

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031320\
 Data File : VV014902.D
 Acq On : 13 Mar 2020 14:00
 Operator : SY/MD
 Sample : L1840-08MS
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBES4MS

Quant Time: Mar 14 03:25:45 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	389506	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	380557	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	185335	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97863	37.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.26%
7) Chloroethane-d5	1.58	69	78591	37.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.42%
11) 1,1-Dichloroethene-d2	2.12	63	167462	38.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.46%
21) 2-Butanone-d5	3.93	46	149683	76.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.14%
24) Chloroform-d	4.38	84	219311	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
26) 1,2-Dichloroethane-d4	5.06	65	148687	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.72%
32) Benzene-d6	5.08	84	447758	44.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.12%
36) 1,2-Dichloropropane-d6	6.10	67	136508	40.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.98%
41) Toluene-d8	7.34	98	428113	43.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.64	79	63694	39.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.34%
47) 2-Hexanone-d5	8.12	63	124724	84.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.35%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	190367	41.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.10%
64) 1,2-Dichlorobenzene-d4	11.65	152	178180	48.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.02%

Target Compounds

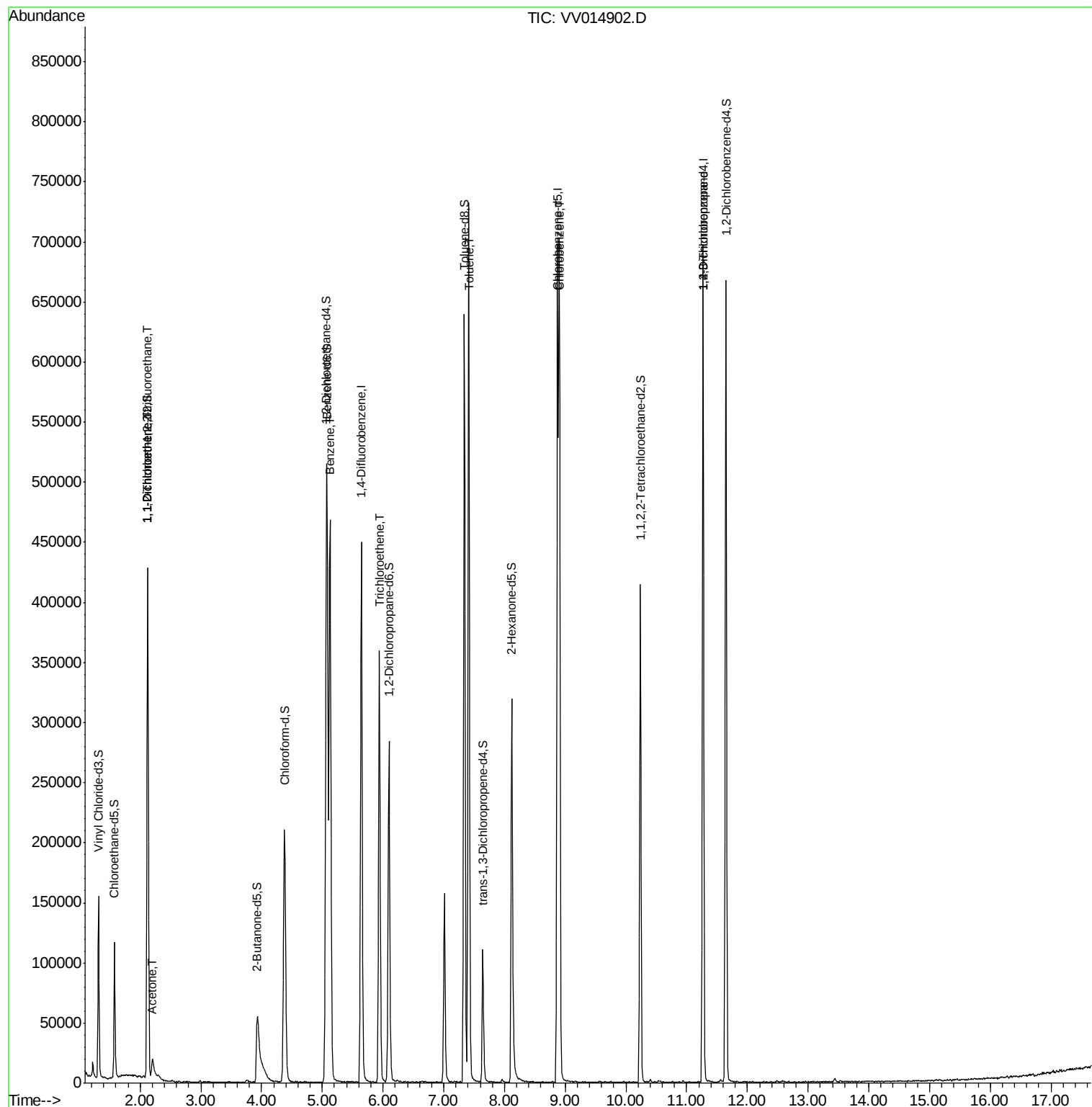
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1428	0.660 ug/L	# 16
12) 1,1-Dichloroethene	2.13	96	81512	38.523 ug/L	95
13) Acetone	2.20	43	32091	19.551 ug/L	90
33) Benzene	5.13	78	480580	43.590 ug/L	100
34) Trichloroethene	5.94	95	124035	43.050 ug/L	95
42) Toluene	7.41	91	535984	44.067 ug/L	98
51) Chlorobenzene	8.90	112	370781	47.379 ug/L	96
59) 1,2,3-Trichloropropane	11.27	75	18843	4.952 ug/L	93

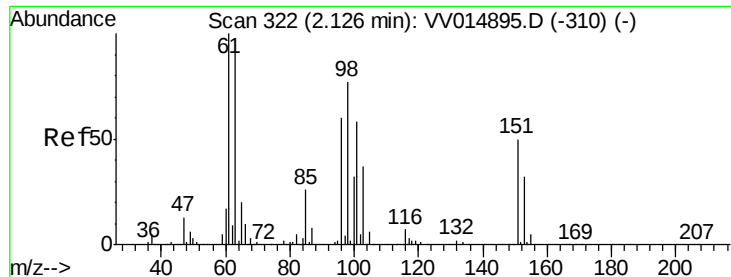
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.660 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV014902.D

Acq: 13 Mar 2020 14:00

Instrument :

MSVOA_V

ClientSampleId :

DBES4MS

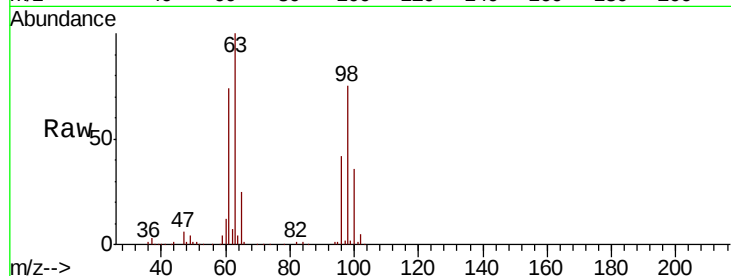
Tot Ion:101 Resp: 1428

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

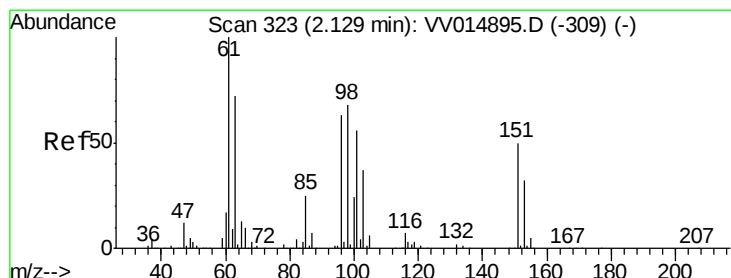
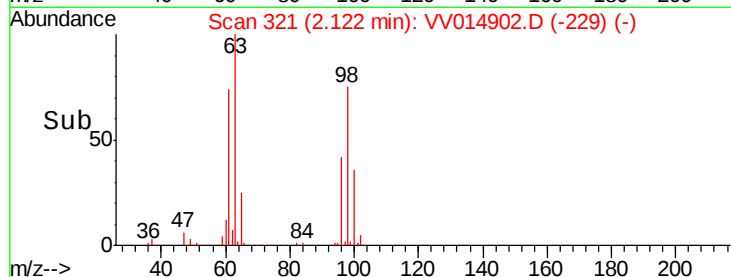
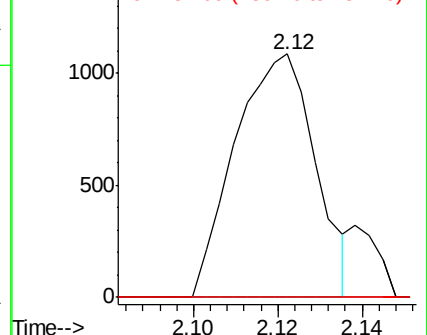
151 0.0 66.4 99.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 38.523 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV014902.D

Acq: 13 Mar 2020 14:00

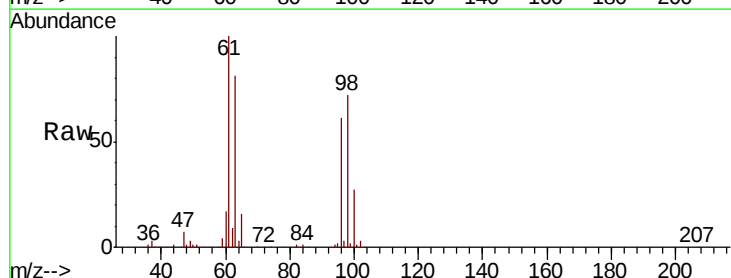
Tgt Ion: 96 Resp: 81512

Ion Ratio Lower Upper

96 100

61 165.1 118.4 220.0

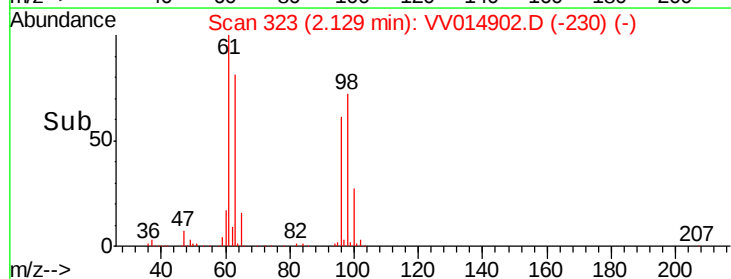
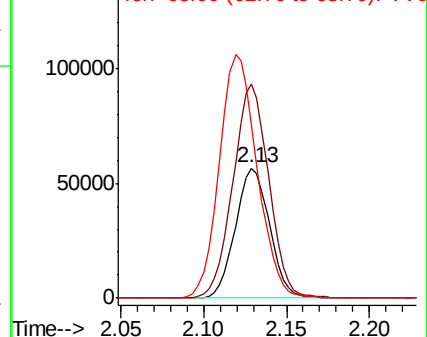
63 133.7 88.4 164.2

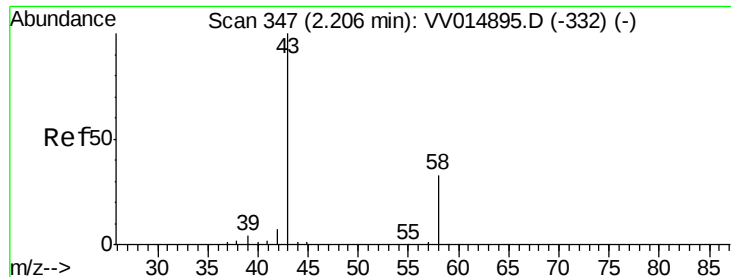


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 19.551 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.01 min

Lab File: VV014902.D

Acq: 13 Mar 2020 14:00

Instrument :

MSVOA_V

ClientSampleId :

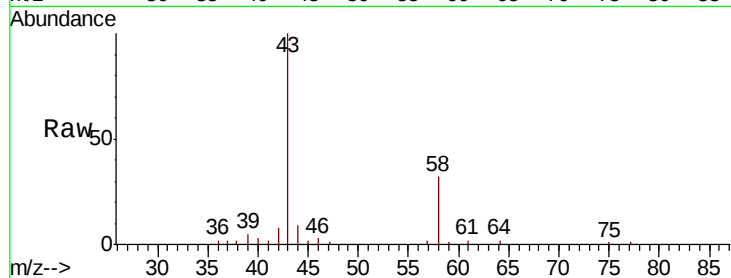
DBES4MS

Tot Ion: 43 Resp: 32091

Ion Ratio Lower Upper

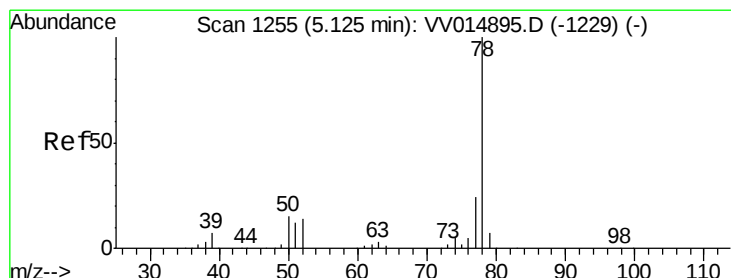
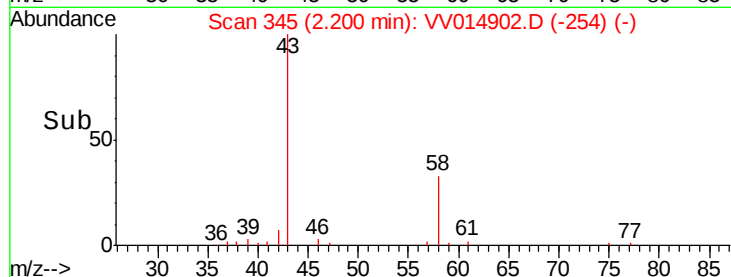
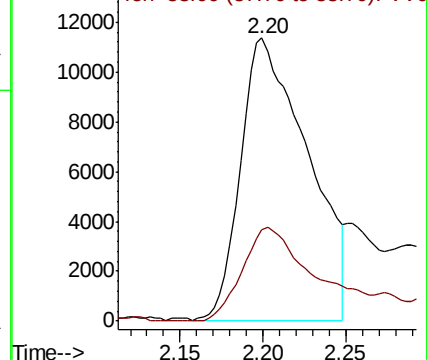
43 100

58 36.5 0.0 62.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#33

Benzene

Concen: 43.590 ug/L

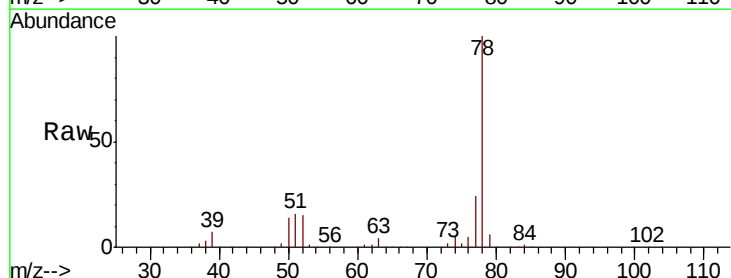
RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

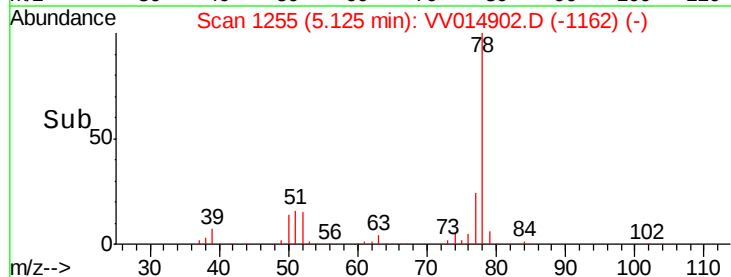
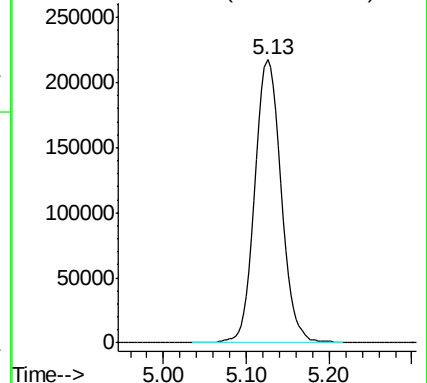
Lab File: VV014902.D

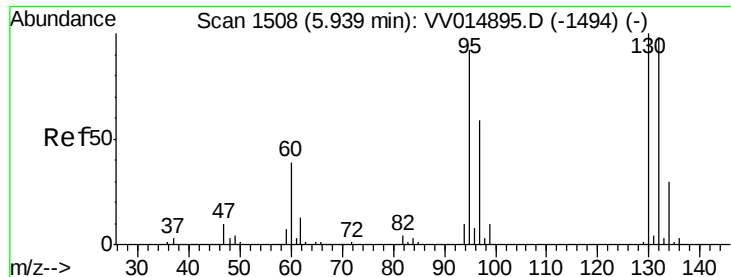
Acq: 13 Mar 2020 14:00

Tgt Ion: 78 Resp: 480580



Abundance Ion 78.00 (77.70 to 78.70): VV0

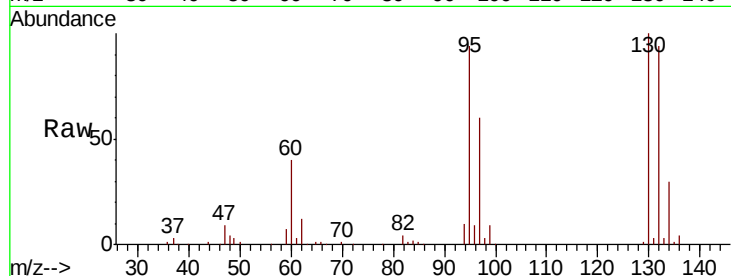




#34
 Trichloroethene
 Concen: 43.050 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: VV014902.D
 Acq: 13 Mar 2020 14:00

Instrument :
 MSVOA_V
 ClientSampleId :
 DBES4MS

Tot Ion	95	Resp	124035
Ion	Ratio	Lower	Upper
95	100		
97	64.7	43.8	81.4
132	100.3	65.8	122.2
130	106.9	70.6	131.2



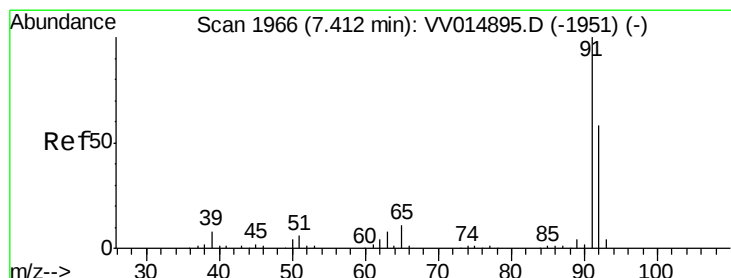
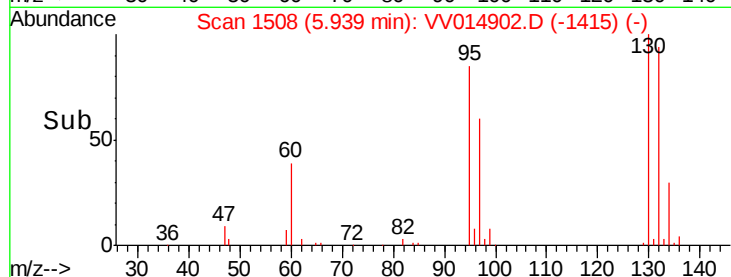
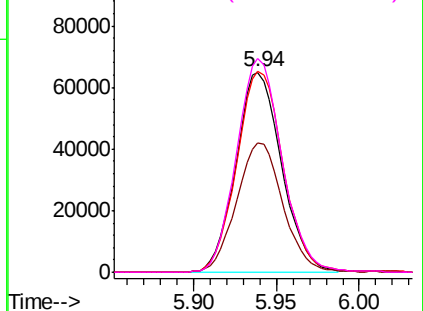
Abundance

Ion 95.00 (94.70 to 95.70): VV014895.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV014895.D (-1494) (-)

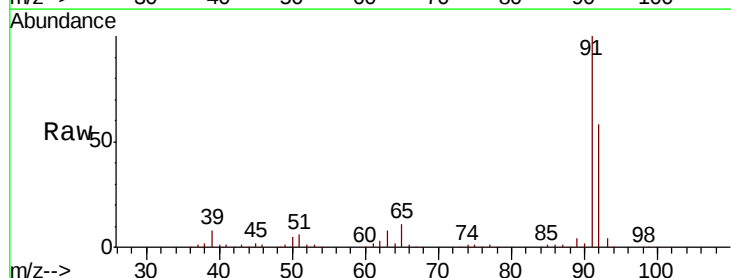
Ion 132.00 (131.70 to 132.70): VV014895.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV014895.D (-1494) (-)



#42
 Toluene
 Concen: 44.067 ug/L
 RT: 7.41 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: VV014902.D
 Acq: 13 Mar 2020 14:00

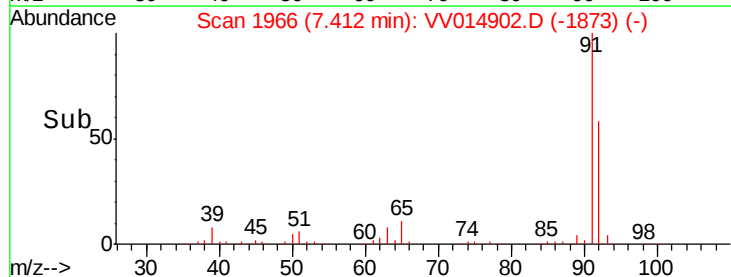
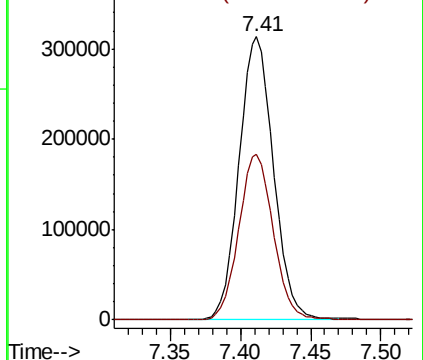
Tgt Ion	91	Resp	535984
Ion	Ratio	Lower	Upper
91	100		
92	58.5	40.1	74.5

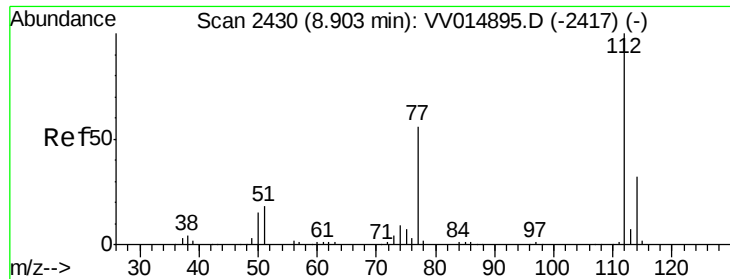


Abundance

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

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





#51

Chlorobenzene

Concen: 47.379 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV014902.D

Acq: 13 Mar 2020 14:00

Instrument :

MSVOA_V

ClientSampleId :

DBES4MS

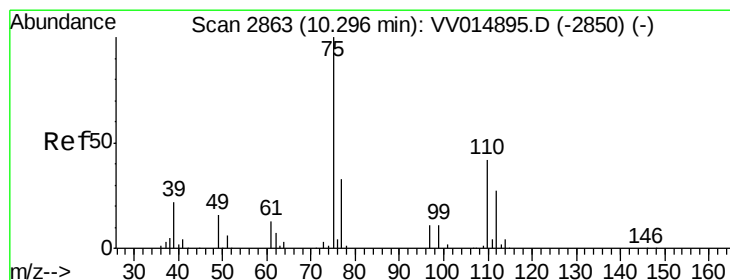
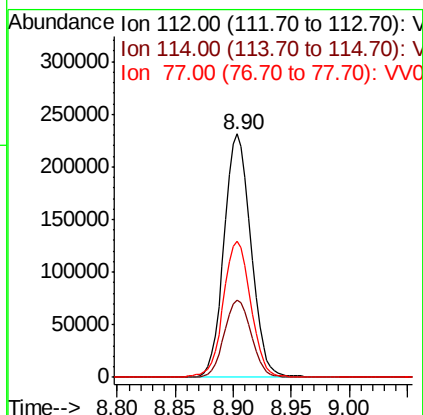
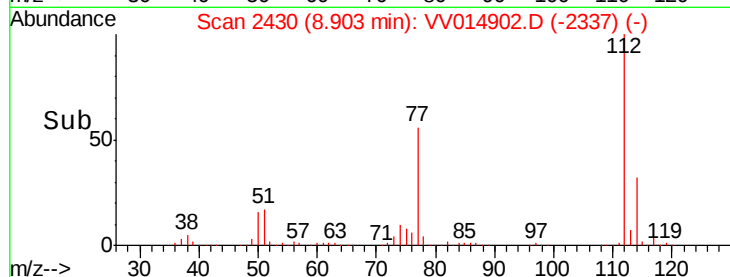
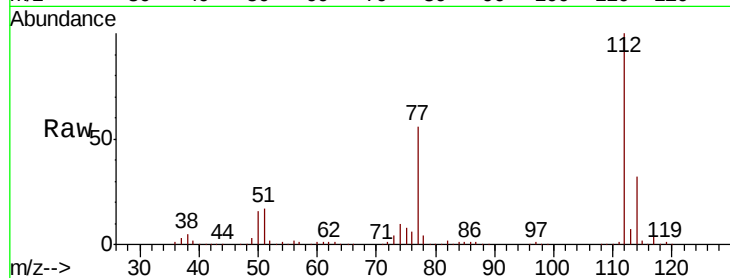
Tot Ion:112 Resp: 370781

Ion Ratio Lower Upper

112 100

114 31.7 22.1 41.1

77 55.7 47.8 71.8



#59

1,2,3-Trichloropropane

Concen: 4.952 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV014902.D

Acq: 13 Mar 2020 14:00

Tgt Ion: 75 Resp: 18843

Ion Ratio Lower Upper

75 100

77 36.0 25.6 38.4

