

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016222.D
 Acq On : 27 May 2020 12:49
 Operator : SY/MD
 Sample : L2754-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAX98

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 4:11:41 PM

Quant Time: May 28 02:47:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 01:17:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	98198	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	95330	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	43754	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26602	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.58	69	24435	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.13	63	38011	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	3.95	46	69871	44.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.32%
24) Chloroform-d	4.38	84	54273	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.06	65	29508	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.08	84	105563	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.10	67	32566	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.34	98	93281	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
45) trans-1,3-Dichloropropene-	7.65	79	11097	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
48) 2-Hexanone-d5	8.12	63	51096	40.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.82%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22397	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	32842	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.22	43	2983m	3.080	ug/L	
22) cis-1,2-Dichloroethene	3.94	96	2493	0.333	ug/L	98
34) Trichloroethene	5.94	95	4247	0.594	ug/L	94
42) Toluene	7.42	91	3381	0.113	ug/L	94
49) Tetrachloroethene	8.00	164	7381	1.439	ug/L	97

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

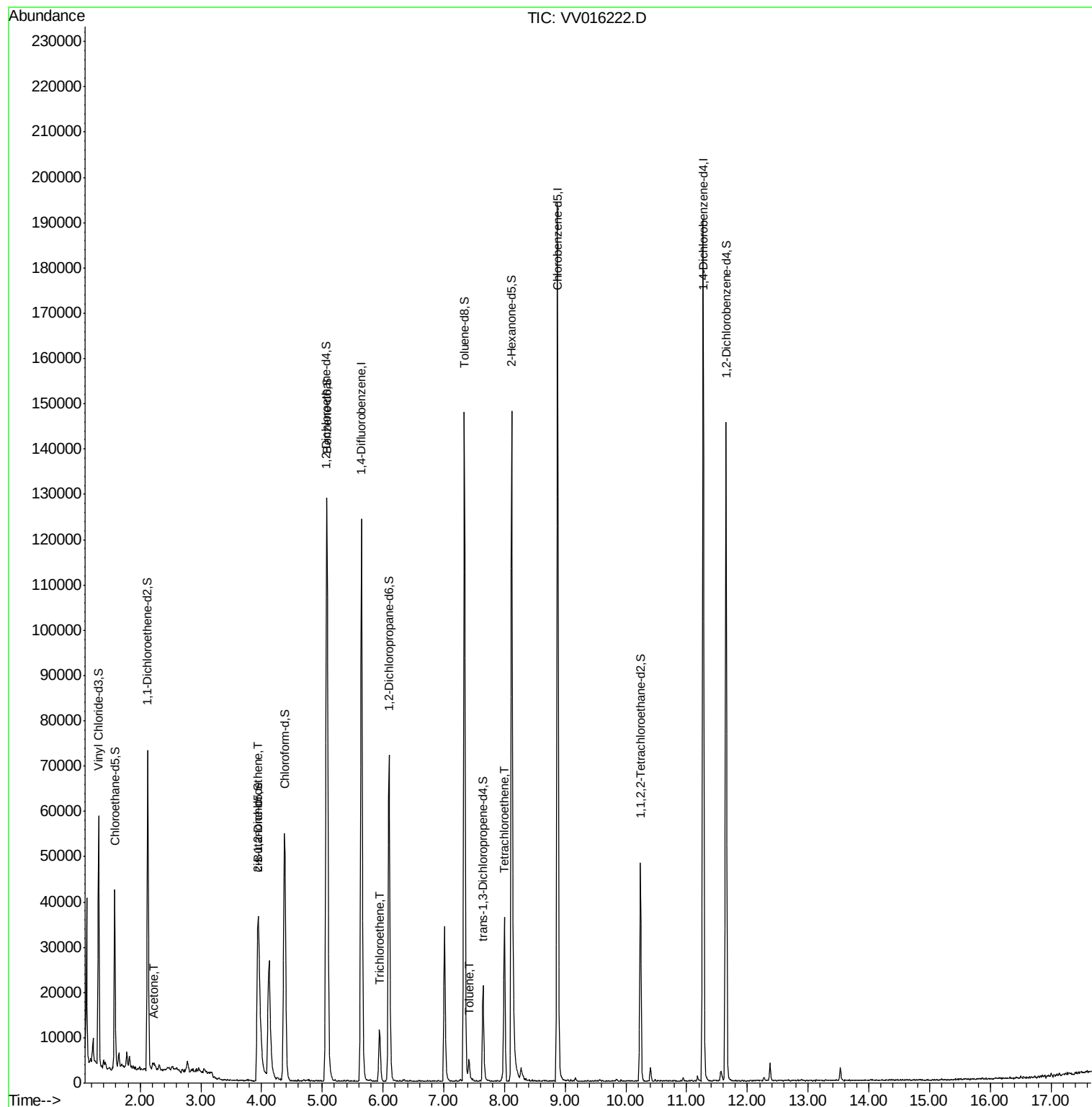
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052720\
Data File : VV016222.D
Acq On : 27 May 2020 12:49
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ALS Vial : 9 Sample Multiplier: 1

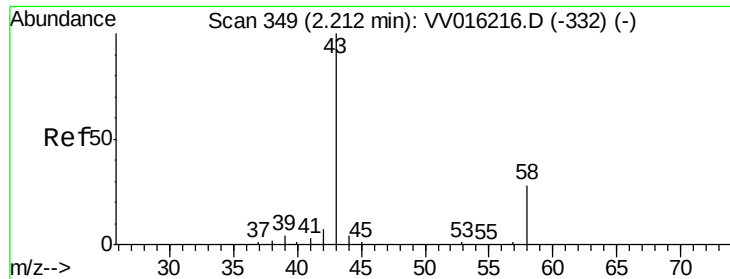
Instrument :
MSVOA_V
ClientSampleId :
GAX98

Manual Integrations
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Quant Time: May 28 02:47:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 01:17:22 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.080 ug/L m

RT: 2.22 min Scan# 352

Delta R.T. 0.01 min

Lab File: VV016222.D

Acq: 27 May 2020 12:49

Tot Ion: 43 Resp: 2983

Ion Ratio Lower Upper

43 100

58 5.3 0.0 48.8

Instrument :

MSVOA_V

ClientSampled :

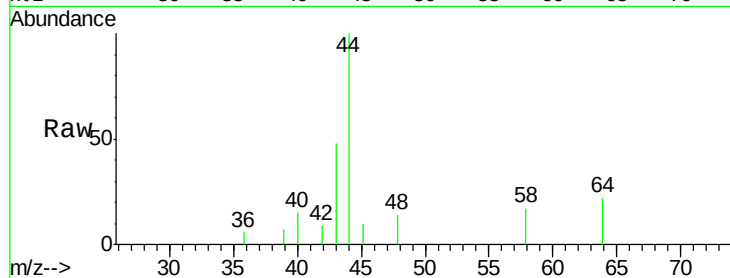
GAX98

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Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.22

800

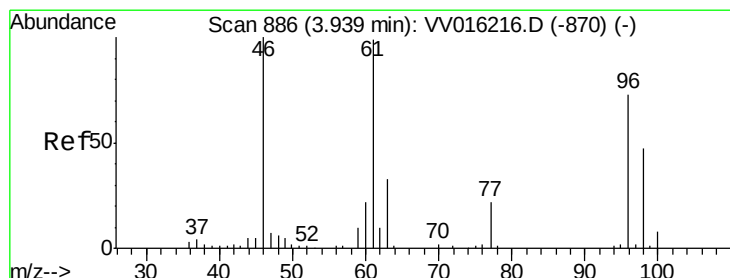
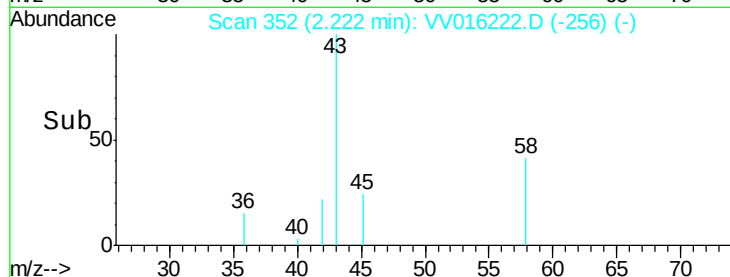
600

400

200

0

Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.333 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.00 min

Lab File: VV016222.D

Acq: 27 May 2020 12:49

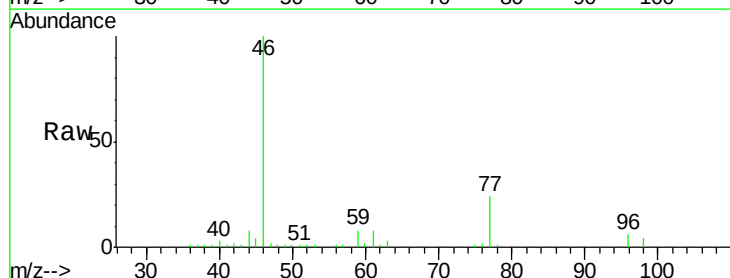
Tgt Ion: 96 Resp: 2493

Ion Ratio Lower Upper

96 100

61 139.8 99.7 185.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

2000

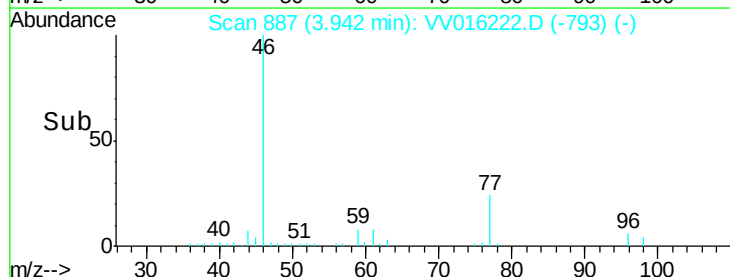
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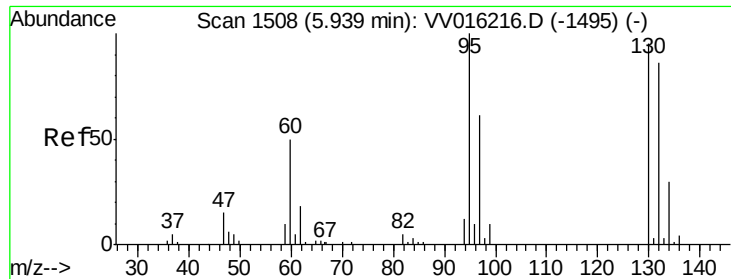
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500

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Time-->





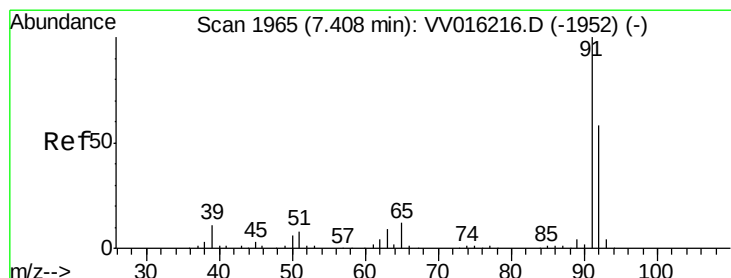
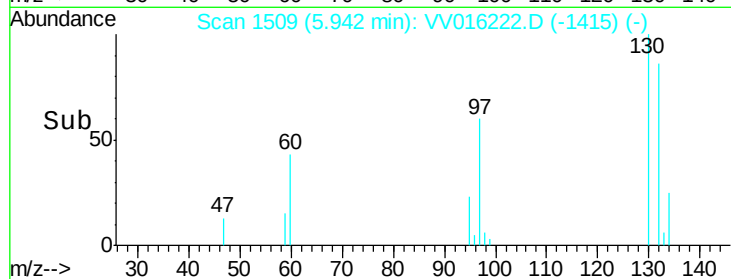
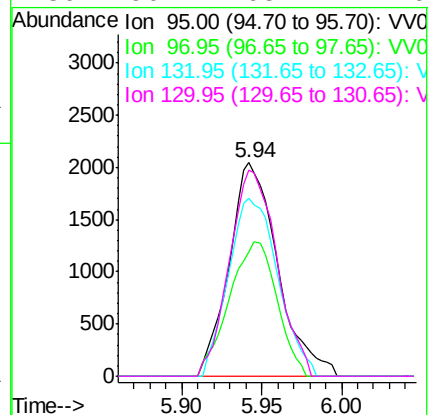
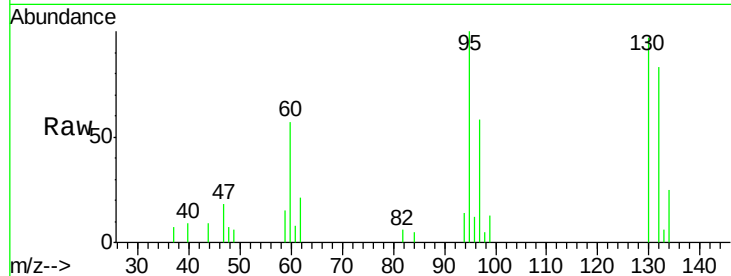
#34
 Trichloroethene
 Concen: 0.594 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VV016222.D
 Acq: 27 May 2020 12:49

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		4247		
97	58.4	43.6	81.0		
132	83.1	63.9	118.7		
130	96.7	65.2	121.0		

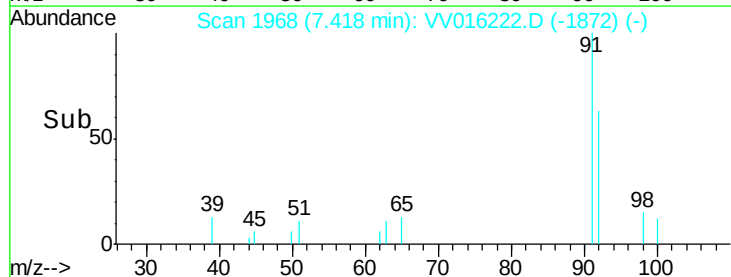
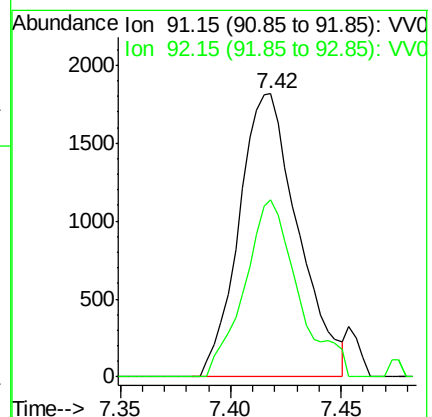
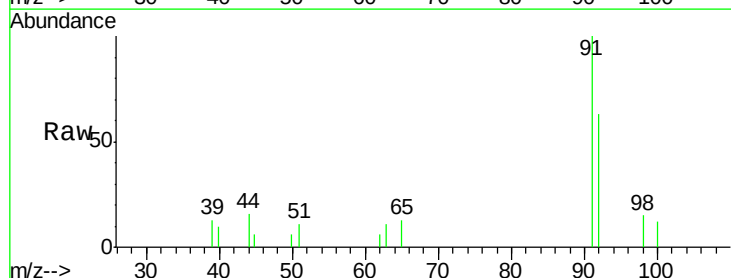
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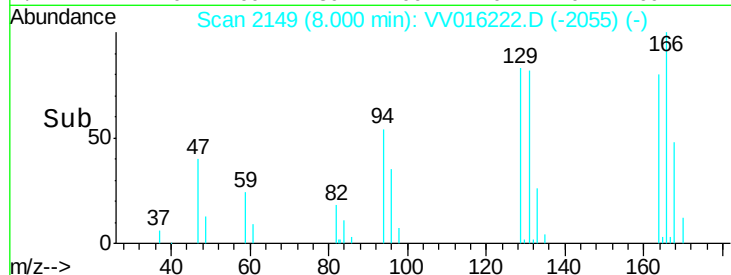
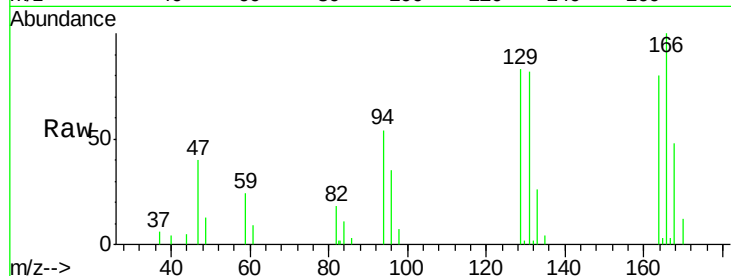
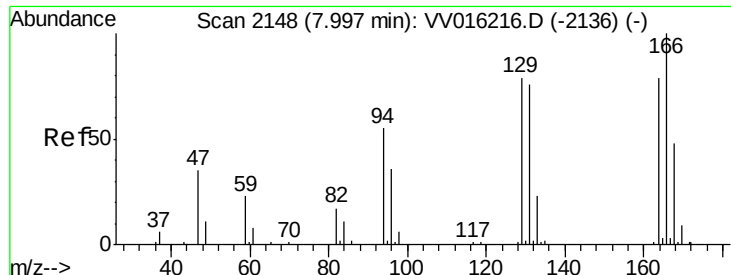
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#42
 Toluene
 Concen: 0.113 ug/L
 RT: 7.42 min Scan# 1968
 Delta R.T. 0.01 min
 Lab File: VV016222.D
 Acq: 27 May 2020 12:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		3381		
92	62.7	40.9	76.0		





#49

Tetrachloroethene

Concen: 1.439 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV016222.D

Acq: 27 May 2020 12:49

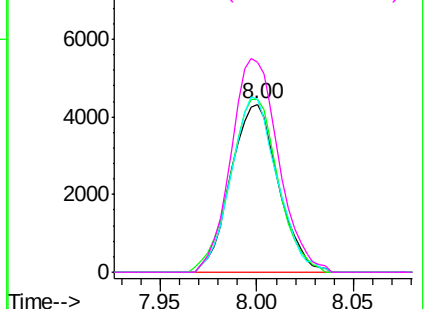
Tot Ion:	164	Resp:	7381
Ion Ratio	Lower	Upper	
164	100		
129	103.2	70.7	131.3
131	102.7	66.6	123.8
166	124.9	86.9	161.5

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



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