

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071420\
 Data File : VV017493.D
 Acq On : 14 Jul 2020 19:15
 Operator : SY/MD
 Sample : L3281-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXX1

Quant Time: Jul 15 05:05:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 02:49:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	136788	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	133270	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	64636	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35793	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.58	69	30218	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.13	63	59105	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	3.93	46	84446	51.72	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.44%
24) Chloroform-d	4.38	84	79212	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.06	65	46104	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.08	84	145259	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.09	67	40807	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.34	98	131622	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
45) trans-1,3-Dichloropropene-	7.64	79	17968	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
48) 2-Hexanone-d5	8.11	63	59621	48.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.36%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	28569	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	55912	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

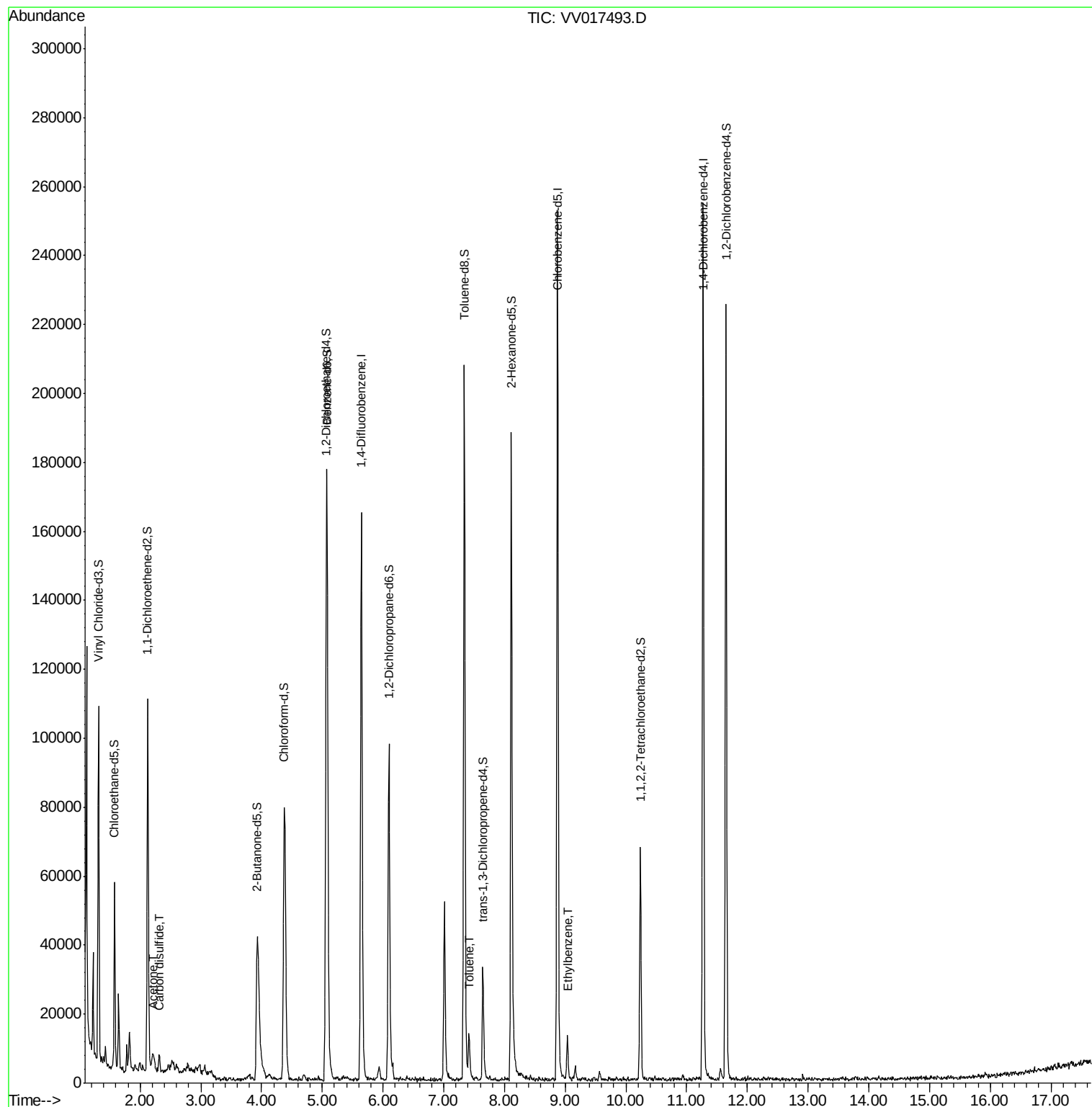
					Ovalue
13) Acetone	2.21	43	7374	6.221 ug/L	66
14) Carbon disulfide	2.31	76	4761	0.187 ug/L	96
42) Toluene	7.41	91	9791	0.250 ug/L	95
54) Ethylbenzene	9.04	91	7723	0.172 ug/L	98

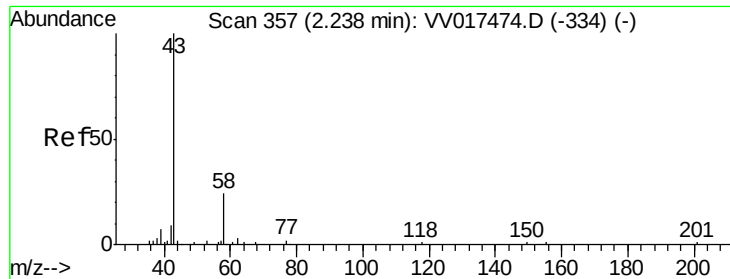
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.221 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.03 min

Lab File: VV017493.D

Acq: 14 Jul 2020 19:15

Instrument :

MSVOA_V

ClientSampled :

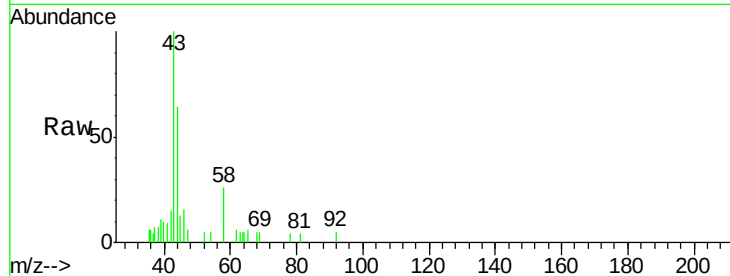
GAXX1

Tot Ion: 43 Resp: 7374

Ion Ratio Lower Upper

43 100

58 31.3 0.0 33.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.21

2500

2000

1500

1000

500

0

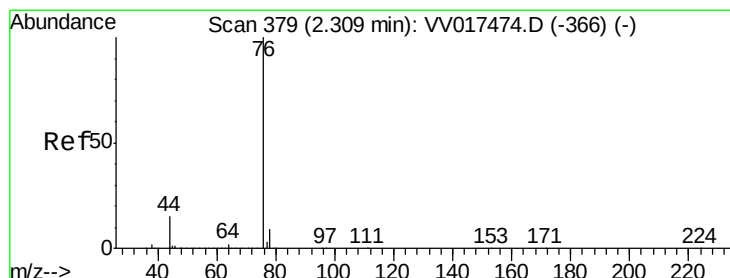
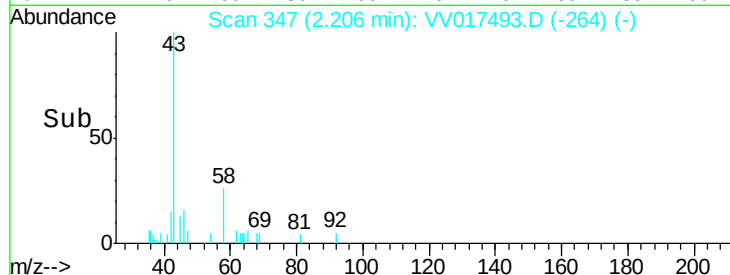
2.15

2.20

2.25

2.30

Time-->



#14

Carbon disulfide

Concen: 0.187 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV017493.D

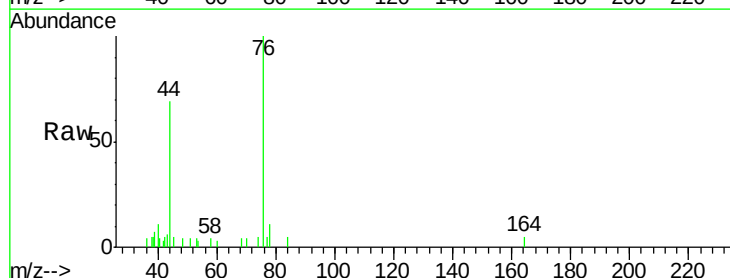
Acq: 14 Jul 2020 19:15

Tgt Ion: 76 Resp: 4761

Ion Ratio Lower Upper

76 100

78 10.8 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.31

3000

2000

1000

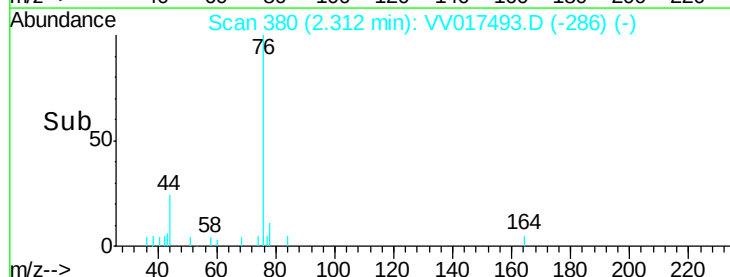
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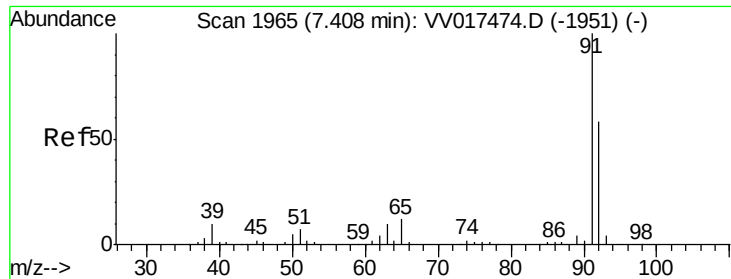
2.25

2.30

2.35

Time-->





#42

Toluene

Concen: 0.250 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017493.D

Acq: 14 Jul 2020 19:15

Instrument :

MSVOA_V

ClientSampleId :

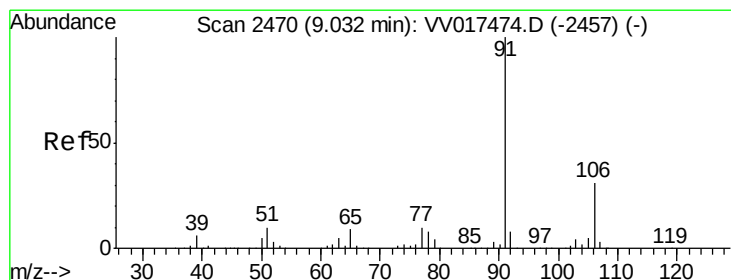
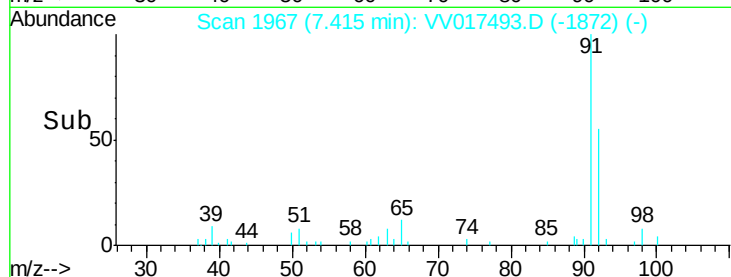
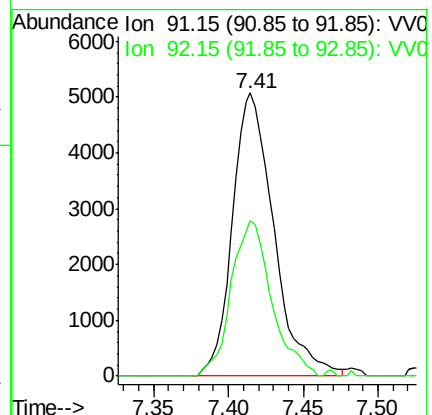
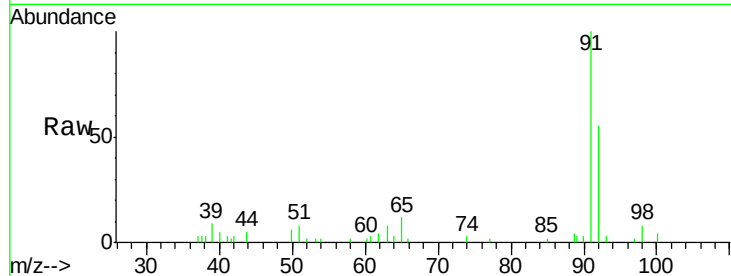
GAXX1

Tot Ion: 91 Resp: 9791

Ion Ratio Lower Upper

91 100

92 54.8 40.7 75.5



#54

Ethylbenzene

Concen: 0.172 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV017493.D

Acq: 14 Jul 2020 19:15

Tgt Ion: 91 Resp: 7723

Ion Ratio Lower Upper

91 100

106 32.4 21.9 40.7

