

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110819\
 Data File : VV013544.D
 Acq On : 08 Nov 2019 17:20
 Operator : SY/MD
 Sample : K5747-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2J01

Quant Time: Nov 08 23:53:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 08 22:42:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	389817	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	391822	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	182066	5.00	ug/L	0.00

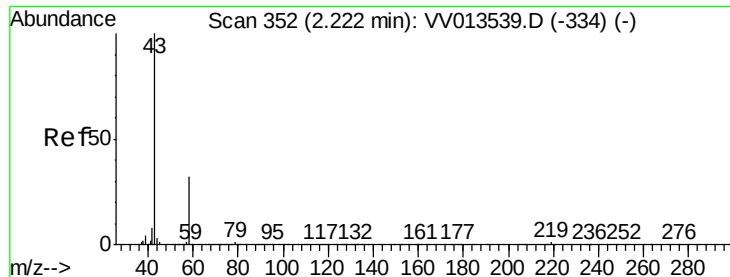
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85226	5.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.80%
7) Chloroethane-d5	1.58	69	82599	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.20%
11) 1,1-Dichloroethene-d2	2.13	63	107140	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.93	46	265752	45.12	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.24%
24) Chloroform-d	4.40	84	206327	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.08	65	120550	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.10	84	395385	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.11	67	140456	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.36	98	309706	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.66	79	48075	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.13	63	177523	43.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	93597	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	168797	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

					Ovalue
13) Acetone	2.19	43	27694	7.751	ug/L 98
42) Toluene	7.43	91	12599	0.100	ug/L 96
53) m,p-xylene	9.18	106	6747	0.133	ug/L 91
54) o-xylene	9.59	106	4247	0.087	ug/L 86
68) 1,2,4-trichlorobenzene	13.31	180	3677	0.097	ug/L 93

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



#13

Acetone

Concen: 7.751 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

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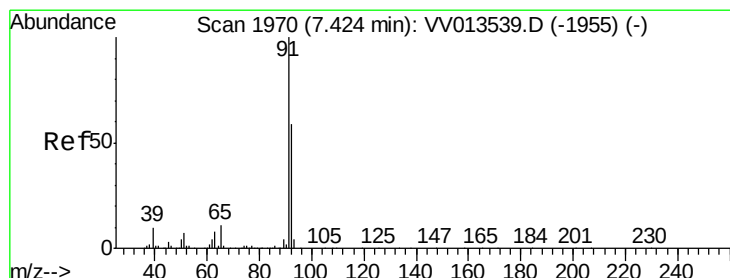
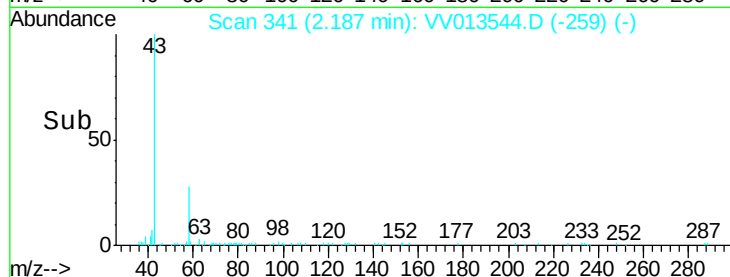
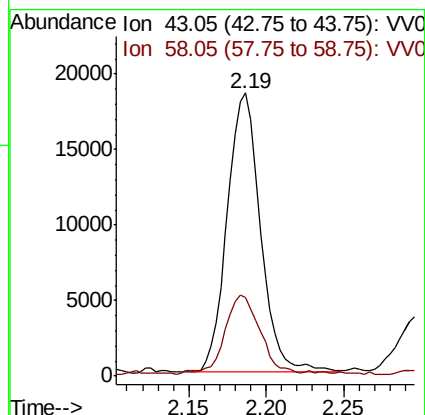
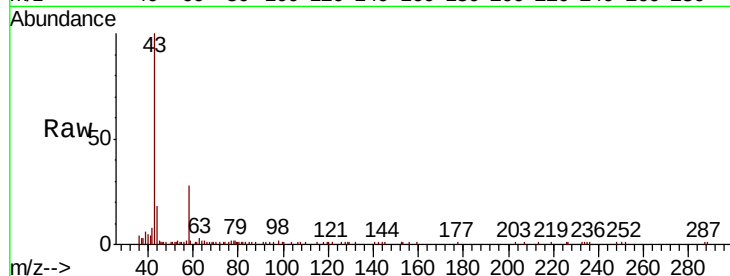
F2J01

Tot Ion: 43 Resp: 27694

Ion Ratio Lower Upper

43 100

58 29.3 0.0 60.8



#42

Toluene

Concen: 0.100 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV013544.D

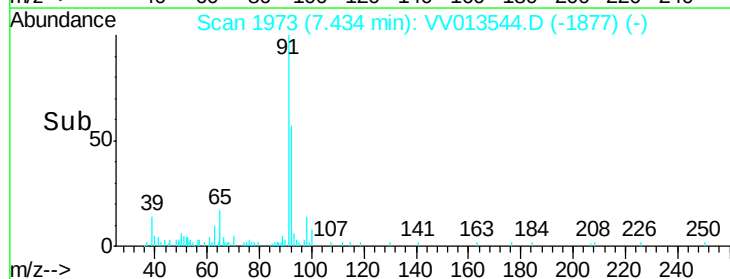
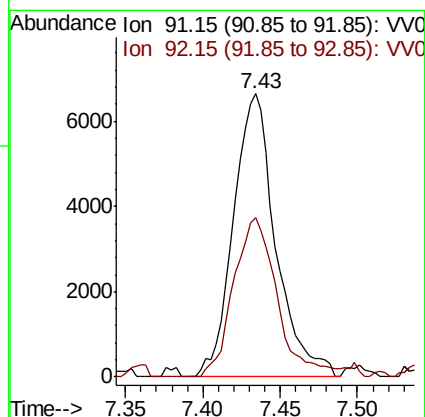
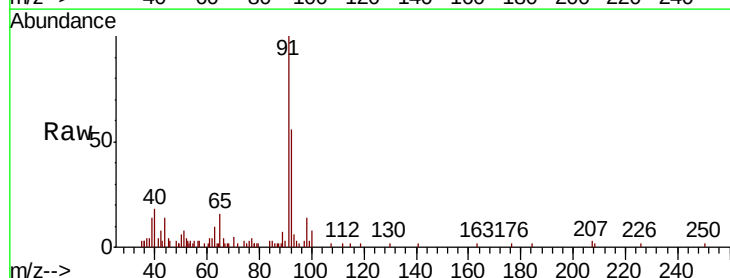
Acq: 08 Nov 2019 17:20

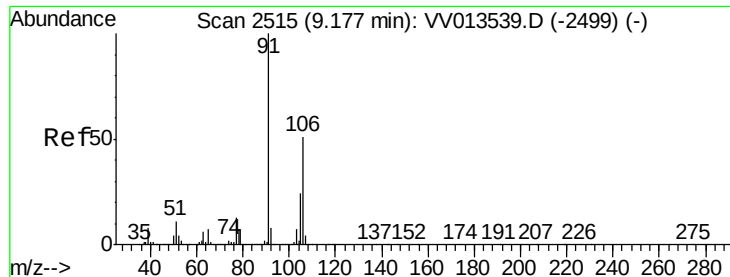
Tgt Ion: 91 Resp: 12599

Ion Ratio Lower Upper

91 100

92 56.2 41.4 77.0





#53

m,p-xylene

Concen: 0.133 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV013544.D

Acq: 08 Nov 2019 17:20

Instrument :

MSVOA_V

ClientSampleId :

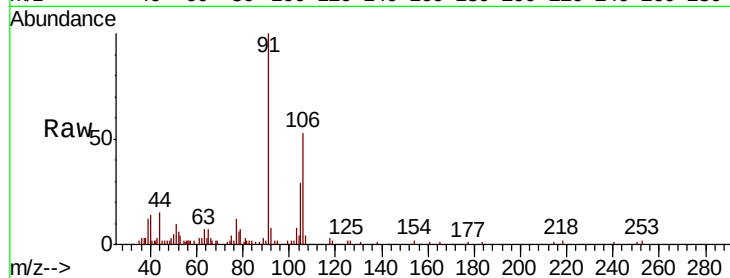
F2J01

Tot Ion:106 Resp: 6747

Ion Ratio Lower Upper

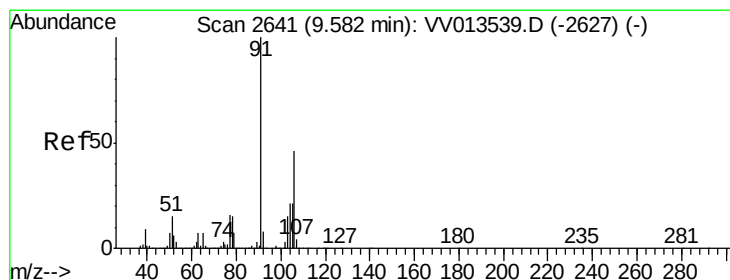
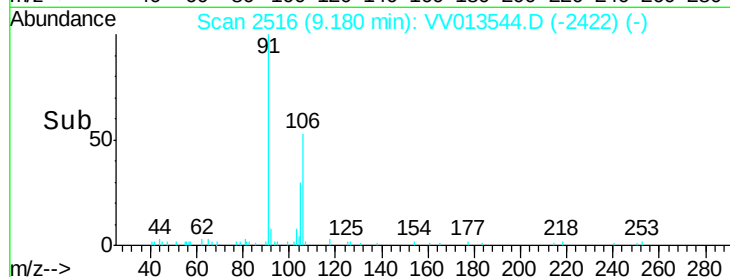
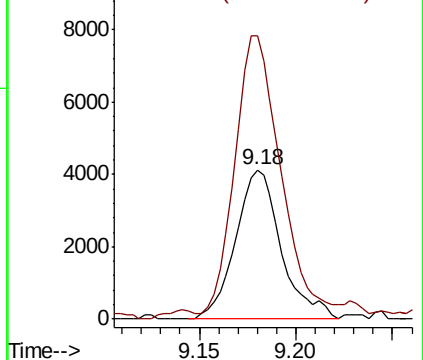
106 100

91 189.8 142.0 263.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.087 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV013544.D

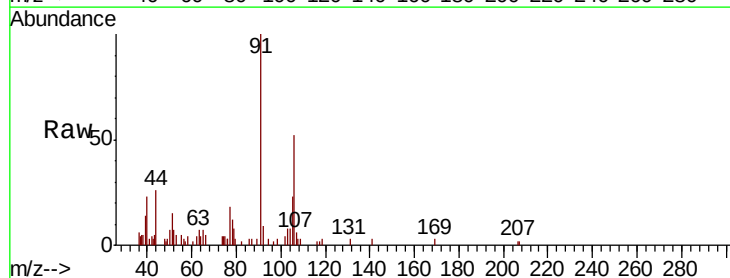
Acq: 08 Nov 2019 17:20

Tgt Ion:106 Resp: 4247

Ion Ratio Lower Upper

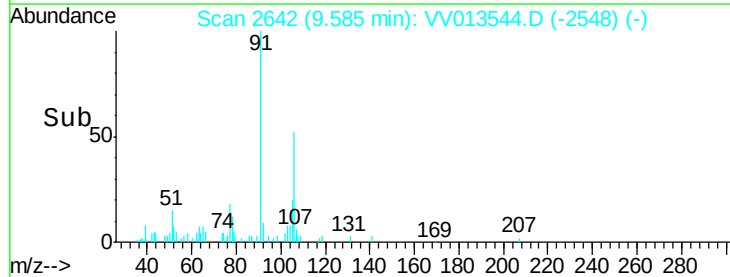
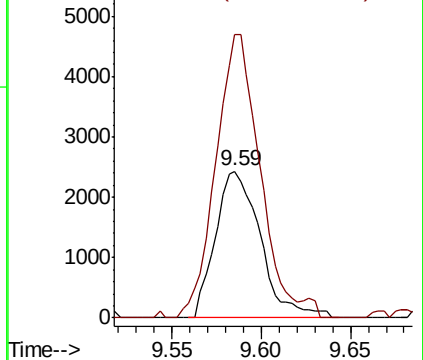
106 100

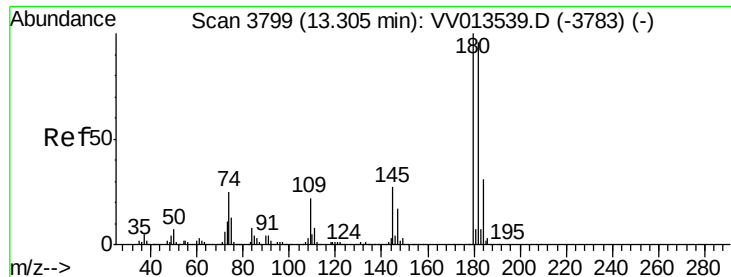
91 193.0 150.8 280.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

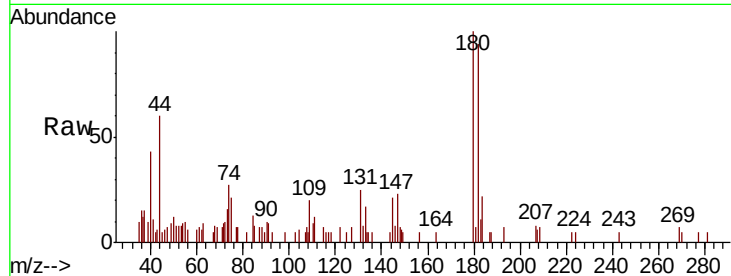




#68
 1,2,4-trichlorobenzene
 Concen: 0.097 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV013544.D
 Acq: 08 Nov 2019 17:20

Instrument :
 MSVOA_V
 ClientSampleId :
 F2J01

Tot Ion:180 Resp: 3677
 Ion Ratio Lower Upper
 180 100
 182 89.5 76.6 115.0
 145 23.7 22.2 33.4



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

