

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071420\
 Data File : VV017479.D
 Acq On : 14 Jul 2020 13:19
 Operator : SY/MD
 Sample : L3281-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXW3

Quant Time: Jul 15 03:27:24 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	141228	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138183	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	68734	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40319	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.58	69	32346	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.13	63	64943	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.92	46	85045	50.45	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.90%
24) Chloroform-d	4.38	84	84731	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.06	65	48597	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.07	84	156337	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.09	67	41585	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.34	98	144309	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
45) trans-1,3-Dichloropropene-	7.64	79	19410	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
48) 2-Hexanone-d5	8.11	63	61196	47.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.40%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	29573	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	60162	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

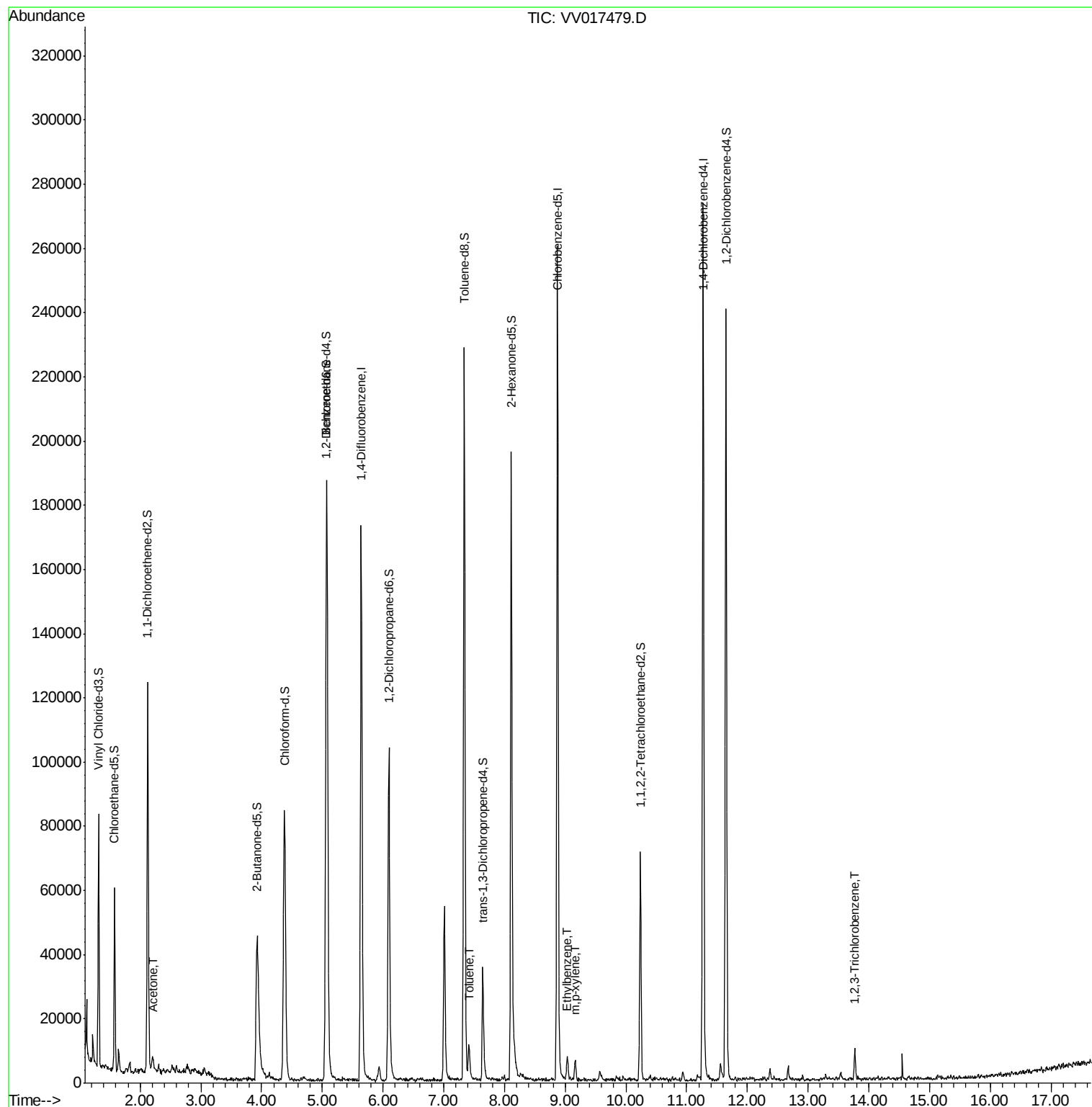
					Ovalue
13) Acetone	2.20	43	7546	6.166	ug/L 79
42) Toluene	7.41	91	7657	0.189	ug/L 92
54) Ethylbenzene	9.04	91	5120	0.110	ug/L 99
55) m,p-xylene	9.17	106	1905	0.108	ug/L 61
71) 1,2,3-Trichlorobenzene	13.77	180	2703	0.220	ug/L # 83

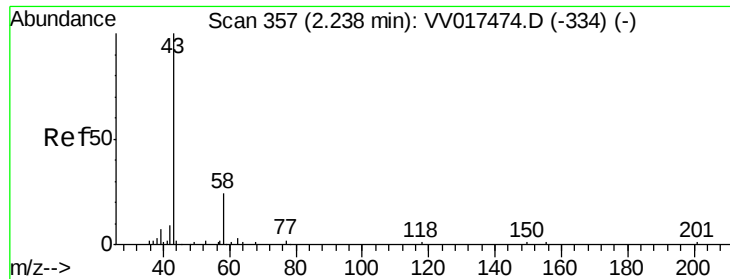
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.166 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.04 min

Lab File: VV017479.D

Acq: 14 Jul 2020 13:19

Instrument :

MSVOA_V

ClientSampleId :

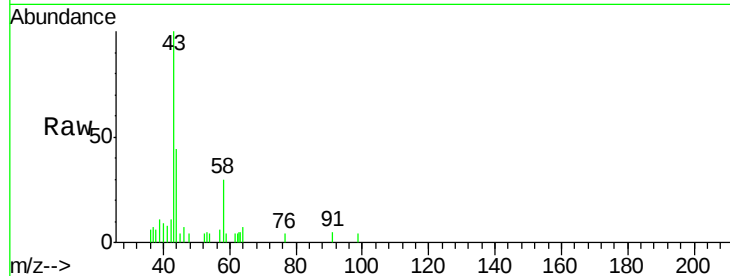
GAXW3

Tot Ion: 43 Resp: 7546

Ion Ratio Lower Upper

43 100

58 26.0 0.0 33.6



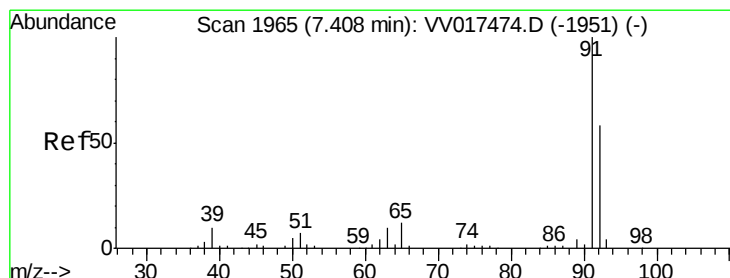
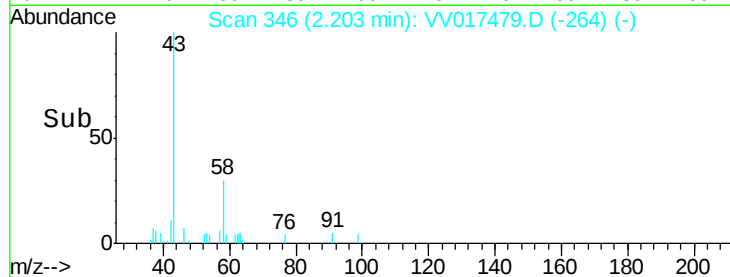
Abundance Ion 43.05 (42.75 to 43.75): VV017474.D (-334) (-)

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

2.20

2.15 2.20 2.25 2.30

Time-->



#42

Toluene

Concen: 0.189 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV017479.D

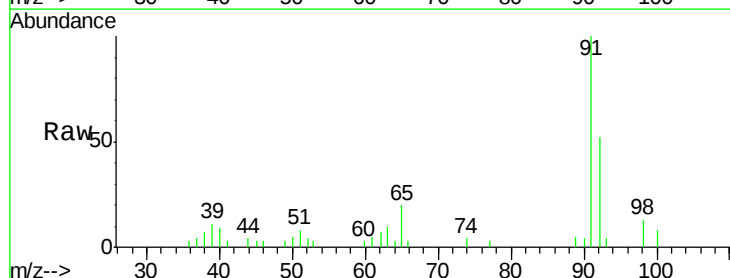
Acq: 14 Jul 2020 13:19

Tgt Ion: 91 Resp: 7657

Ion Ratio Lower Upper

91 100

92 51.9 40.7 75.5



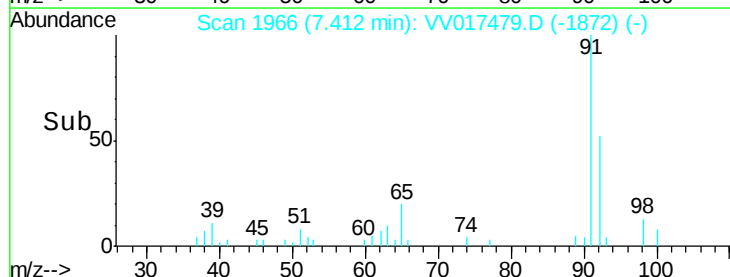
Abundance Ion 91.15 (90.85 to 91.85): VV017474.D (-1951) (-)

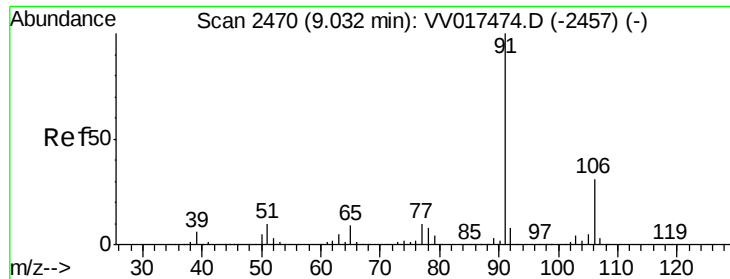
Ion 92.15 (91.85 to 92.85): VV017474.D (-1951) (-)

7.41

7.35 7.40 7.45 7.50

Time-->





#54

Ethylbenzene

Concen: 0.110 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV017479.D

Acq: 14 Jul 2020 13:19

Instrument :

MSVOA_V

ClientSampled :

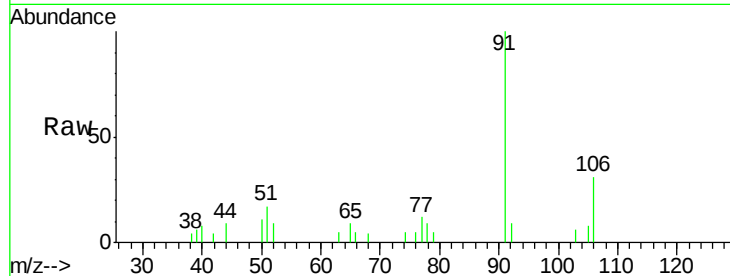
GAXW3

Tot Ion: 91 Resp: 5120

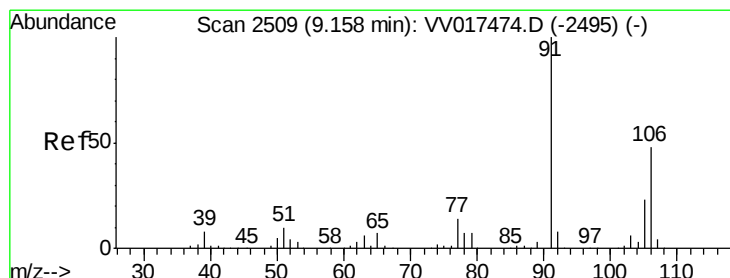
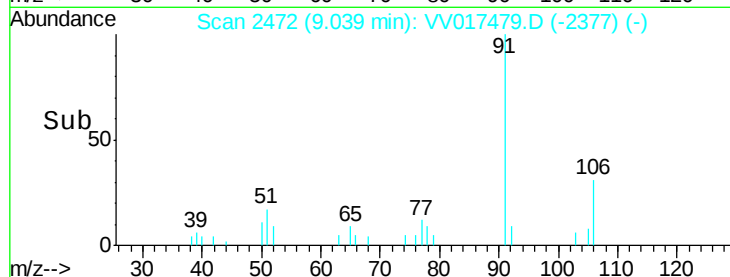
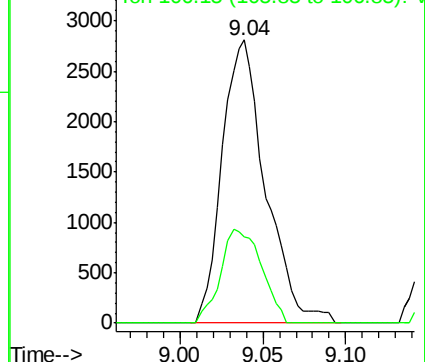
Ion Ratio Lower Upper

91 100

106 30.7 21.9 40.7



Abundance Ion 91.15 (90.85 to 91.85): VV017479.D (-2377) (-)



#55

m,p-xylene

Concen: 0.108 ug/L

RT: 9.17 min Scan# 2512

Delta R.T. 0.01 min

Lab File: VV017479.D

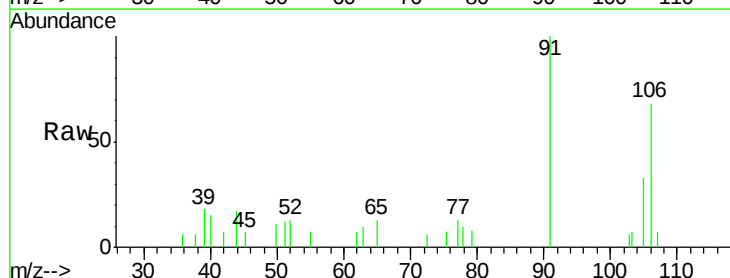
Acq: 14 Jul 2020 13:19

Tgt Ion: 106 Resp: 1905

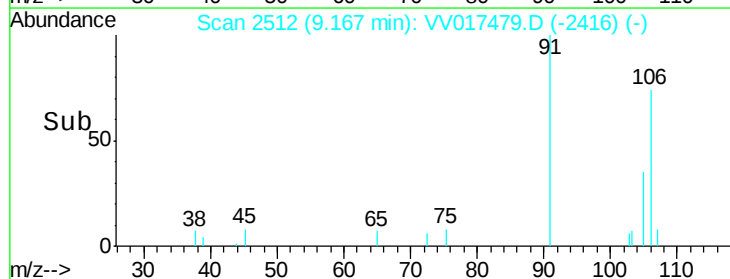
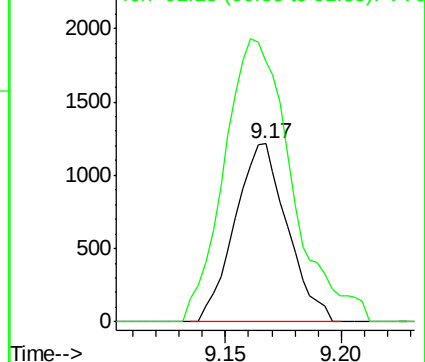
Ion Ratio Lower Upper

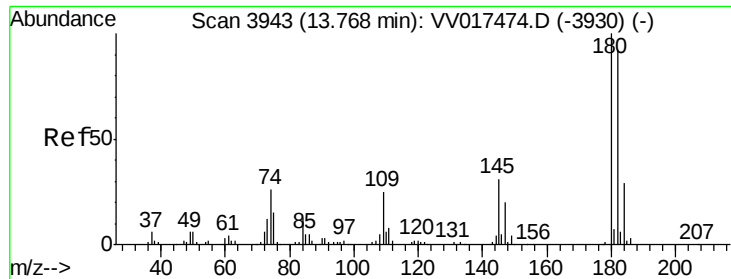
106 100

91 146.3 144.2 267.8



Abundance Ion 106.15 (105.85 to 106.85): VV017479.D (-2416) (-)





#71
 1,2,3-Trichlorobenzene
 Concen: 0.220 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV017479.D
 Acq: 14 Jul 2020 13:19

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXW3

Tot Ion:180 Resp: 2703
 Ion Ratio Lower Upper
 180 100
 182 108.8 74.0 111.0
 145 42.7 26.0 39.0#

