

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052620\
 Data File : VV016206.D
 Acq On : 26 May 2020 21:34
 Operator : SY/MD
 Sample : L2753-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXF4

Quant Time: May 27 05:53:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 03:06:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	111988	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	105019	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	47476	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32127	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.58	69	29375	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.13	63	43996	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.94	46	91912	51.52	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.04%
24) Chloroform-d	4.38	84	66314	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.06	65	36274	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.08	84	128133	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.10	67	39879	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.34	98	113884	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
45) trans-1,3-Dichloropropene-	7.65	79	14385	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
48) 2-Hexanone-d5	8.12	63	68897	50.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.14%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	28965	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	39911	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

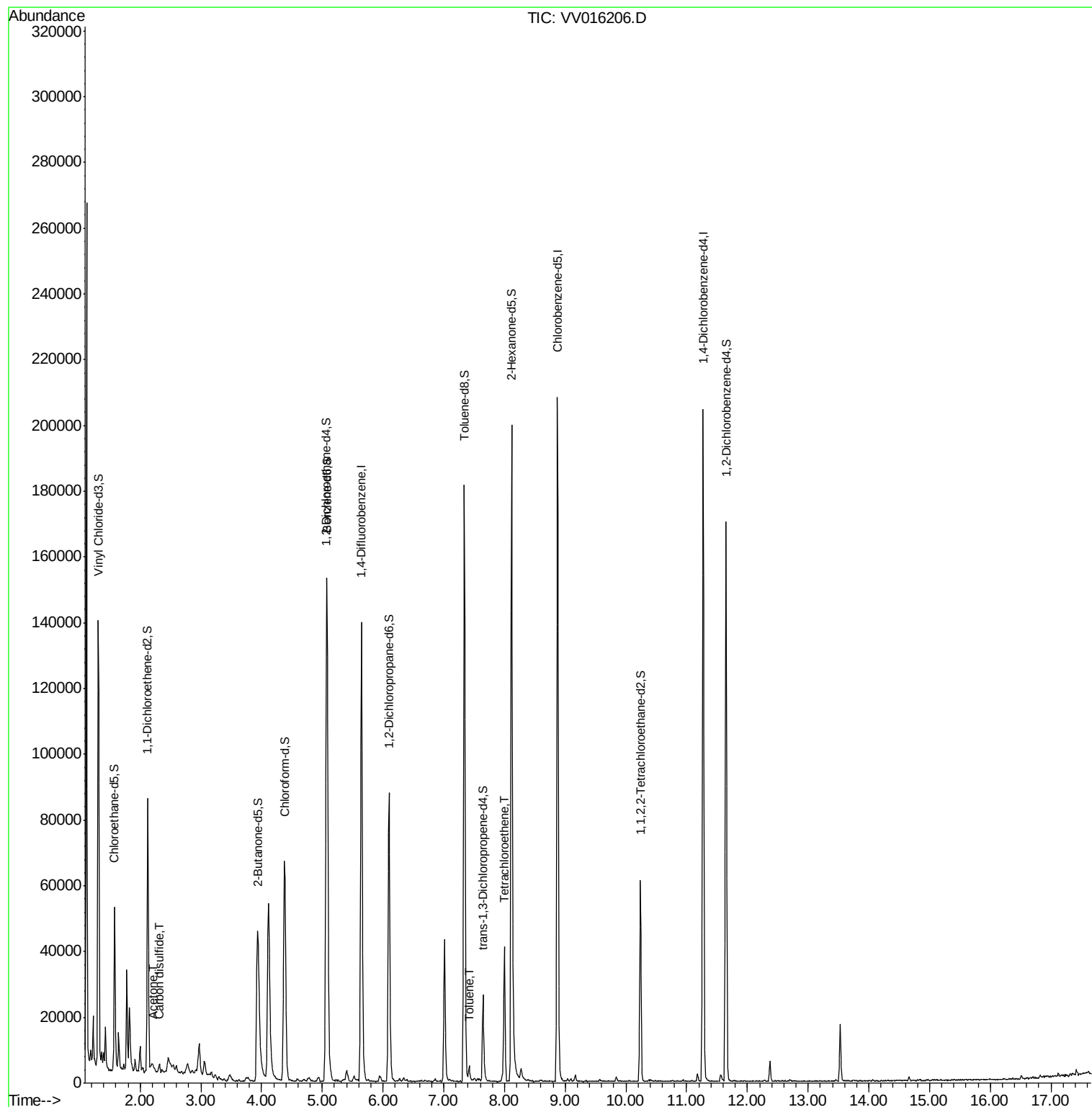
					Ovalue
13) Acetone	2.21	43	3815	3.455 ug/L	89
14) Carbon disulfide	2.31	76	2400	0.117 ug/L #	93
42) Toluene	7.42	91	3192	0.097 ug/L	87
49) Tetrachloroethene	8.00	164	7956	1.408 ug/L	94

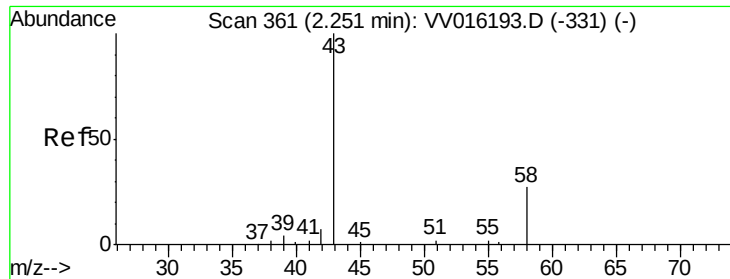
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.455 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.04 min

Lab File: VV016206.D

Acq: 26 May 2020 21:34

Instrument :

MSVOA_V

ClientSampled :

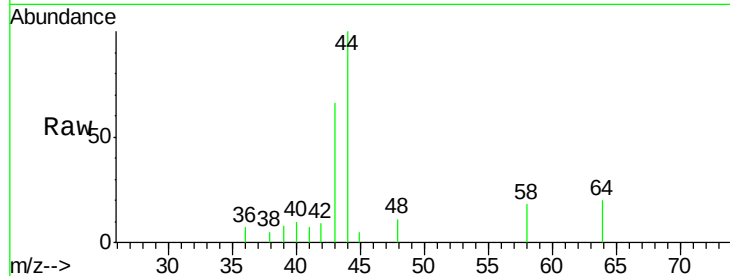
GAXF4

Tot Ion: 43 Resp: 3815

Ion Ratio Lower Upper

43 100

58 30.0 0.0 48.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

1500

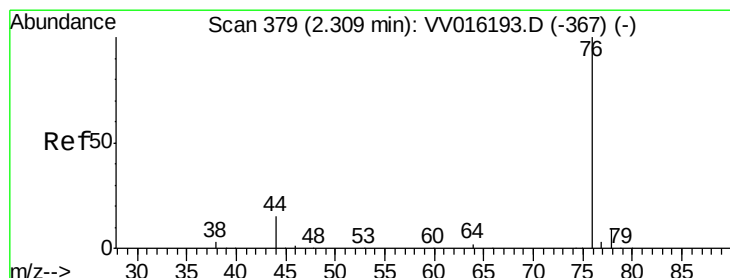
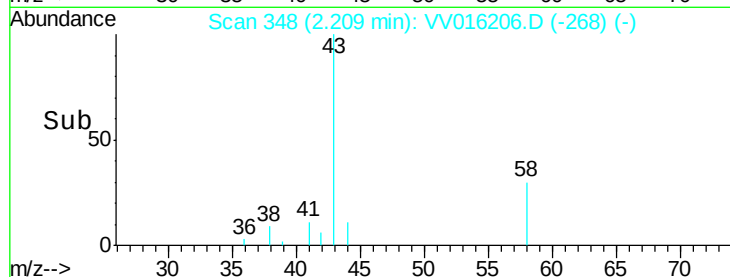
1000

500

0

2.15 2.20 2.25 2.30

Time-->



#14

Carbon disulfide

Concen: 0.117 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV016206.D

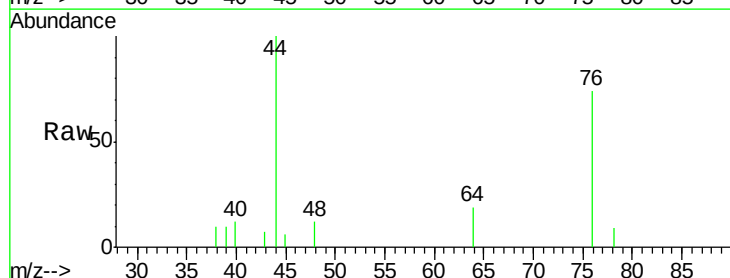
Acq: 26 May 2020 21:34

Tgt Ion: 76 Resp: 2400

Ion Ratio Lower Upper

76 100

78 11.7 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

1500

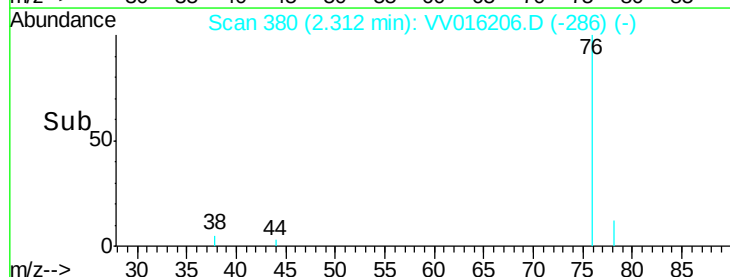
1000

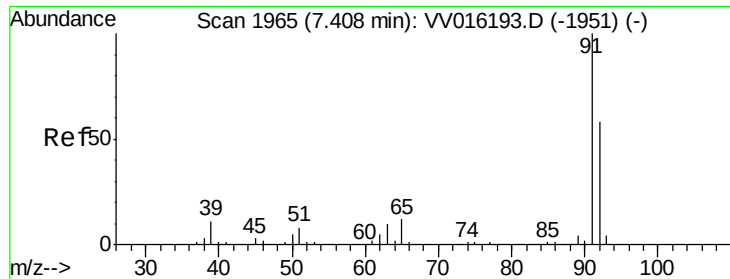
500

0

2.30 2.35

Time-->





#42

Toluene

Concen: 0.097 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV016206.D

Acq: 26 May 2020 21:34

Instrument :

MSVOA_V

ClientSampleId :

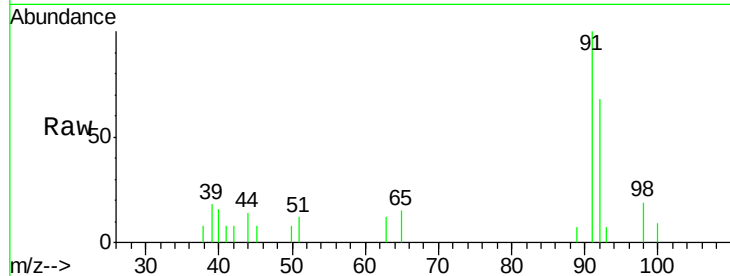
GAXF4

Tot Ion: 91 Resp: 3192

Ion Ratio Lower Upper

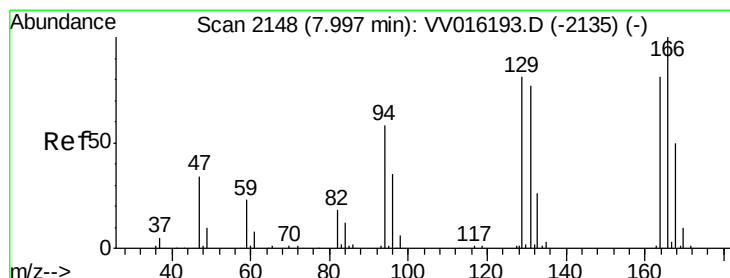
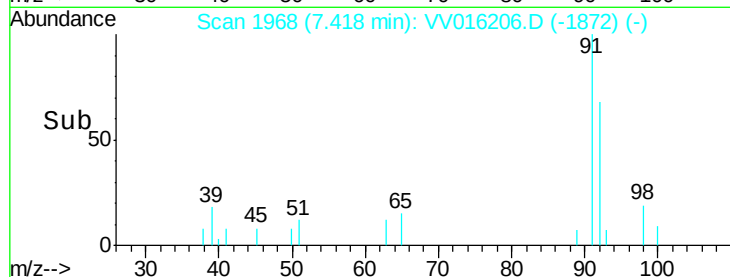
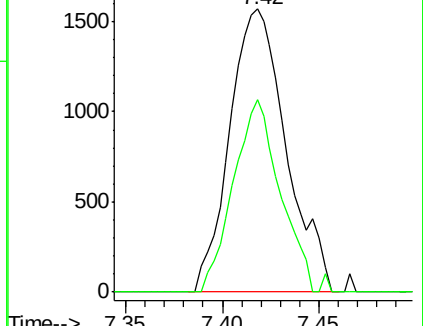
91 100

92 68.0 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VV016193.D (-1951) (-)

Ion 92.15 (91.85 to 92.85): VV016193.D (-1951) (-)



#49

Tetrachloroethene

Concen: 1.408 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV016206.D

Acq: 26 May 2020 21:34

Tgt Ion: 164 Resp: 7956

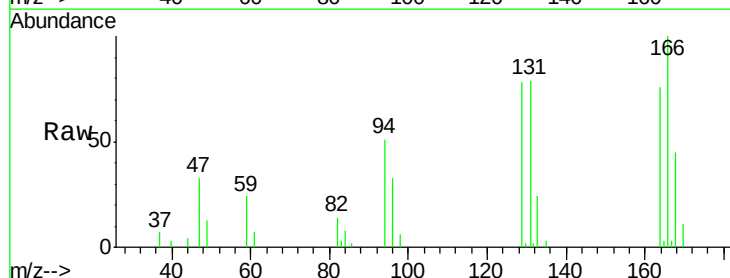
Ion Ratio Lower Upper

164 100

129 103.2 70.7 131.3

131 104.2 66.6 123.8

166 131.7 86.9 161.5



Abundance Ion 163.90 (163.60 to 164.60): VV016193.D (-2135) (-)

Ion 128.95 (128.65 to 129.65): VV016193.D (-2135) (-)

Ion 130.95 (130.65 to 131.65): VV016193.D (-2135) (-)

Ion 165.90 (165.60 to 166.60): VV016193.D (-2135) (-)

