

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071420\
 Data File : VV017488.D
 Acq On : 14 Jul 2020 16:51
 Operator : SY/MD
 Sample : L3281-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXW5

Quant Time: Jul 15 04:43:50 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	154004	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	151134	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	76388	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36953	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.58	69	30554	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.13	63	57427	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	3.93	46	85620	46.58	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.16%
24) Chloroform-d	4.38	84	81171	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	5.06	65	48181	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.08	84	142404	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
36) 1,2-Dichloropropane-d6	6.10	67	40577	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	7.34	98	133009	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
45) trans-1,3-Dichloropropene-	7.65	79	18896	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
48) 2-Hexanone-d5	8.11	63	59914	42.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.40%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	29327	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	56715	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

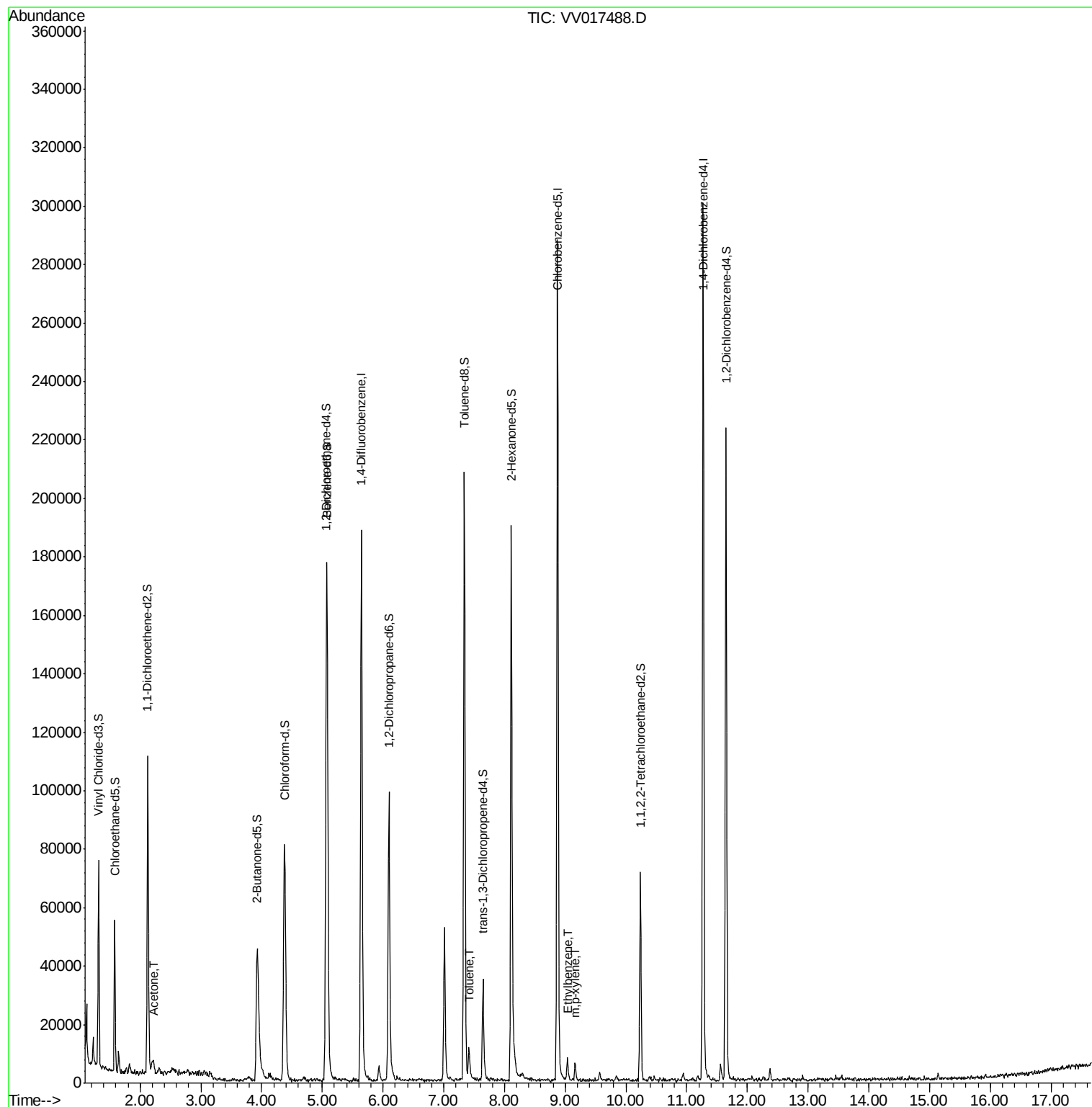
					Ovalue
13) Acetone	2.21	43	7652	5.734	ug/L 73
42) Toluene	7.41	91	7472	0.168	ug/L 100
54) Ethylbenzene	9.04	91	4489	0.088	ug/L 97
55) m,p-xylene	9.16	106	1623	0.084	ug/L 87

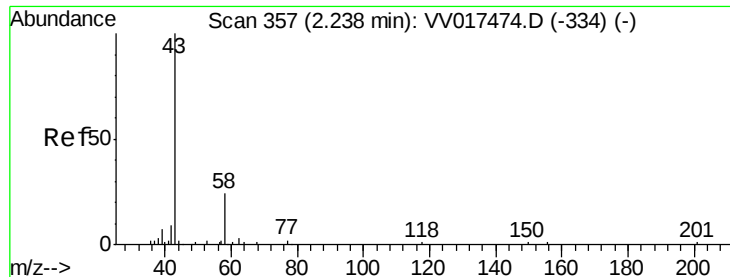
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.734 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.03 min

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Acq: 14 Jul 2020 16:51

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MSVOA_V

ClientSampleId :

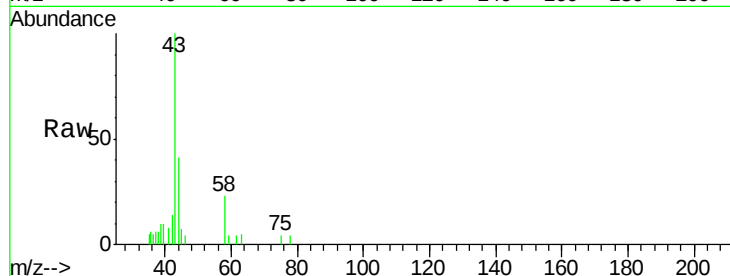
GAXW5

Tot Ion: 43 Resp: 7652

Ion Ratio Lower Upper

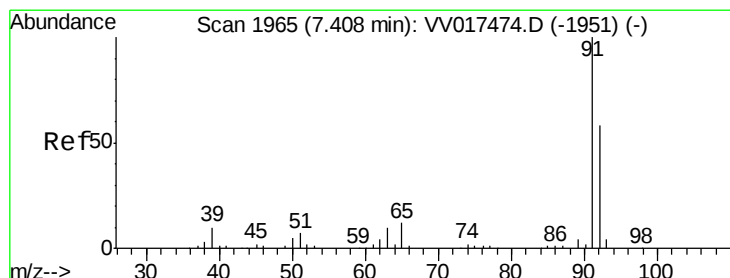
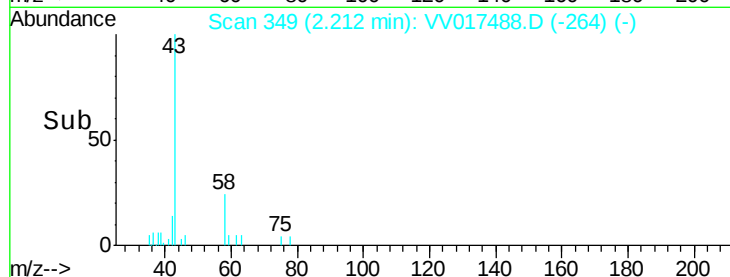
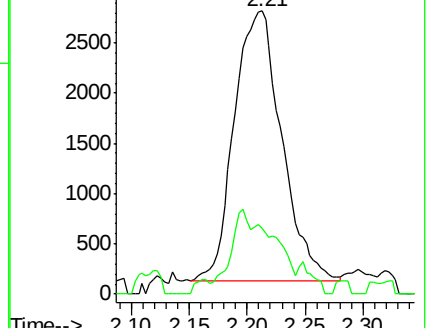
43 100

58 28.3 0.0 33.6



Abundance Ion 43.05 (42.75 to 43.75): VV017474.D (-334) (-)

Ion 58.05 (57.75 to 58.75): VV017474.D (-334) (-)



#42

Toluene

Concen: 0.168 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017488.D

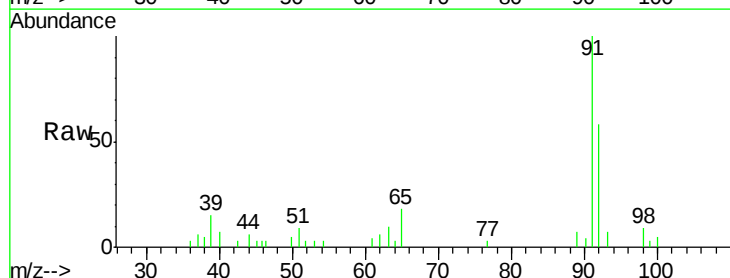
Acq: 14 Jul 2020 16:51

Tgt Ion: 91 Resp: 7472

Ion Ratio Lower Upper

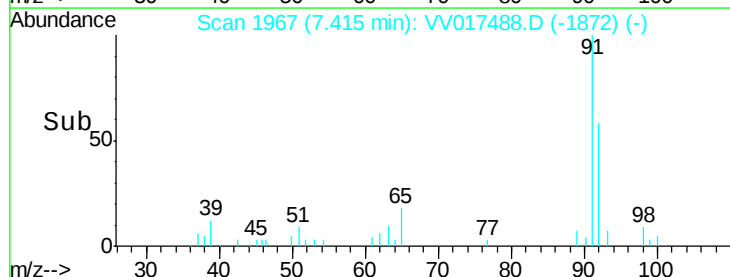
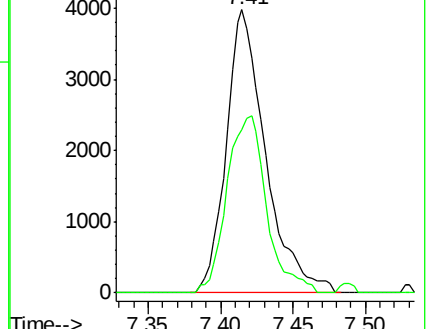
91 100

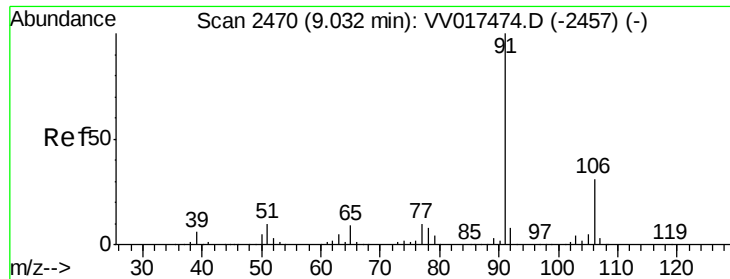
92 57.7 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VV017474.D (-1951) (-)

Ion 92.15 (91.85 to 92.85): VV017474.D (-1951) (-)





#54

Ethylbenzene

Concen: 0.088 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV017488.D

Acq: 14 Jul 2020 16:51

Instrument :

MSVOA_V

ClientSampleId :

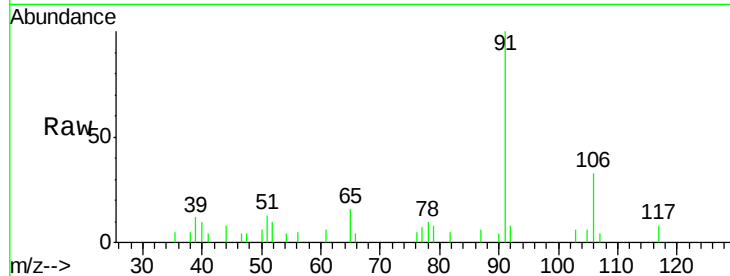
GAXW5

Tot Ion: 91 Resp: 4489

Ion Ratio Lower Upper

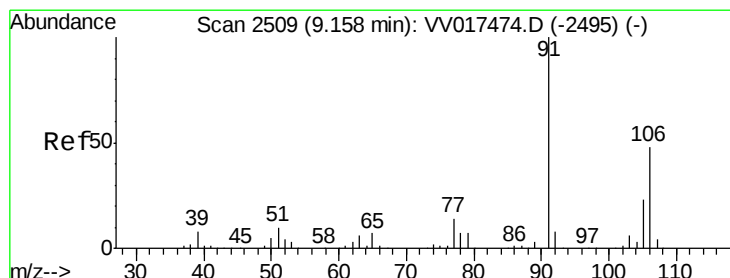
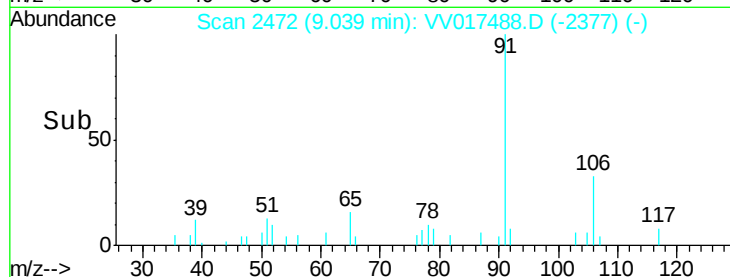
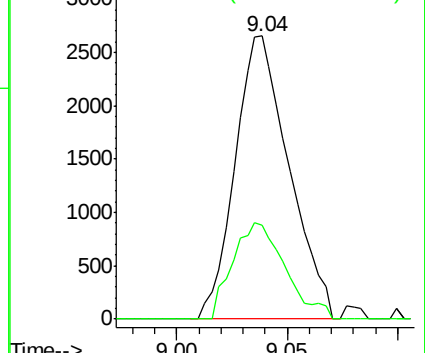
91 100

106 33.0 21.9 40.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V



#55

m,p-xylene

Concen: 0.084 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV017488.D

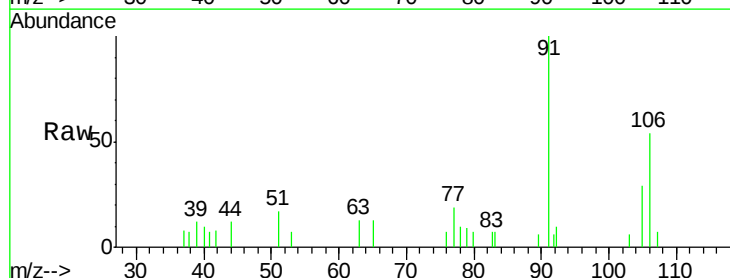
Acq: 14 Jul 2020 16:51

Tgt Ion: 106 Resp: 1623

Ion Ratio Lower Upper

106 100

91 186.1 144.2 267.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

