

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

Quant Time: Mar 14 03:25:53 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

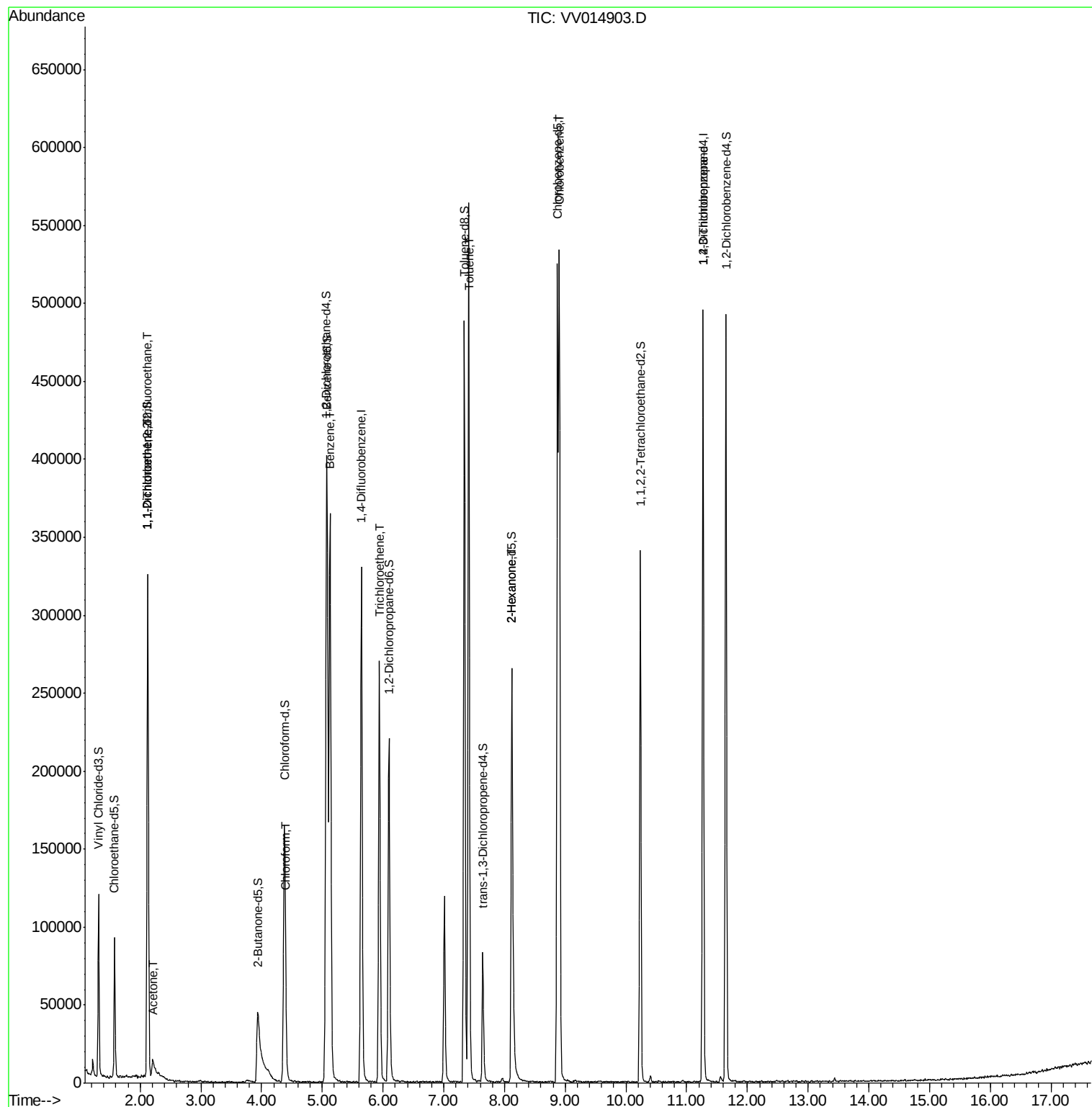
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1144	0.702	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	61579	38.630	ug/L	91
13) Acetone	2.21	43	21015	16.995	ug/L	98
25) Chloroform	4.41	83	4172	1.047	ug/L	88
33) Benzene	5.13	78	368798	44.111	ug/L	100
34) Trichloroethene	5.94	95	92991	42.560	ug/L	91
42) Toluene	7.41	91	411644	44.629	ug/L	98
48) 2-Hexanone	8.12	43	12728	4.943	ug/L #	79
51) Chlorobenzene	8.90	112	283664	47.797	ug/L	96
59) 1,2,3-Trichloropropane	11.27	75	13432	4.655	ug/L #	86

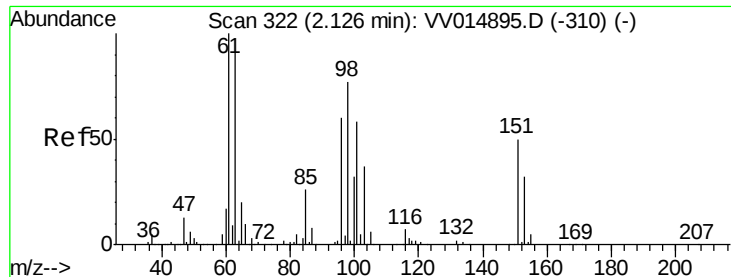
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\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

Quant Time: Mar 14 03:25:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 14 03:23:14 2020
Response via : Initial Calibration





#10

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

Concen: 0.702 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV014903.D

Acq: 13 Mar 2020 14:24

Instrument :

MSVOA_V

ClientSampleId :

DBES4MSD

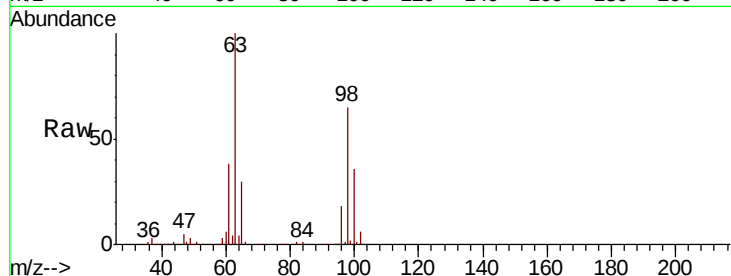
Tot Ion:101 Resp: 1144

Ion Ratio Lower Upper

101 100

85 7.5 35.0 52.6#

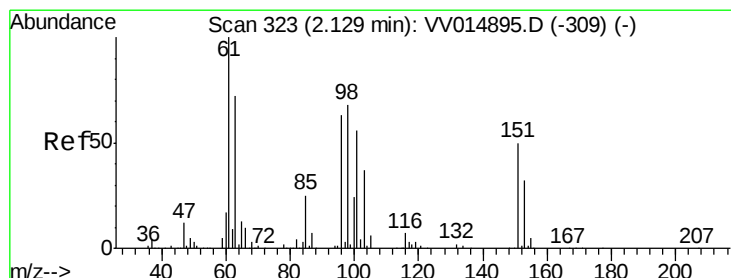
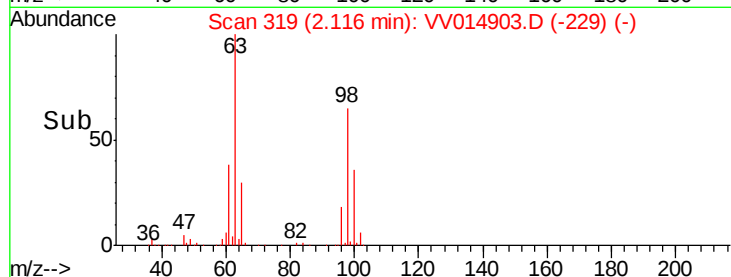
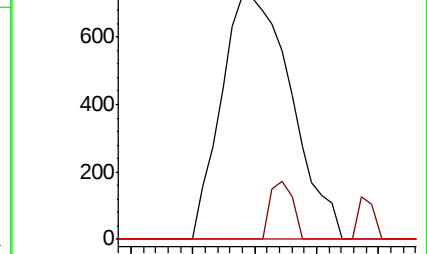
151 0.0 66.4 99.6#



Abundance Ion 101.00 (100.70 to 101.70): VV014895.D (-310) (-)

Ion 85.00 (84.70 to 85.70): VV014895.D (-310) (-)

Ion 151.00 (150.70 to 151.70): VV014895.D (-310) (-)



#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

Acq: 13 Mar 2020 14:24

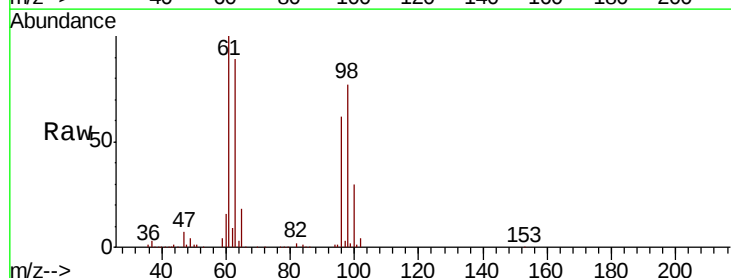
Tgt Ion: 96 Resp: 61579

Ion Ratio Lower Upper

96 100

61 161.0 118.4 220.0

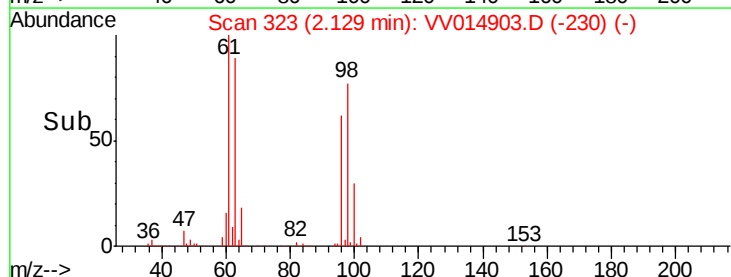
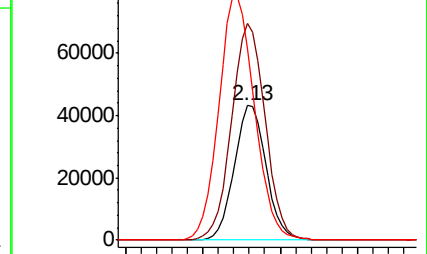
63 142.6 88.4 164.2

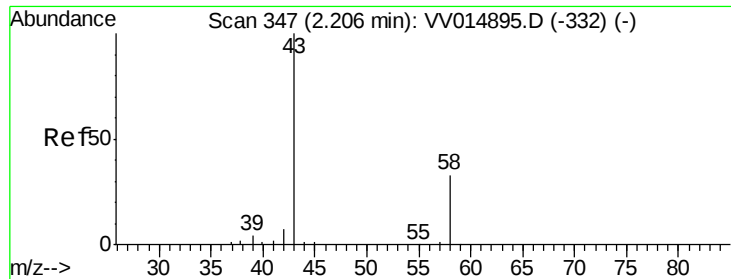


Abundance Ion 96.00 (95.70 to 96.70): VV014895.D (-309) (-)

Ion 61.00 (60.70 to 61.70): VV014895.D (-309) (-)

Ion 63.00 (62.70 to 63.70): VV014895.D (-309) (-)





#13

Acetone

Concen: 16.995 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV014903.D

Acq: 13 Mar 2020 14:24

Instrument :

MSVOA_V

ClientSampleId :

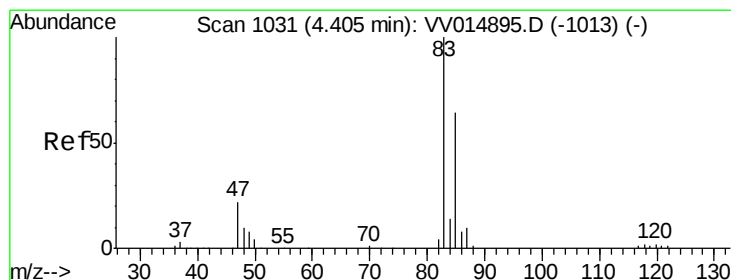
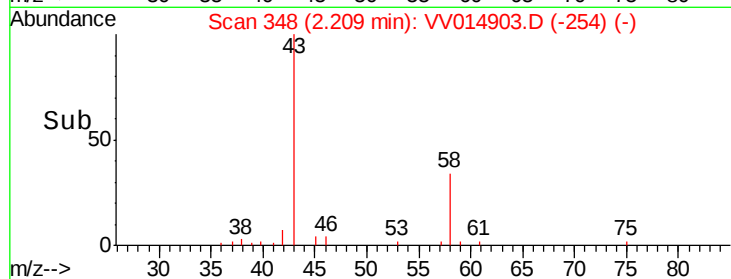
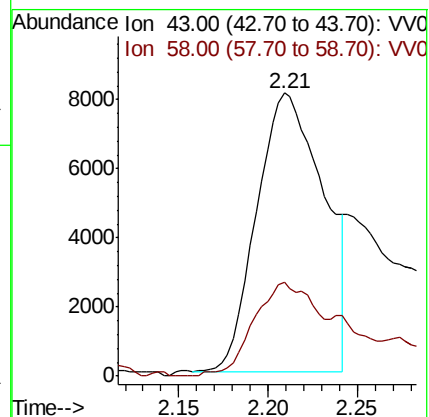
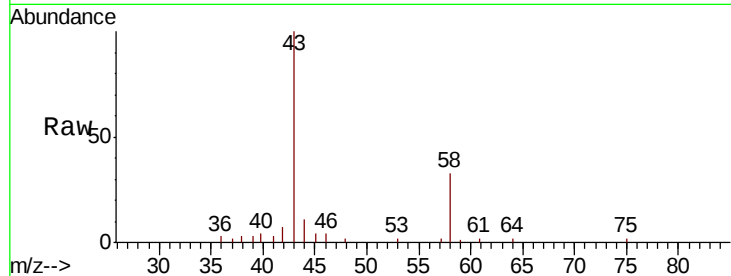
DBES4MSD

Tot Ion: 43 Resp: 21015

Ion Ratio Lower Upper

43 100

58 32.0 0.0 62.2



#25

Chloroform

Concen: 1.047 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV014903.D

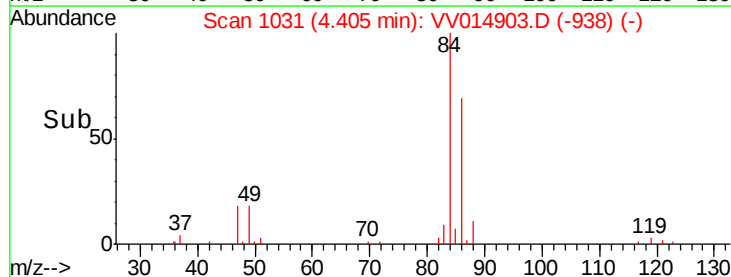
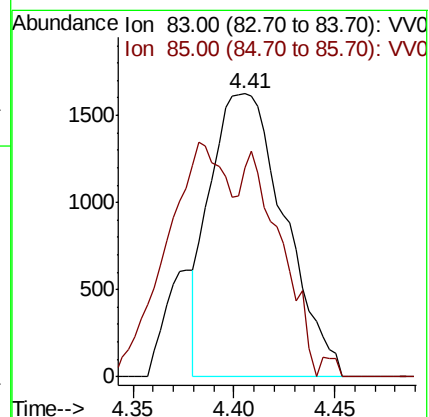
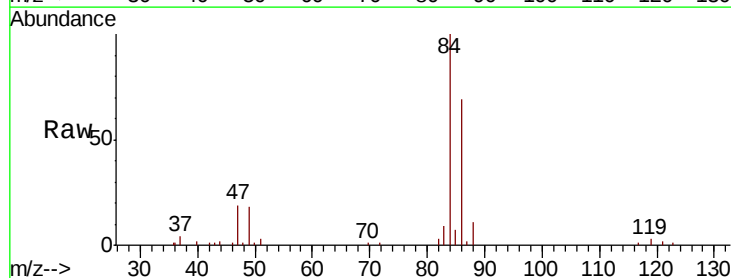
Acq: 13 Mar 2020 14:24

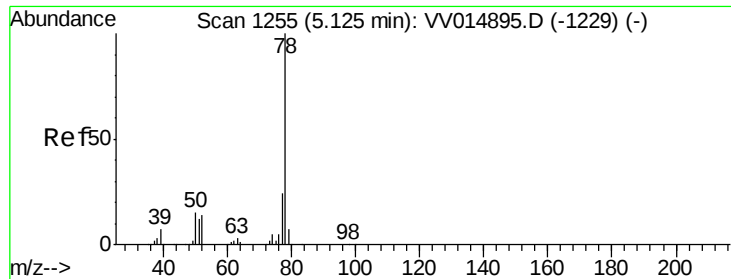
Tgt Ion: 83 Resp: 4172

Ion Ratio Lower Upper

83 100

85 74.1 45.1 83.9

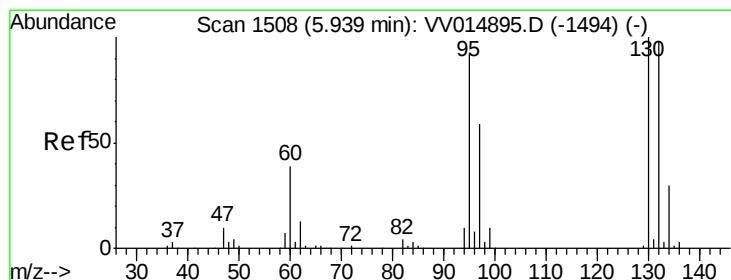
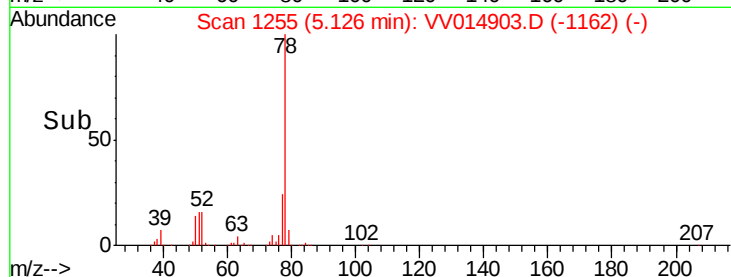
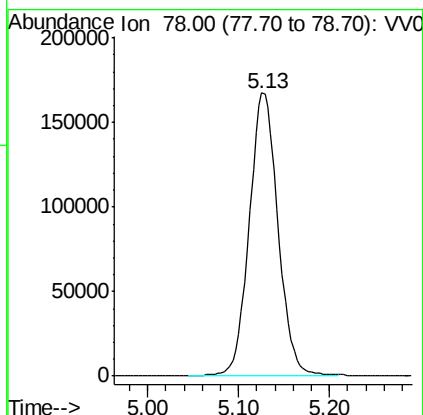
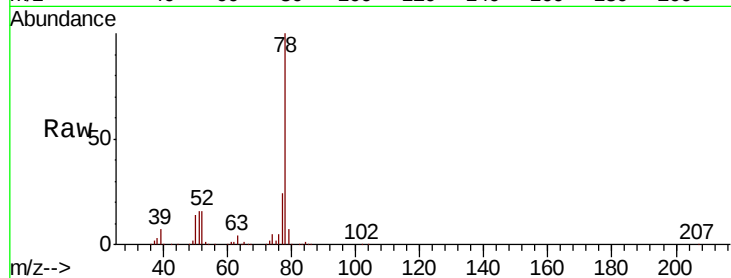




#33
Benzene
Concen: 44.111 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV014903.D
Acq: 13 Mar 2020 14:24

Instrument :
MSVOA_V
ClientSampleId :
DBES4MSD

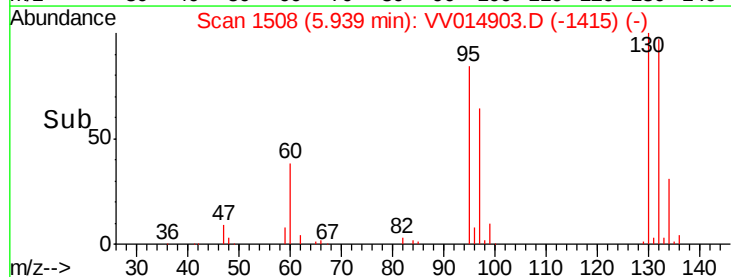
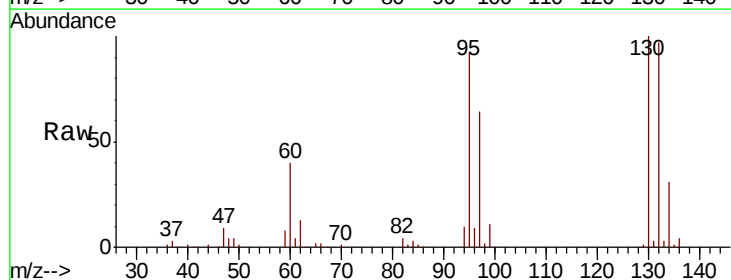
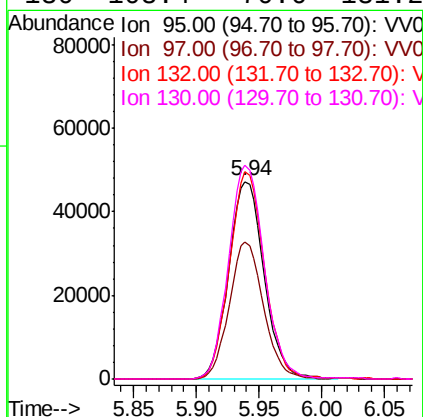
Tgt Ion: 78 Resp: 368798

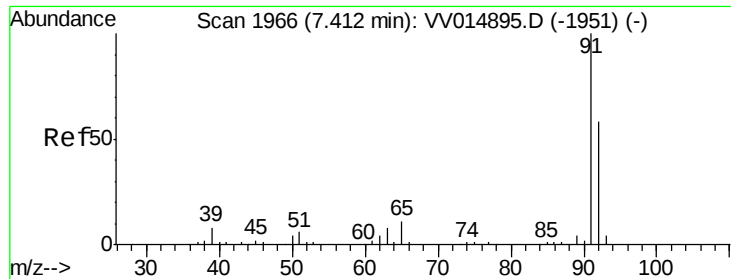


#34
Trichloroethene
Concen: 42.560 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV014903.D
Acq: 13 Mar 2020 14:24

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

ClientSampled :

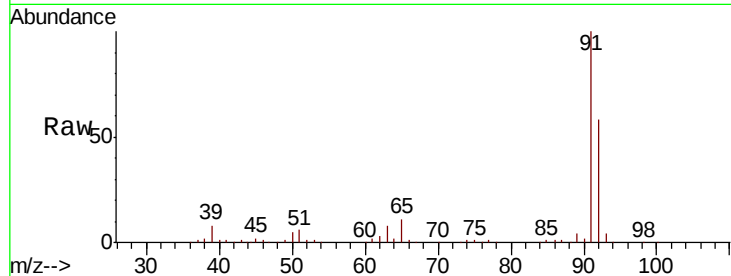
DBES4MSD

Tot Ion: 91 Resp: 411644

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) (-)

7.41

250000

200000

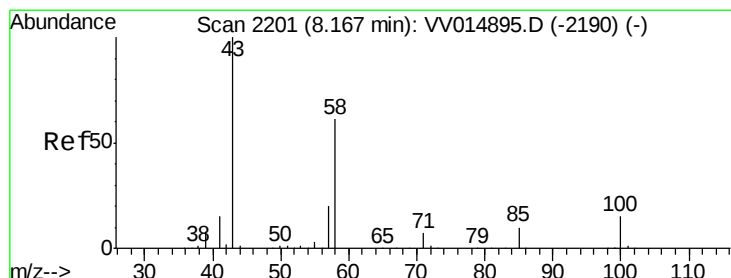
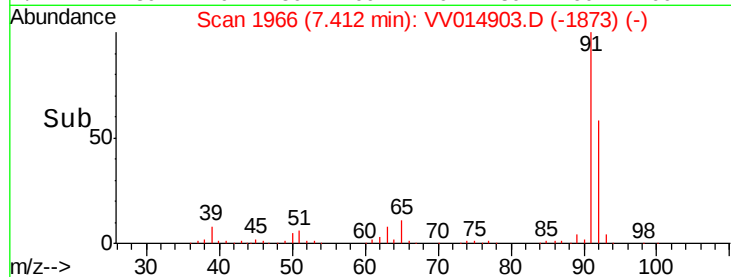
150000

100000

50000

0

Time-->



#48

2-Hexanone

Concen: 4.943 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

Lab File: VV014903.D

Acq: 13 Mar 2020 14:24

Tgt Ion: 43 Resp: 12728

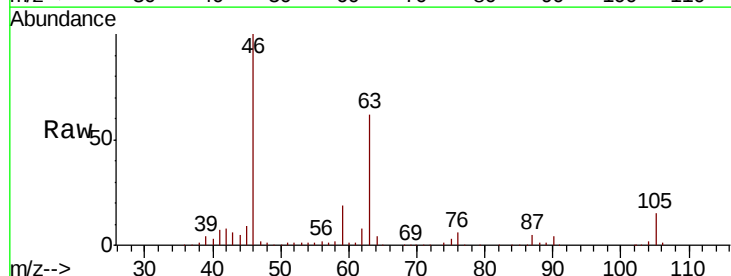
Ion Ratio Lower Upper

43 100

58 37.6 43.3 64.9#

57 13.0 15.6 23.4#

100 0.9 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VV014895.D (-2190) (-)

Ion 58.00 (57.70 to 58.70): VV014895.D (-2190) (-)

Ion 57.00 (56.70 to 57.70): VV014895.D (-2190) (-)

Ion 100.00 (99.70 to 100.70): VV014895.D (-2190) (-)

8000

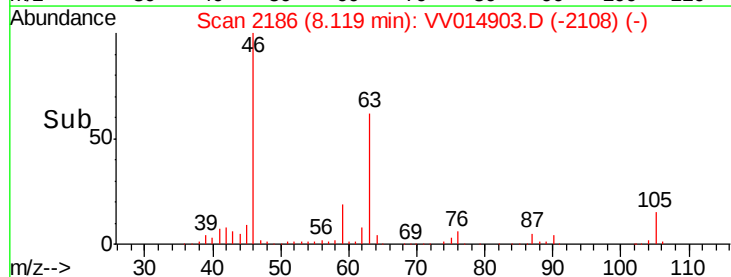
6000

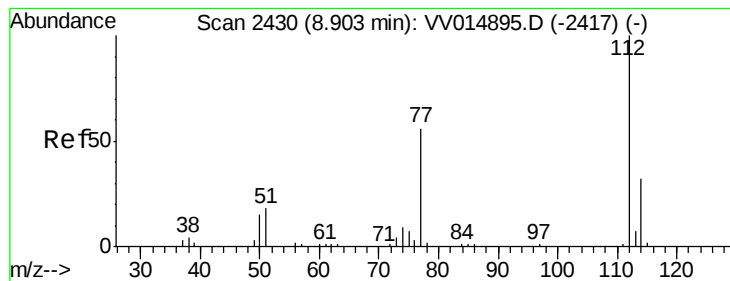
4000

2000

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

Instrument :

MSVOA_V

ClientSampleId :

DBES4MSD

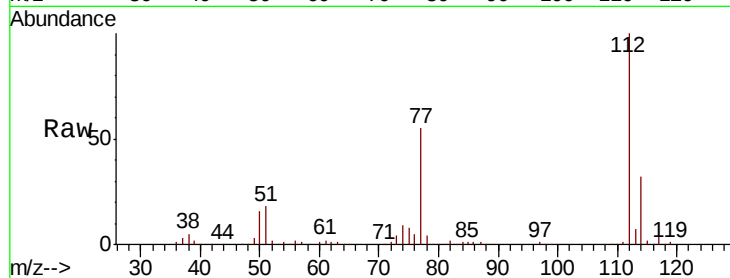
Tot Ion:112 Resp: 283664

Ion Ratio Lower Upper

112 100

114 32.0 22.1 41.1

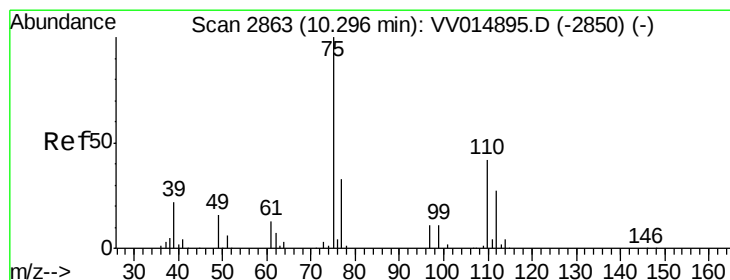
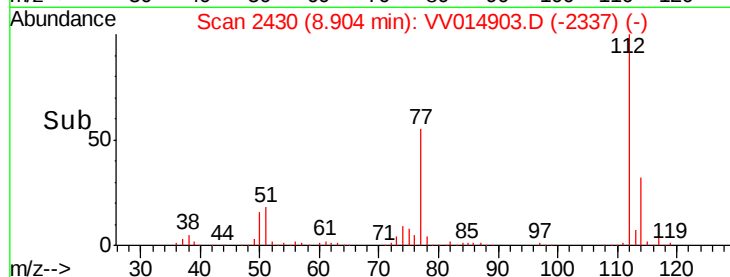
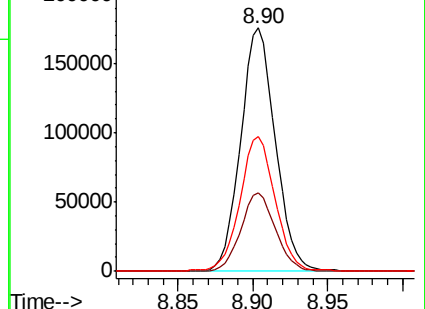
77 55.2 47.8 71.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#59

1,2,3-Trichloropropane

Concen: 4.655 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV014903.D

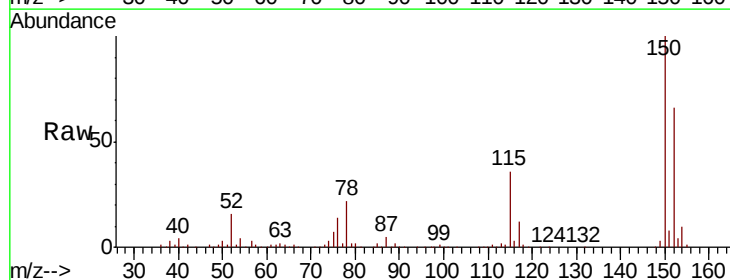
Acq: 13 Mar 2020 14:24

Tgt Ion: 75 Resp: 13432

Ion Ratio Lower Upper

75 100

77 39.9 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

