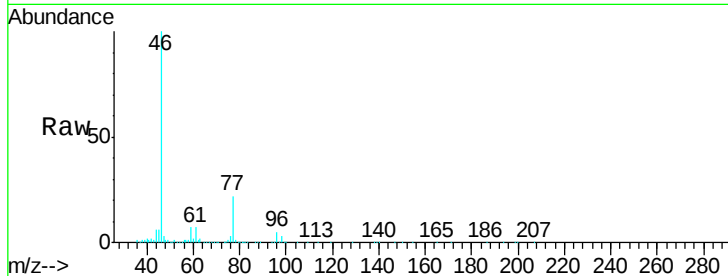
cis-1,2-Dichloroethene
 Concen: 0.353 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV013432.D
 Acq: 30 Oct 2019 14:38

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQD7

Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.1	89.9	167.0
68	2.3	0.1	0.3

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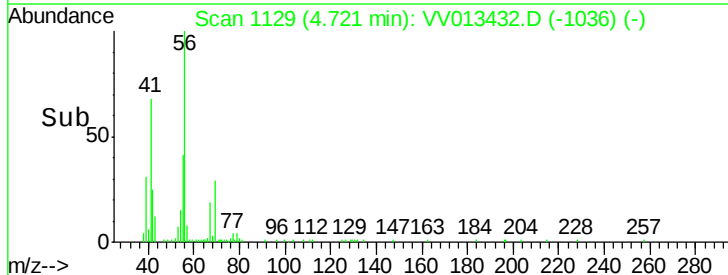
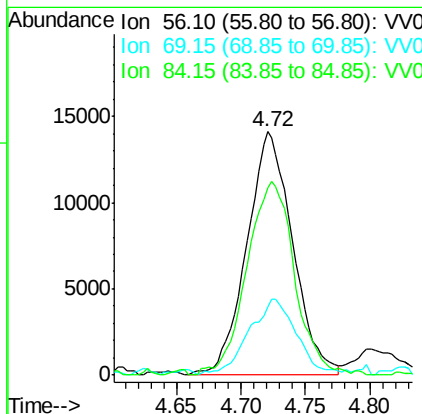
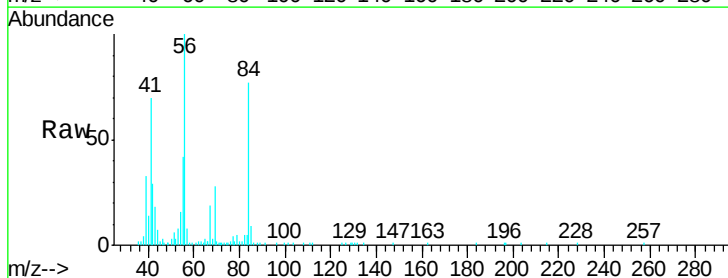
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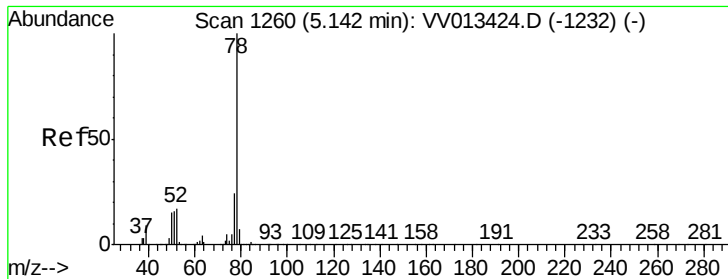


#30

Cyclohexane
 Concen: 0.615 ug/L
 RT: 4.72 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: VV013432.D
 Acq: 30 Oct 2019 14:38

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.4	22.7	34.1
84	82.7	65.5	98.3





#33

Benzene

Concen: 2.384 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VV013432.D

Acq: 30 Oct 2019 14:38

Instrument :

MSVOA_V

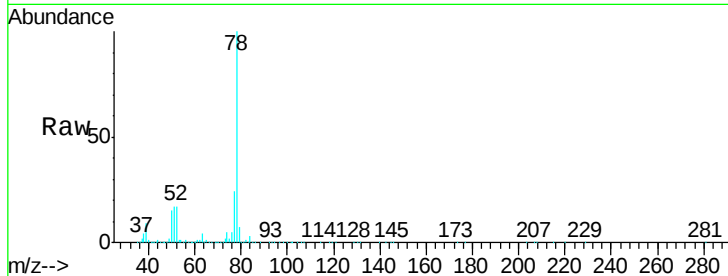
ClientSampleId :

GAQD7

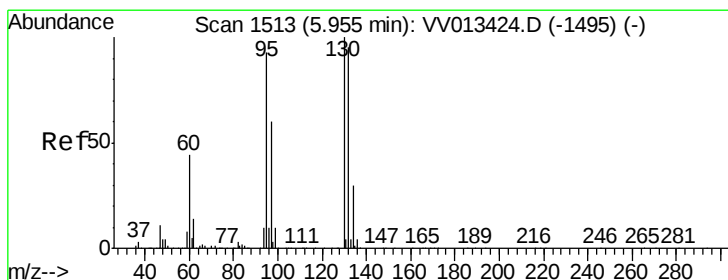
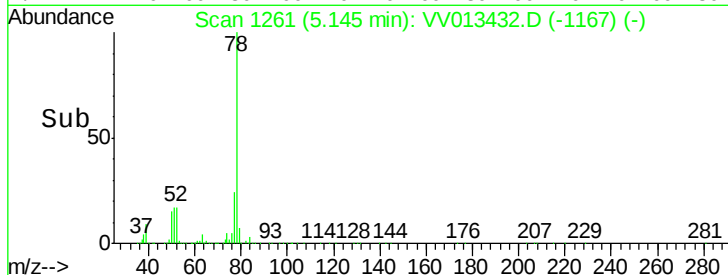
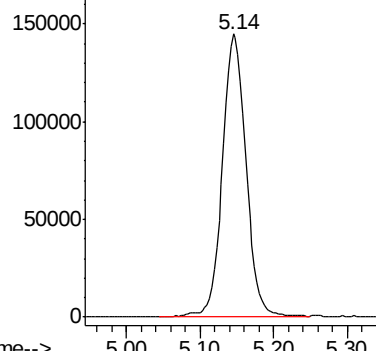
Tgt Ion: 78 Resp: 325329

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Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 0.825 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV013432.D

Acq: 30 Oct 2019 14:38

Tgt Ion: 95 Resp: 30897

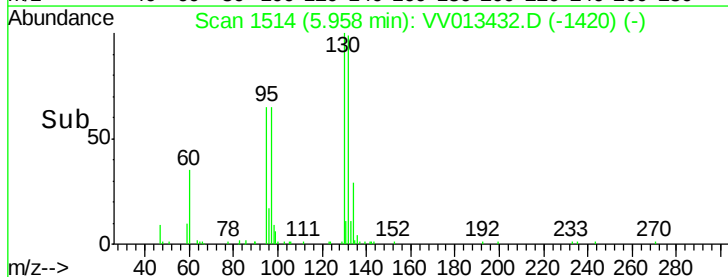
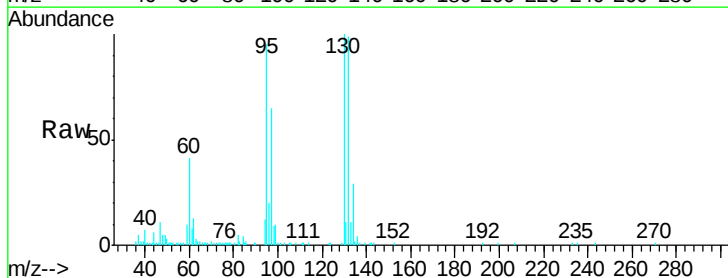
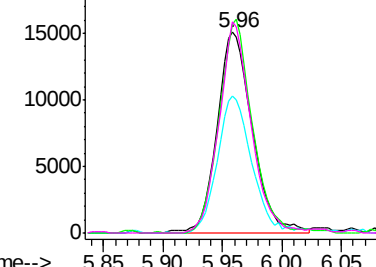
Ion	Ratio	Lower	Upper
95	100		
97	67.9	43.9	81.5
132	104.1	68.7	127.7
130	105.0	72.1	133.9

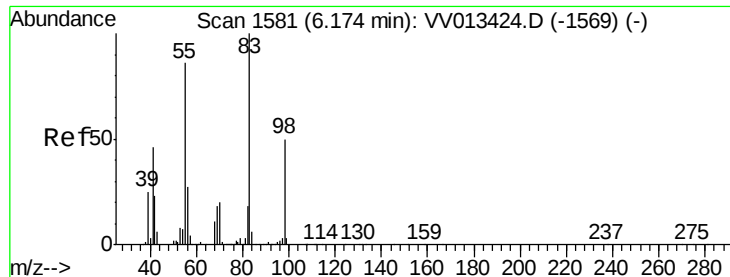
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





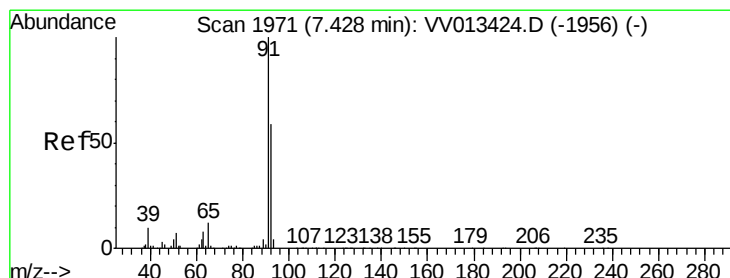
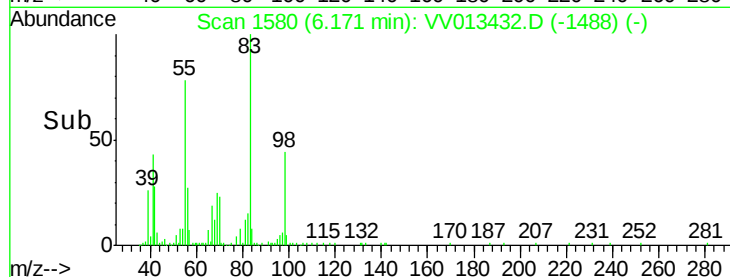
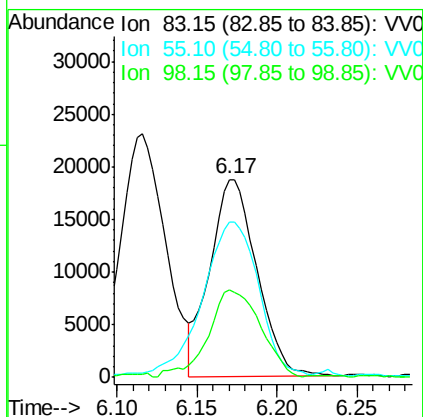
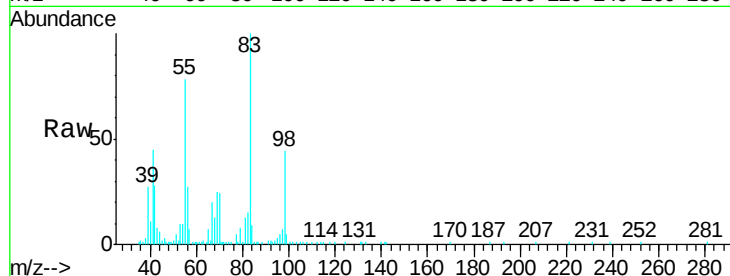
#35
Methylcyclohexane
Concen: 0.679 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VV013432.D
Acq: 30 Oct 2019 14:38

Instrument :
MSVOA_V
ClientSampleId :
GAQD7

Tgt Ion	Ratio	Lower	Upper
83	100		
55	95.9	66.0	99.0
98	49.1	38.2	57.4

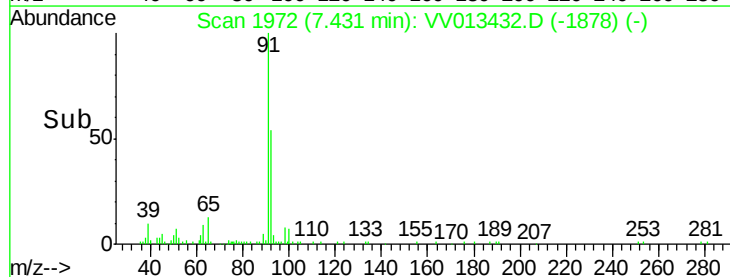
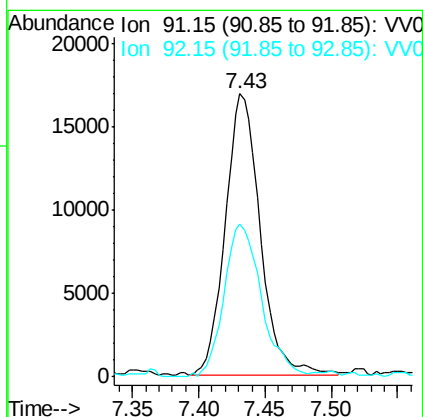
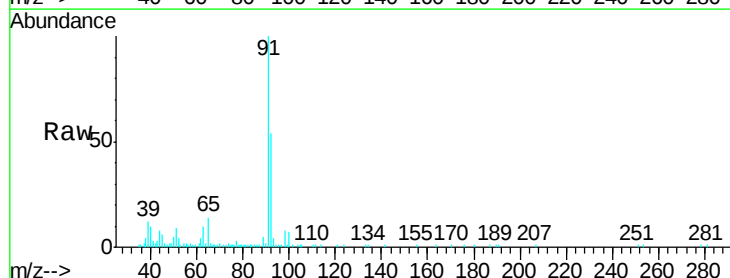
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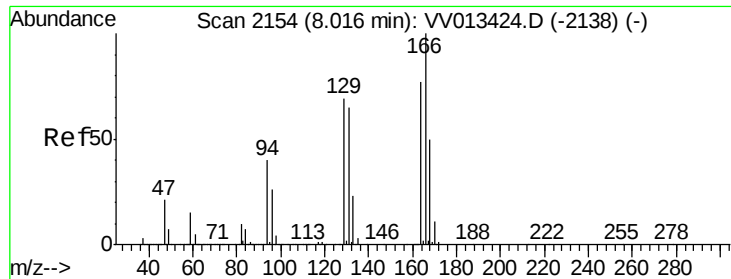
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#42
Toluene
Concen: 0.217 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV013432.D
Acq: 30 Oct 2019 14:38

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.8	40.3	74.8





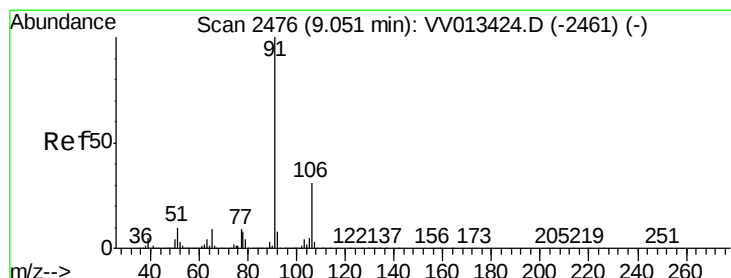
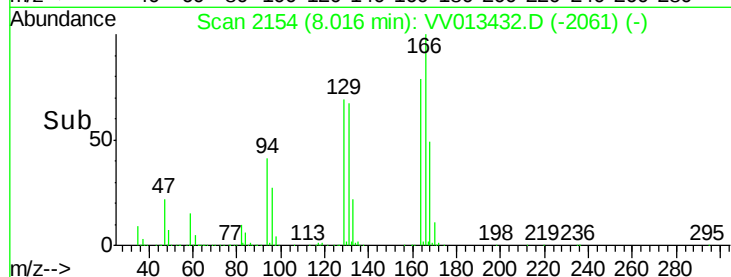
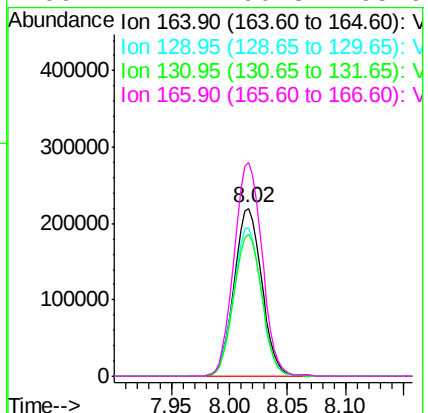
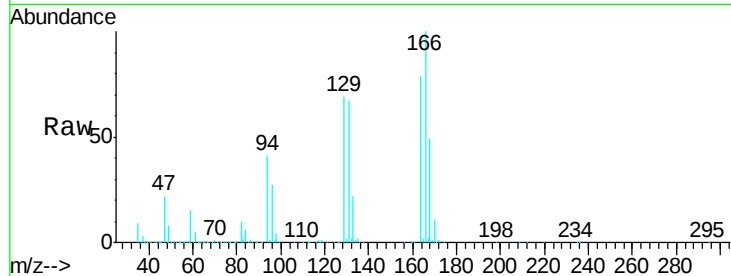
#47
Tetrachloroethene
Concen: 11.465 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013432.D
Acq: 30 Oct 2019 14:38

Instrument :
MSVOA_V
ClientSampleId :
GAQD7

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	363874		
129	88.1	63.4	117.8	
131	84.9	60.3	112.1	
166	127.1	90.8	168.6	

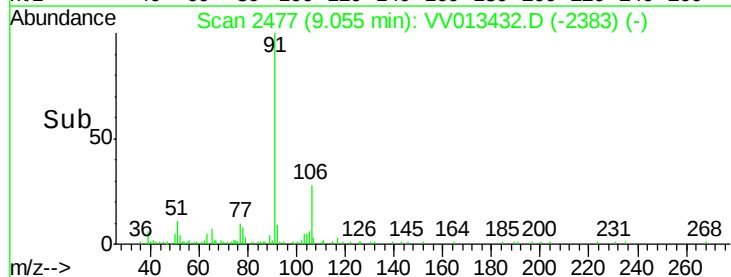
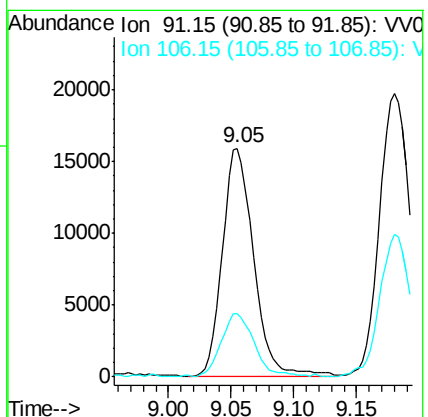
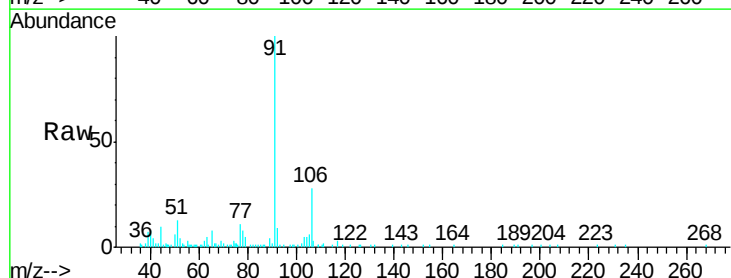
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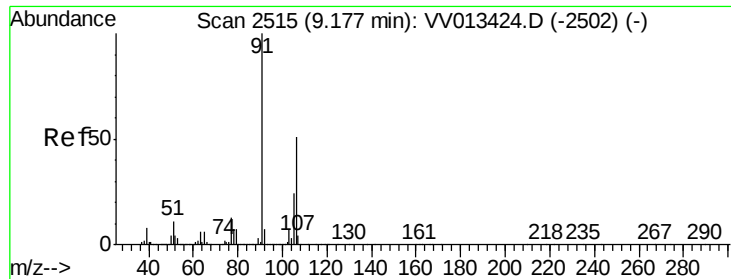
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#52
Ethylbenzene
Concen: 0.184 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV013432.D
Acq: 30 Oct 2019 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	27757		
106	27.8	21.5	39.9	





#53

m,p-xylene

Concen: 0.322 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV013432.D

Acq: 30 Oct 2019 14:38

Instrument :

MSVOA_V

ClientSampled :

GAQD7

Tgt Ion:106 Resp: 17952

Ion Ratio Lower Upper

106 100

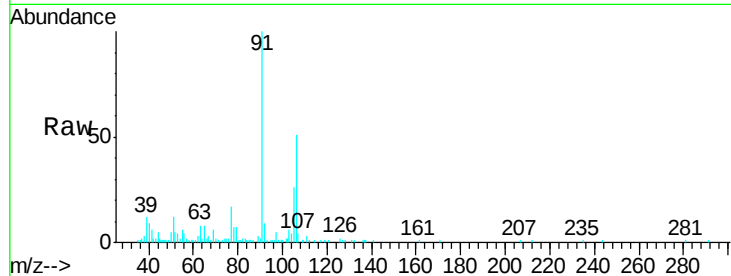
91 197.9 144.3 267.9

Manual Integrations

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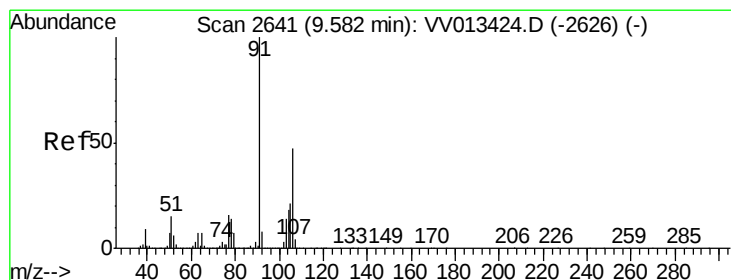
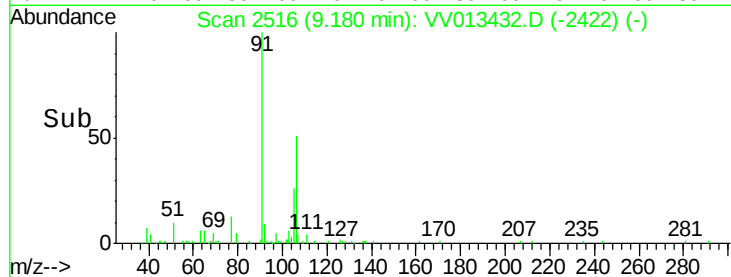
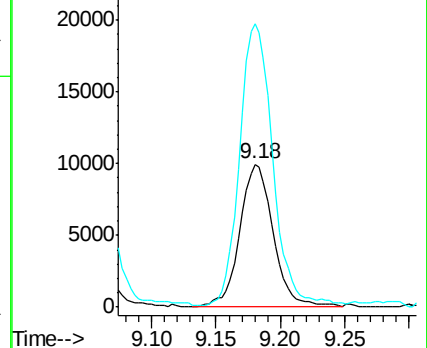
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Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.103 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV013432.D

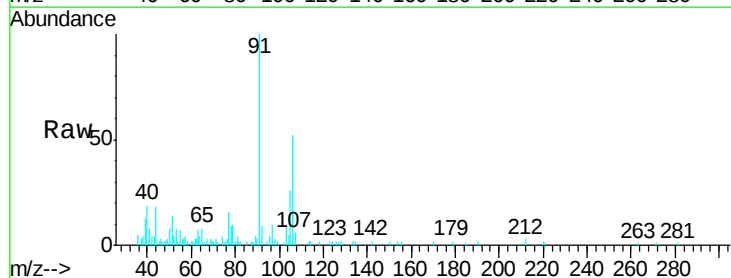
Acq: 30 Oct 2019 14:38

Tgt Ion:106 Resp: 5530

Ion Ratio Lower Upper

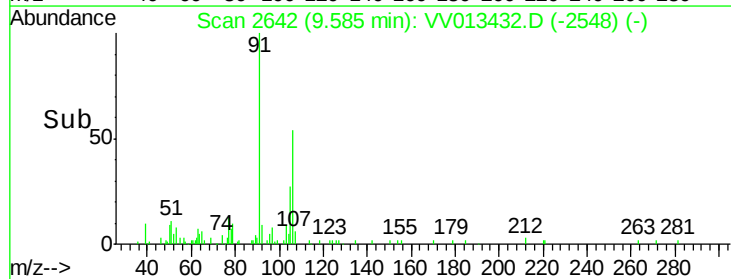
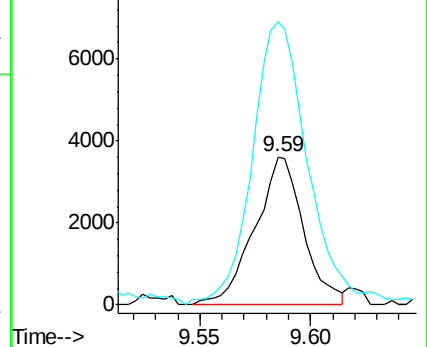
106 100

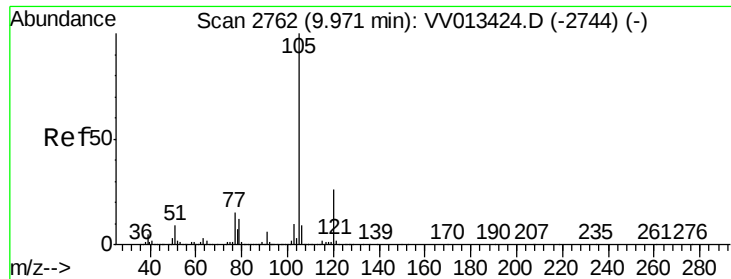
91 191.6 151.5 281.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#56
Isopropylbenzene
Concen: 0.160 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. 0.00 min
Lab File: VV013432.D
Acq: 30 Oct 2019 14:38

Instrument :
MSVOA_V
ClientSampleId :
GAQD7

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
120	27.2	21.0	31.6
77	17.1	12.9	19.3

Manual Integrations
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