

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031320\
 Data File : VV014903.D
 Acq On : 13 Mar 2020 14:24
 Operator : SY/MD
 Sample : L1840-09MSD
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBES4MSD

Manual Integrations
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Quant Time: Mar 14 06:36:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 14 03:23:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	293443	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	288595	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	135391	50.00	ug/L	0.00

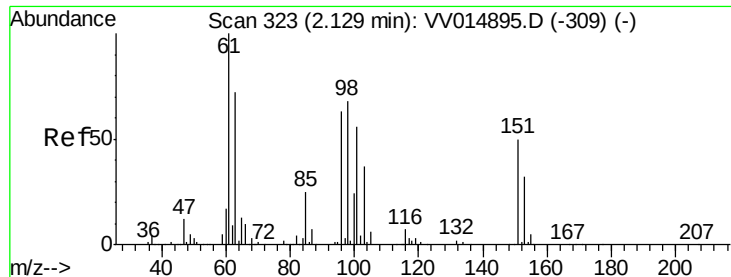
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75003	37.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.54%
7) Chloroethane-d5	1.58	69	60574	38.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.16%
11) 1,1-Dichloroethene-d2	2.12	63	126029	38.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.38%
21) 2-Butanone-d5	3.94	46	101393	68.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	68.46%
24) Chloroform-d	4.38	84	170060	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.46%
26) 1,2-Dichloroethane-d4	5.06	65	115933	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.78%
32) Benzene-d6	5.08	84	347571	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.22%
36) 1,2-Dichloropropane-d6	6.10	67	104980	41.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.12%
41) Toluene-d8	7.34	98	329786	44.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.38%
43) trans-1,3-Dichloropropene-	7.64	79	48583	39.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.80%
47) 2-Hexanone-d5	8.12	63	113740	101.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.43%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	157460	45.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	134426	50.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.18%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	61579	38.630	ug/L	91
13) Acetone	2.21	43	38615m	31.227	ug/L	
33) Benzene	5.13	78	368798	44.111	ug/L	100
34) Trichloroethene	5.94	95	92991	42.560	ug/L	91
42) Toluene	7.41	91	411644	44.629	ug/L	98
51) Chlorobenzene	8.90	112	283664	47.797	ug/L	96

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



#12

1,1-Dichloroethene

Concen: 38.630 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV014903.D

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Instrument :

MSVOA_V

ClientSampleId :

DBES4MSD

Tot Ion: 96 Resp: 61579

Ion Ratio Lower Upper

96 100

61 161.0 118.4 220.0

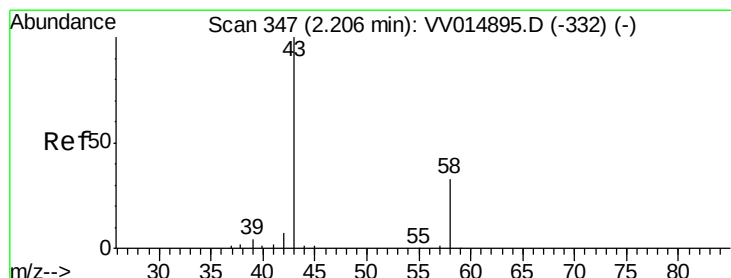
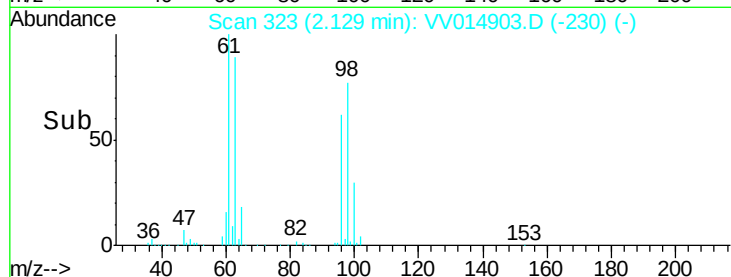
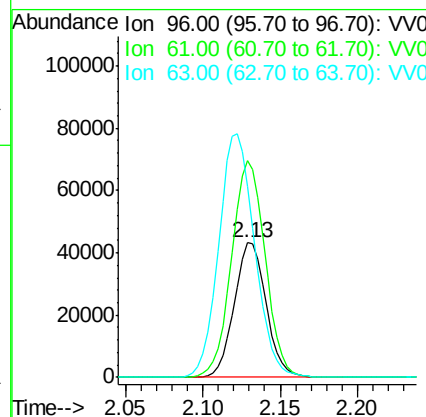
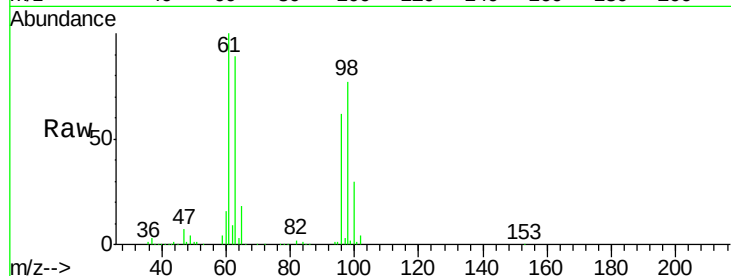
63 142.6 88.4 164.2

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#13

Acetone

Concen: 31.227 ug/L m

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV014903.D

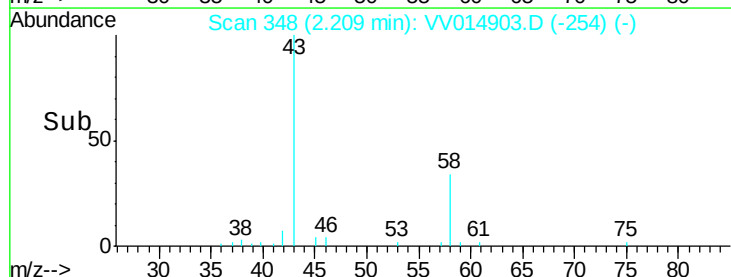
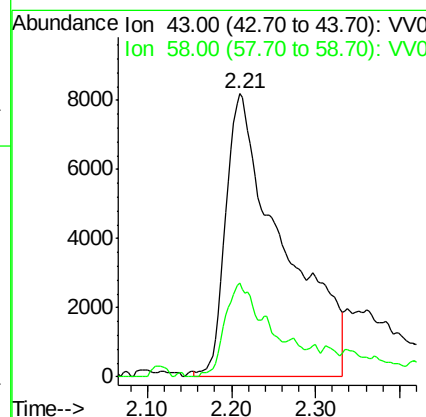
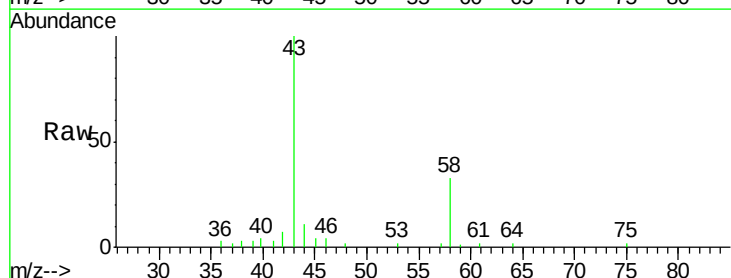
Acq: 13 Mar 2020 14:24

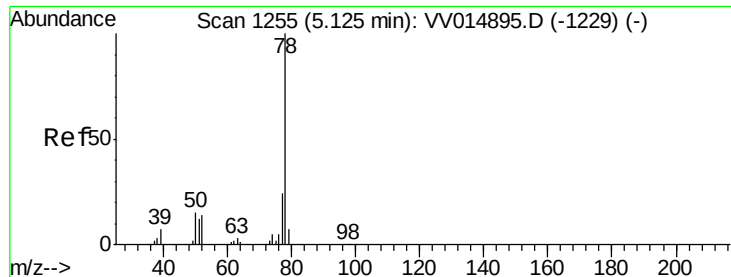
Tgt Ion: 43 Resp: 38615

Ion Ratio Lower Upper

43 100

58 17.4 0.0 62.2





#33

Benzene

Concen: 44.111 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV014903.D

Acq: 13 Mar 2020 14:24

Instrument :

MSVOA_V

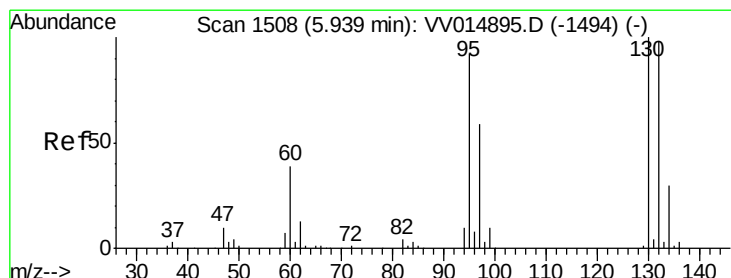
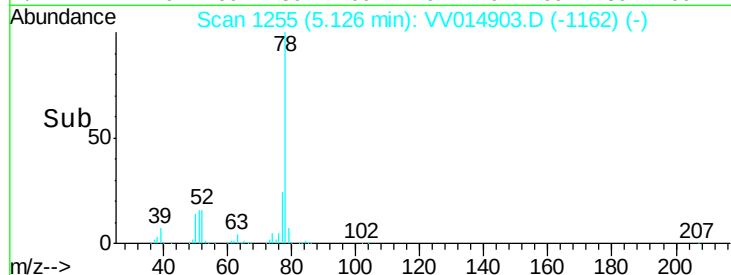
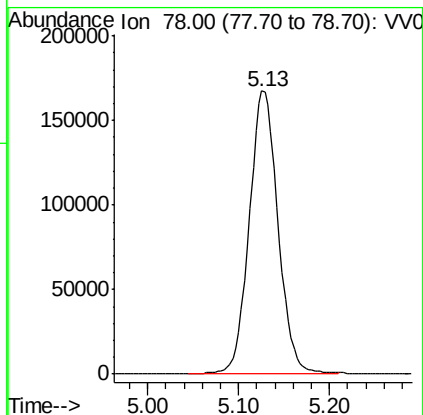
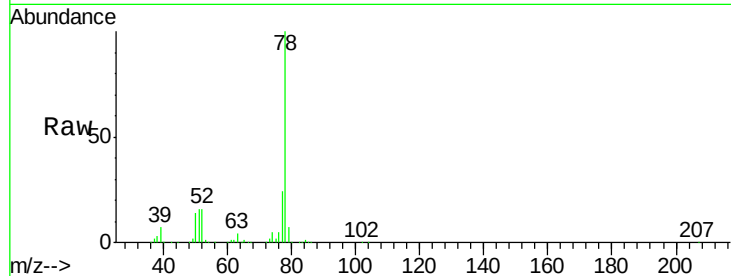
ClientSampleId :

DBES4MSD

Tgt Ion: 78 Resp: 368798

Manual Integrations
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#34

Trichloroethene

Concen: 42.560 ug/L

RT: 5.94 min Scan# 1508

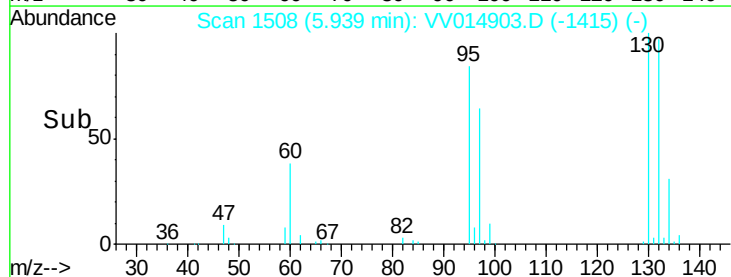
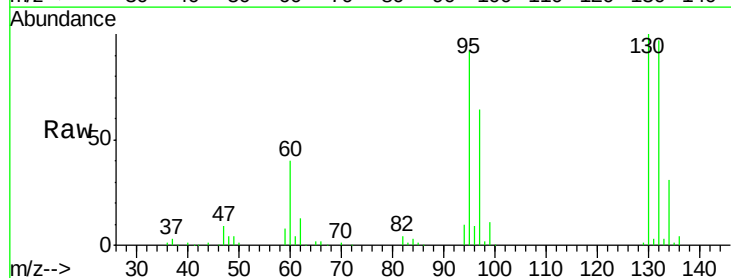
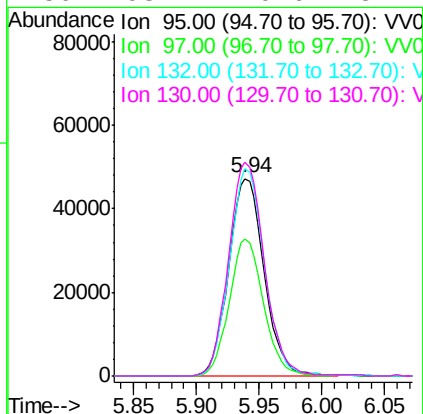
Delta R.T. 0.00 min

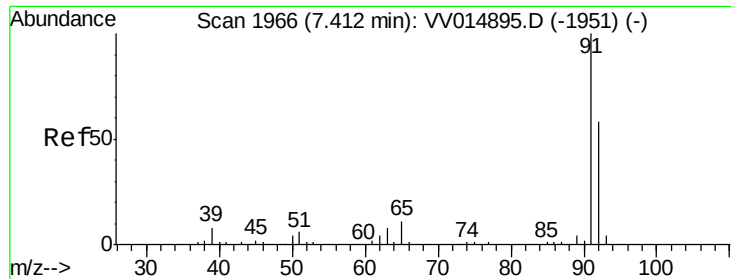
Lab File: VV014903.D

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Tgt Ion: 95 Resp: 92991

Ion	Ratio	Lower	Upper
95	100		
97	69.7	43.8	81.4
132	105.3	65.8	122.2
130	108.4	70.6	131.2





#42

Toluene

Concen: 44.629 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV014903.D

Acq: 13 Mar 2020 14:24

Instrument :

MSVOA_V

ClientSampleId :

DBES4MSD

Tot Ion: 91 Resp: 411644

Ion Ratio Lower Upper

91 100

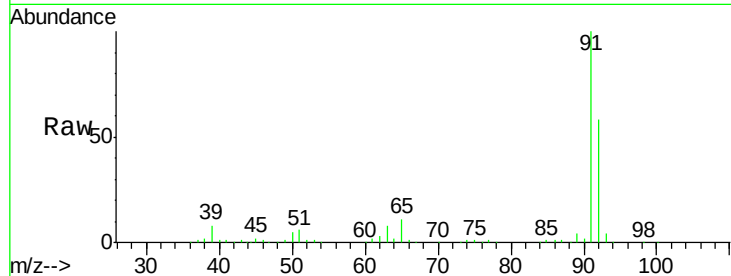
92 58.5 40.1 74.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VV014895.D (-1951) (-)

Ion 92.00 (91.70 to 92.70): VV014895.D (-1951) (-)

7.41

250000

200000

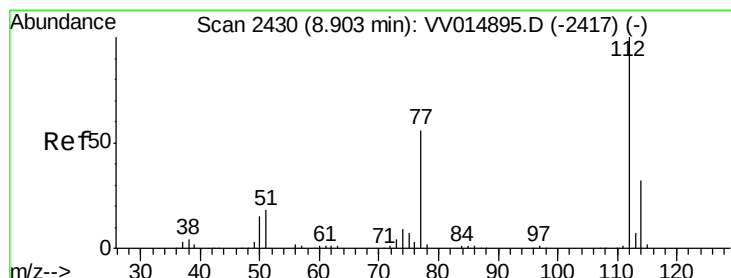
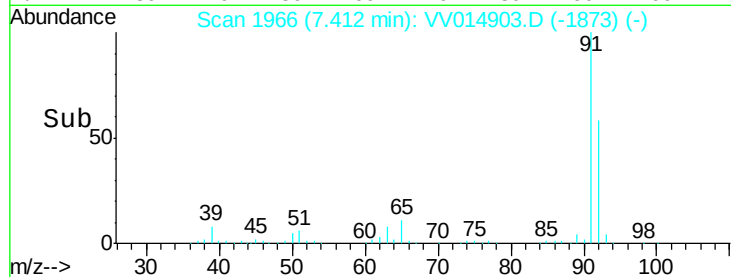
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 47.797 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV014903.D

Acq: 13 Mar 2020 14:24

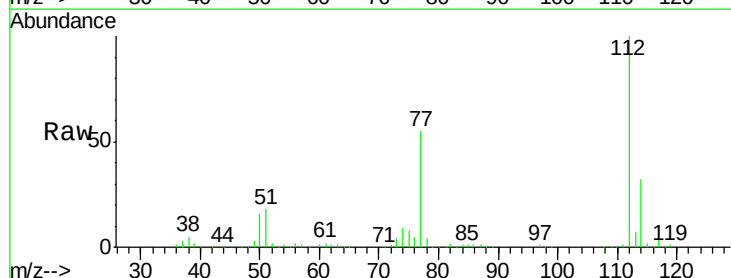
Tgt Ion: 112 Resp: 283664

Ion Ratio Lower Upper

112 100

114 32.0 22.1 41.1

77 55.2 47.8 71.8



Abundance Ion 112.00 (111.70 to 112.70): VV014895.D (-2417) (-)

Ion 114.00 (113.70 to 114.70): VV014895.D (-2417) (-)

Ion 77.00 (76.70 to 77.70): VV014895.D (-2417) (-)

8.90

200000

150000

100000

50000

0

Time-->

