

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102919\
 Data File : VV013412.D
 Acq On : 29 Oct 2019 22:42
 Operator : SY/MD
 Sample : K5597-13
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQE2

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 9:25:19 AM

Quant Time: Oct 30 08:33:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 30 02:50:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	358753	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	375096	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	196162	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	146941	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.58	69	126145	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.13	63	194034	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.96	46	407762	52.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.06%
24) Chloroform-d	4.40	84	318430	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.08	65	168240	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.10	84	649417	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.12	67	205515	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.36	98	552384	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.66	79	68509	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.14	63	242553	50.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	138011	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	208269	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

				Ovalue
13) Acetone	2.24	43	7896m	2.082 ug/L
14) Carbon disulfide	2.32	76	13299	0.160 ug/L # 88
33) Benzene	5.14	78	49445	0.353 ug/L 100
34) Trichloroethene	5.96	95	5521	0.143 ug/L 98
42) Toluene	7.43	91	15879	0.109 ug/L 98
47) Tetrachloroethene	8.02	164	74599	2.288 ug/L 98

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

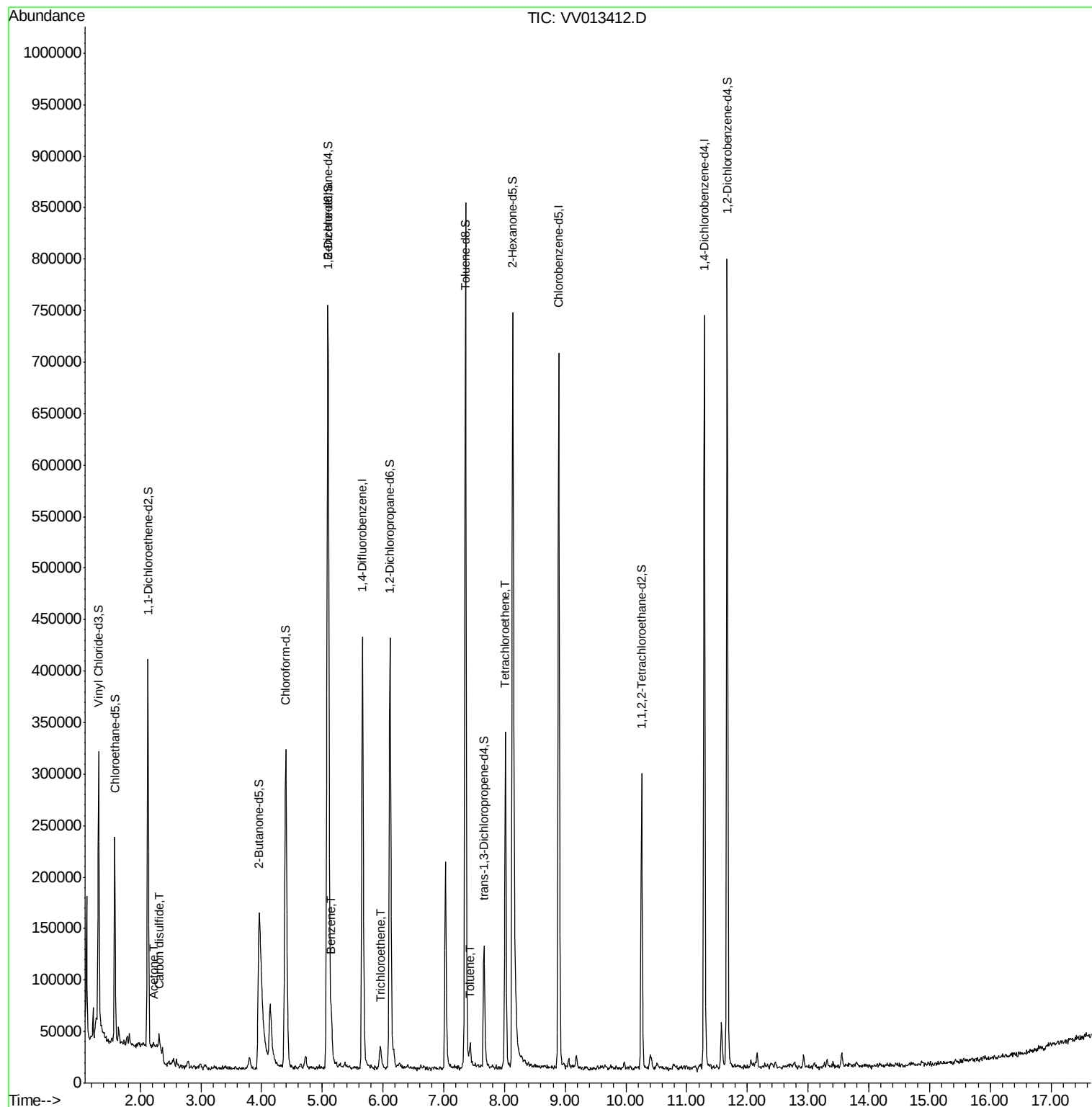
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV102919\
Data File : VV013412.D
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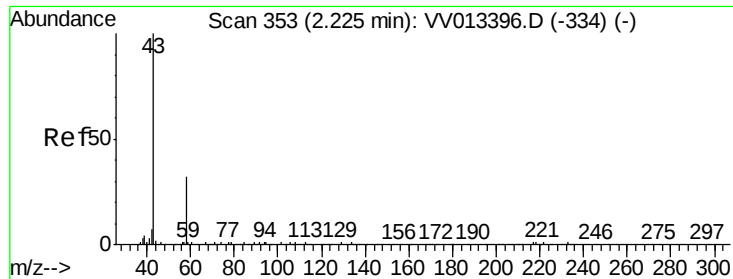
Instrument :
MSVOA_V
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GAQE2

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 30 02:50:47 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.082 ug/L m

RT: 2.24 min Scan# 356

Delta R.T. 0.01 min

Lab File: VV013412.D

Acq: 29 Oct 2019 22:42

Instrument :

MSVOA_V

ClientSampleId :

GAQE2

Tot Ion: 43 Resp: 7896

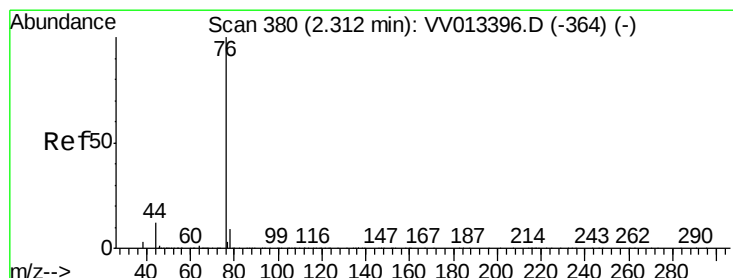
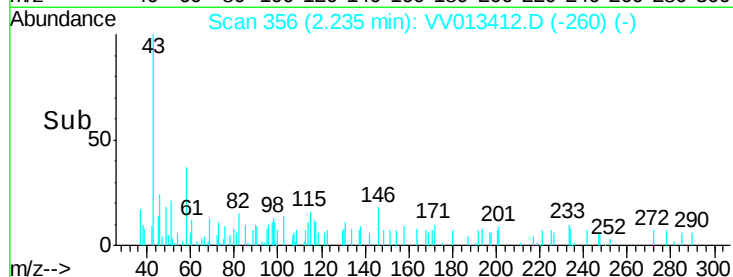
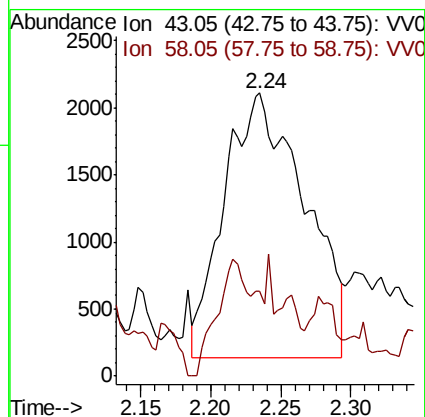
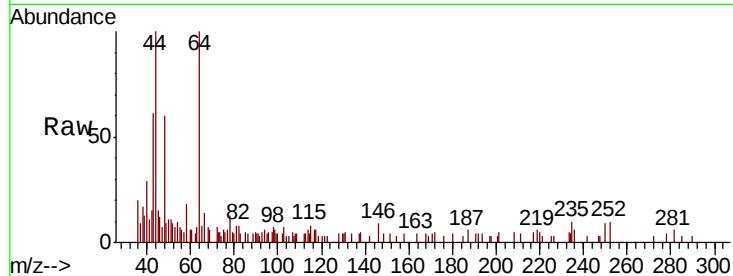
Ion Ratio Lower Upper

43 100

58 2.1 0.0 59.0

Manual Integrations
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#14

Carbon disulfide

Concen: 0.160 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV013412.D

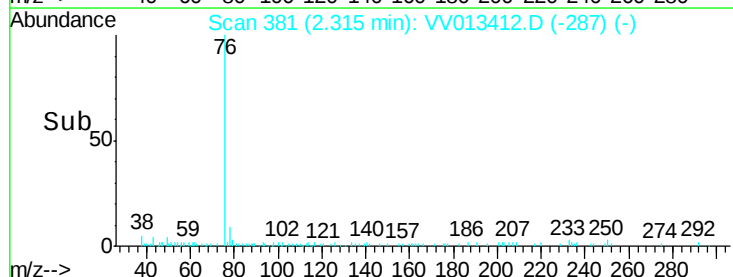
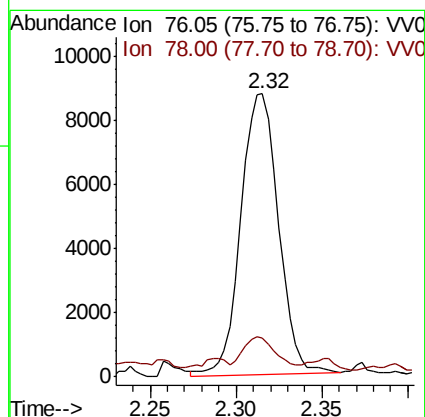
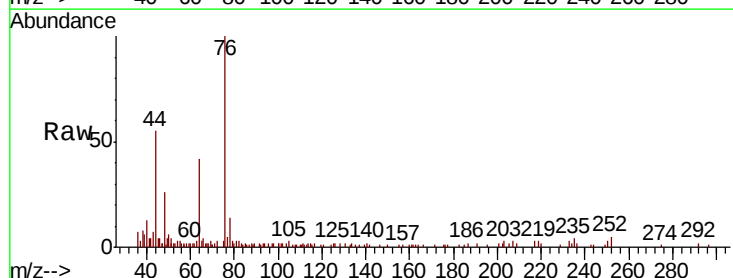
Acq: 29 Oct 2019 22:42

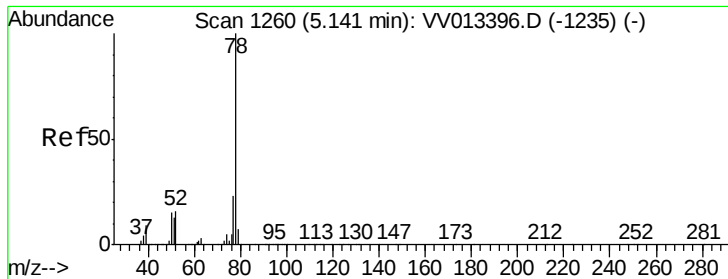
Tgt Ion: 76 Resp: 13299

Ion Ratio Lower Upper

76 100

78 13.9 7.5 11.3#





#33

Benzene

Concen: 0.353 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VV013412.D

Acq: 29 Oct 2019 22:42

Instrument :

MSVOA_V

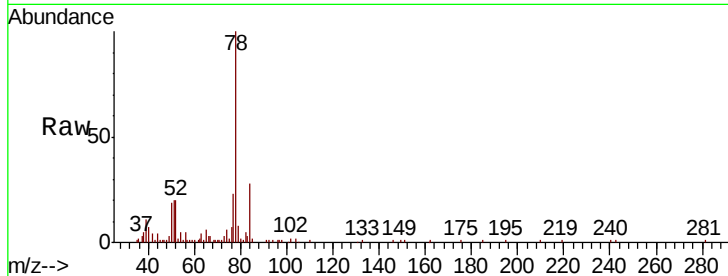
ClientSampleId :

GAQE2

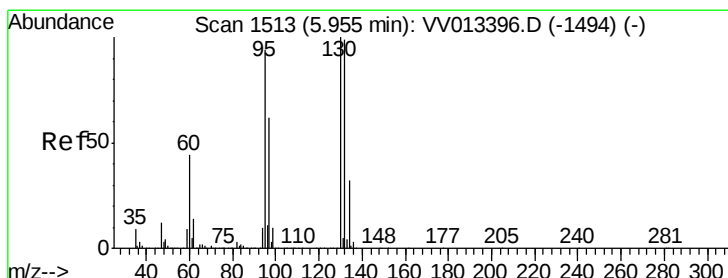
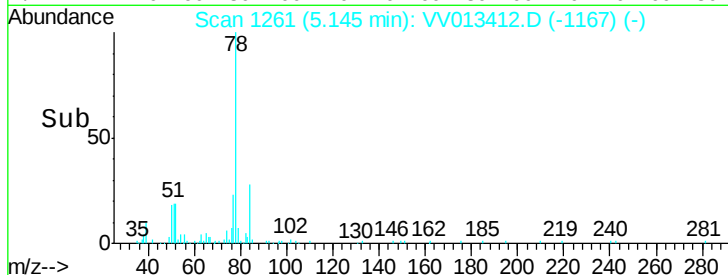
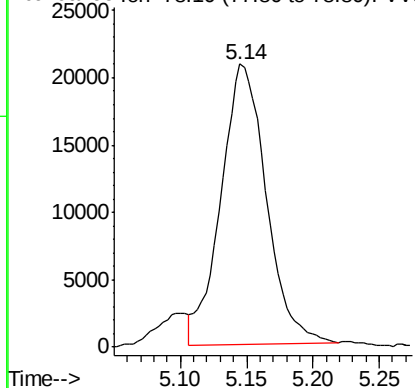
Tgt Ion: 78 Resp: 49445

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Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 0.143 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV013412.D

Acq: 29 Oct 2019 22:42

Tgt Ion: 95 Resp: 5521

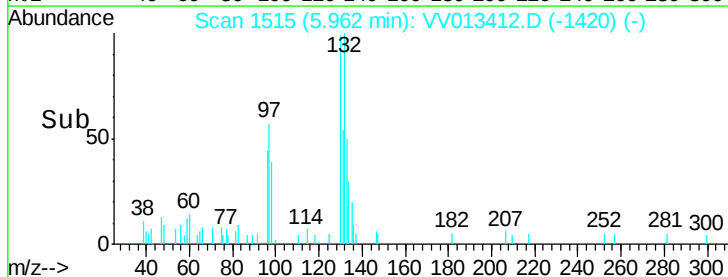
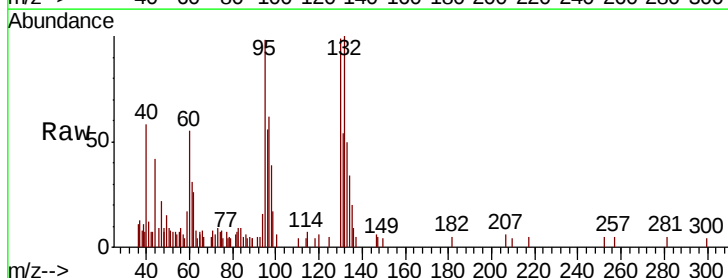
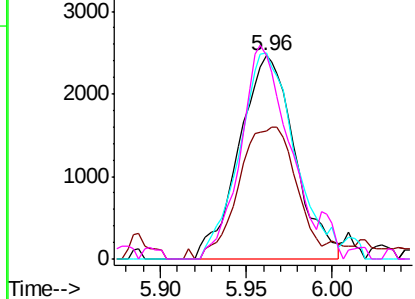
Ion	Ratio	Lower	Upper
95	100		
97	62.7	43.9	81.5
132	101.5	68.7	127.7
130	100.1	72.1	133.9

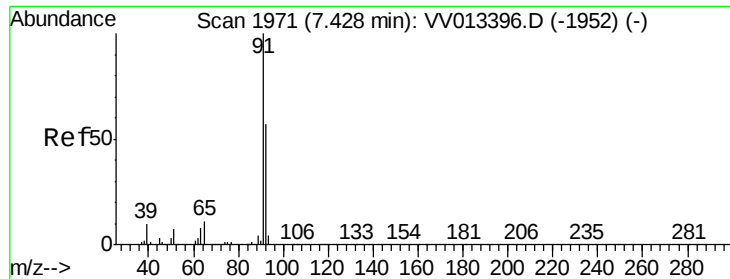
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#42

Toluene

Concen: 0.109 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV013412.D

Acq: 29 Oct 2019 22:42

Instrument :

MSVOA_V

ClientSampleId :

GAQE2

Tot Ion: 91 Resp: 15879

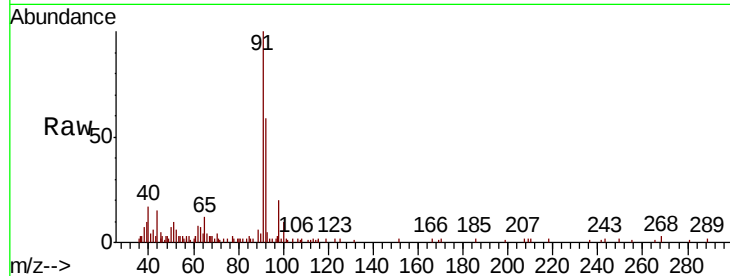
Ion Ratio Lower Upper

91 100

92 59.2 40.3 74.8

Manual Integrations
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Abundance Ion 91.15 (90.85 to 91.85): VV013396.D (-1952) (-)

Ion 92.15 (91.85 to 92.85): VV013396.D (-1952) (-)

7.43

8000

6000

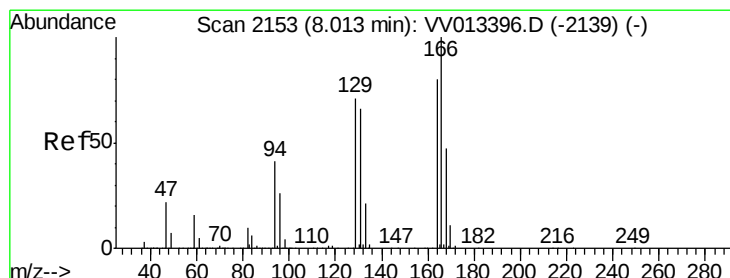
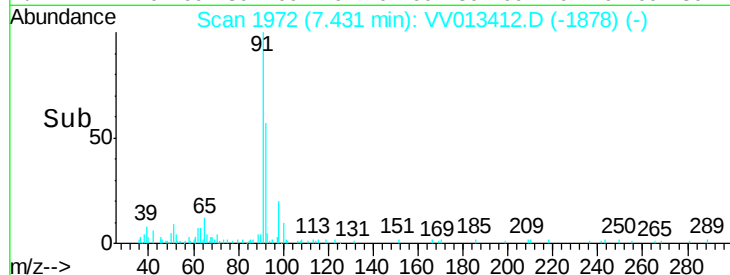
4000

2000

0

7.35 7.40 7.45 7.50

Time-->



#47

Tetrachloroethene

Concen: 2.288 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013412.D

Acq: 29 Oct 2019 22:42

Tgt Ion: 164 Resp: 74599

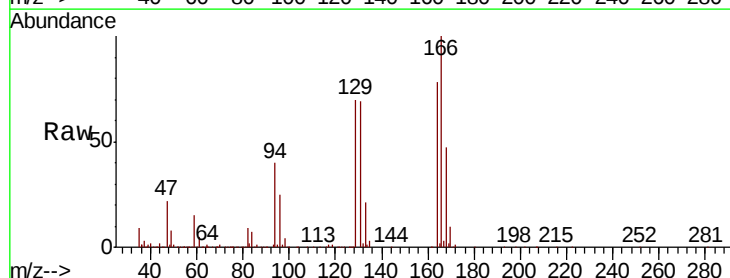
Ion Ratio Lower Upper

164 100

129 89.7 63.4 117.8

131 88.1 60.3 112.1

166 127.9 90.8 168.6



Abundance Ion 163.90 (163.60 to 164.60): VV013396.D (-2139) (-)

Ion 128.95 (128.65 to 129.65): VV013396.D (-2139) (-)

Ion 130.95 (130.65 to 131.65): VV013396.D (-2139) (-)

Ion 165.90 (165.60 to 166.60): VV013396.D (-2139) (-)

80000

60000

40000

20000

0

7.95 8.00 8.05

Time-->

