

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
 Data File : VV014793.D
 Acq On : 10 Mar 2020 11:19
 Operator : SY/MD
 Sample : L1834-06DL 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 11 01:59:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 11 01:57:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	399281	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	386594	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	185064	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	111294	41.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.38%
7) Chloroethane-d5	1.58	69	91799	42.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.94%
11) 1,1-Dichloroethene-d2	2.12	63	146711	32.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.36%
21) 2-Butanone-d5	3.94	46	191857	95.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.20%
24) Chloroform-d	4.38	84	235788	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.16%
26) 1,2-Dichloroethane-d4	5.06	65	161743	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.08%
32) Benzene-d6	5.08	84	492222	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
36) 1,2-Dichloropropane-d6	6.10	67	154562	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.36%
41) Toluene-d8	7.34	98	461328	46.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.28%
43) trans-1,3-Dichloropropene-	7.64	79	70936	42.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.88%
47) 2-Hexanone-d5	8.12	63	148673	98.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.97%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	217068	46.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	186736	50.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.82%

Target Compounds

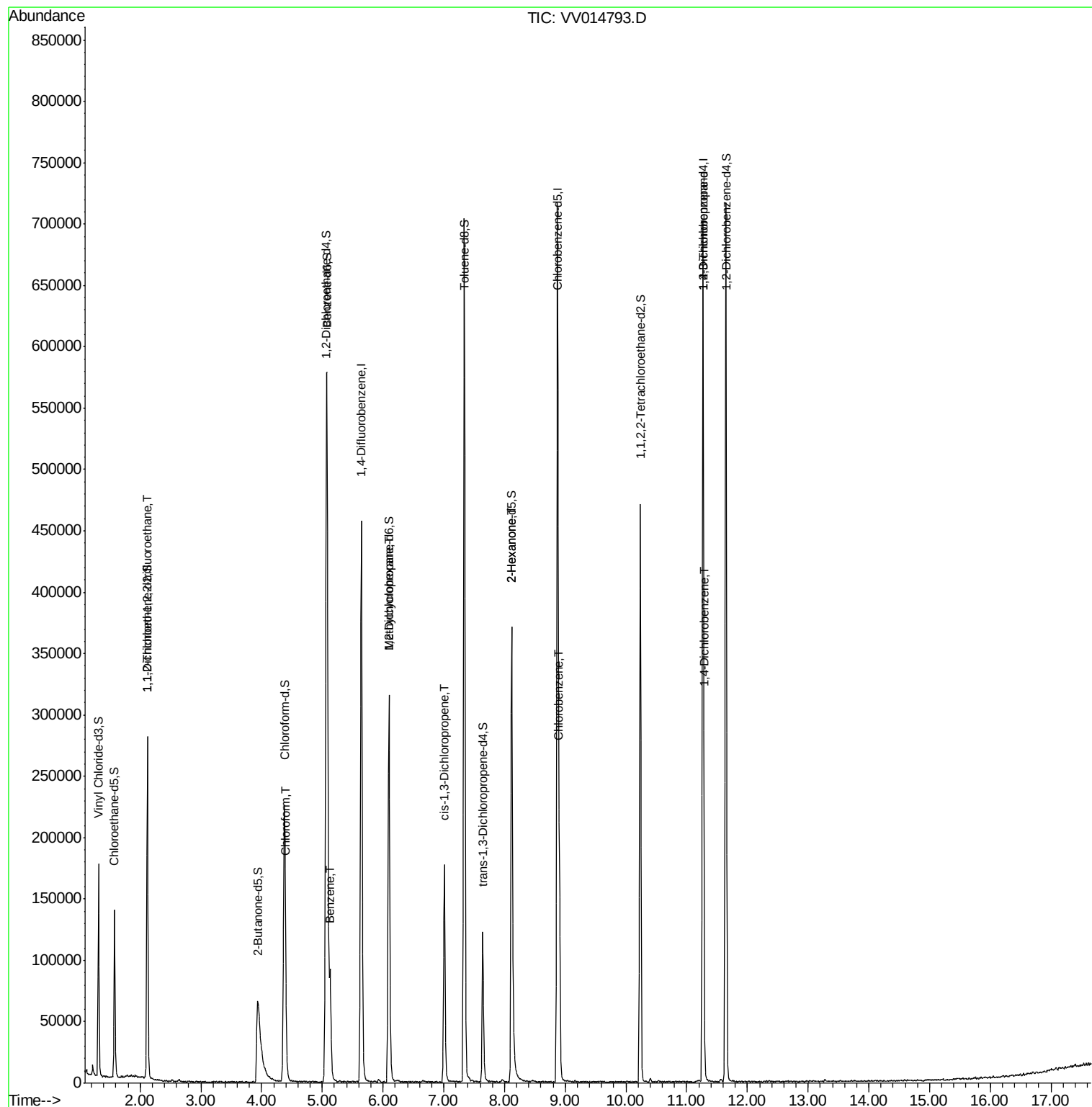
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1449	0.654 ug/L #	19
25) Chloroform	4.40	83	4342	0.801 ug/L	93
33) Benzene	5.13	78	89029	7.949 ug/L	100
35) Methylcyclohexane	6.10	83	38123	7.891 ug/L #	18
39) cis-1,3-Dichloropropene	7.01	75	4388	0.925 ug/L #	66
48) 2-Hexanone	8.12	43	17068	4.948 ug/L #	79
51) Chlorobenzene	8.90	112	96580	12.148 ug/L	98
59) 1,2,3-Trichloropropane	11.27	75	22161	5.734 ug/L	97
63) 1,4-Dichlorobenzene	11.29	146	7432	1.233 ug/L	96

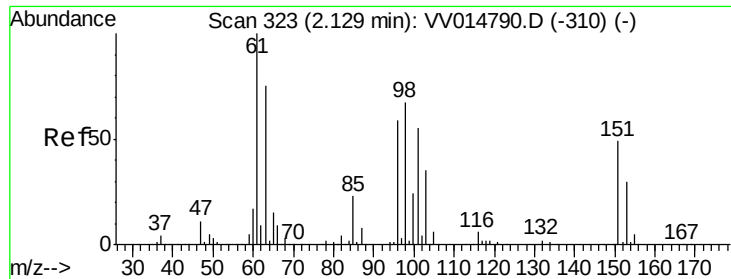
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Mar 11 01:57:25 2020
Response via : Initial Calibration





#10

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

Concen: 0.654 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV014793.D

Acq: 10 Mar 2020 11:19

Instrument :

MSVOA_V

ClientSampled :

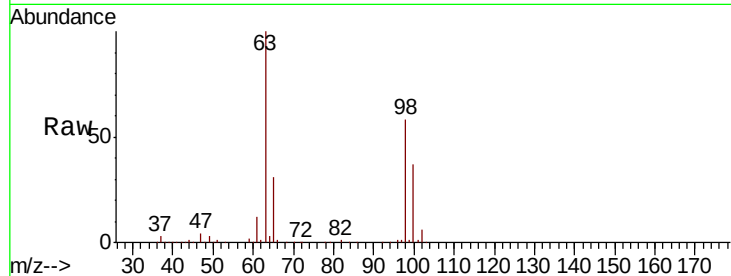
Tot Ion:101 Resp: 1449

Ion Ratio Lower Upper

101 100

85 5.1 35.0 52.6#

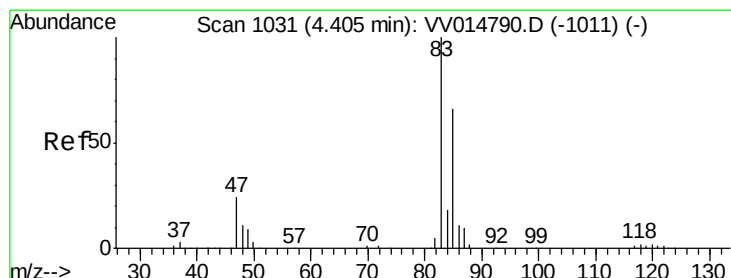
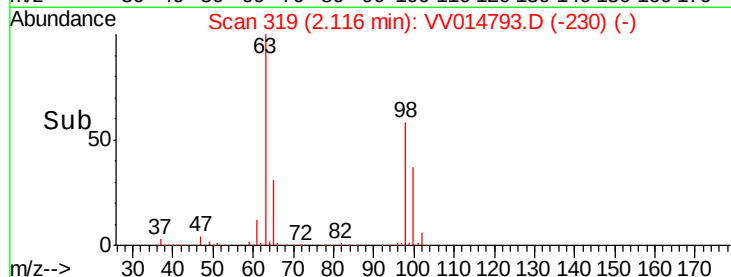
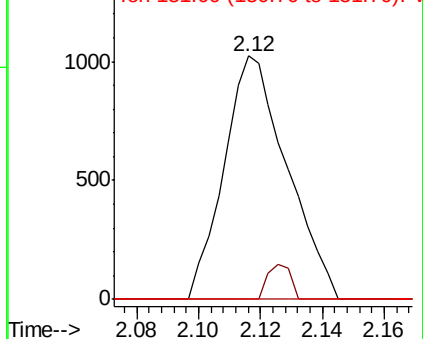
151 0.0 66.4 99.6#



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



#25

Chloroform

Concen: 0.801 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VV014793.D

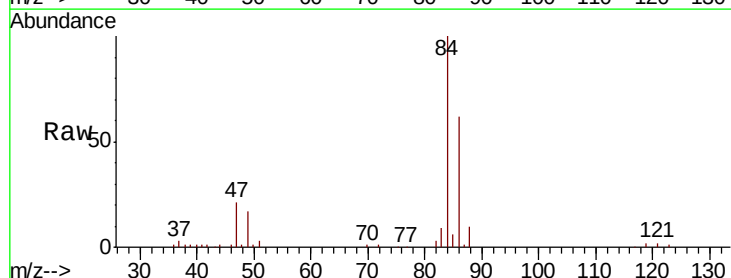
Acq: 10 Mar 2020 11:19

Tgt Ion: 83 Resp: 4342

Ion Ratio Lower Upper

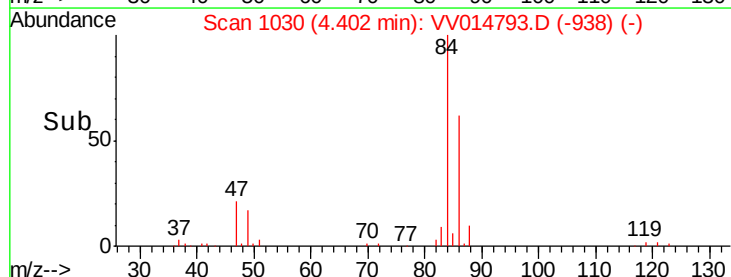
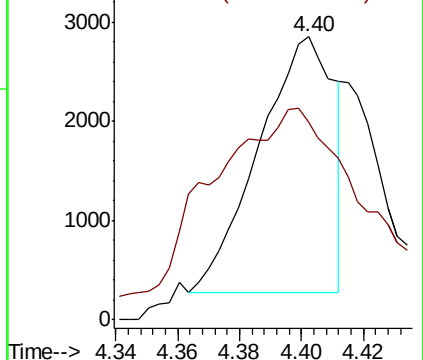
83 100

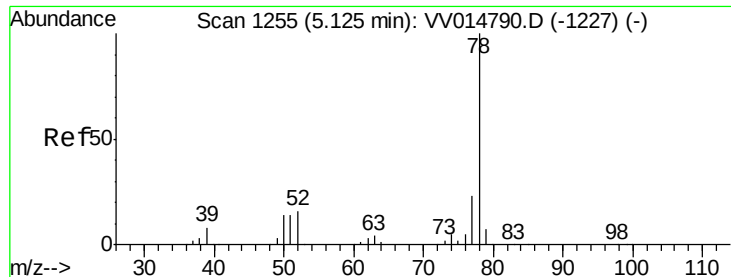
85 69.6 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

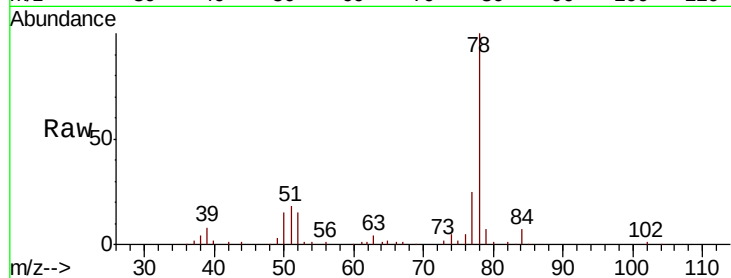




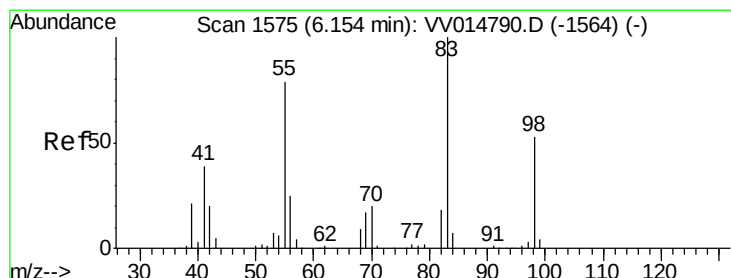
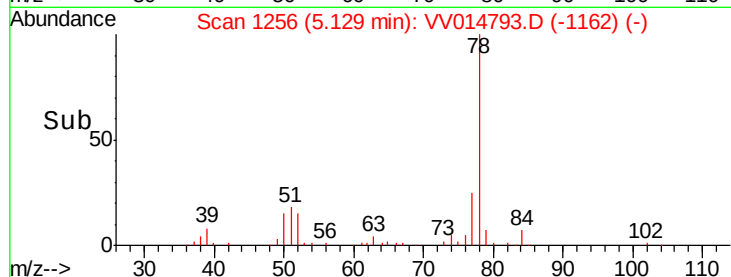
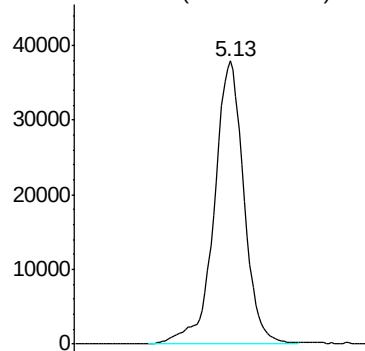
#33
Benzene
Concen: 7.949 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VV014793.D
Acq: 10 Mar 2020 11:19

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 78 Resp: 89029

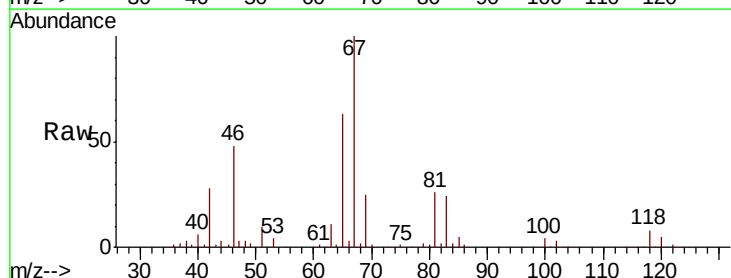


Abundance Ion 78.00 (77.70 to 78.70): VV0



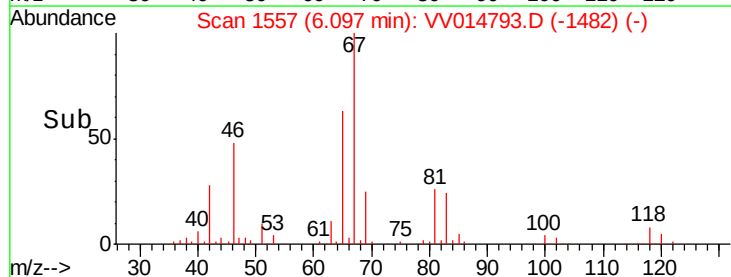
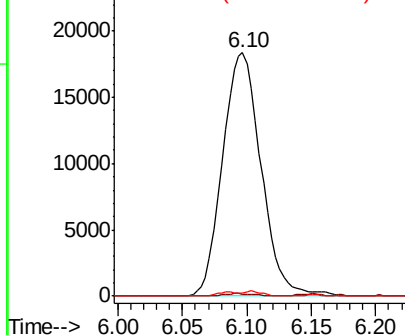
#35
Methylcyclohexane
Concen: 7.891 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV014793.D
Acq: 10 Mar 2020 11:19

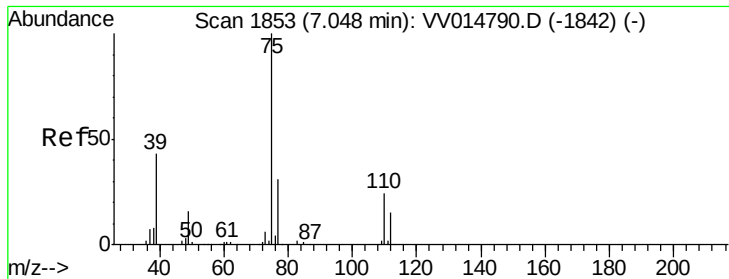
Tgt Ion: 83 Resp: 38123
Ion Ratio Lower Upper
83 100
55 0.2 63.4 95.2#
98 1.0 36.8 55.2#



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



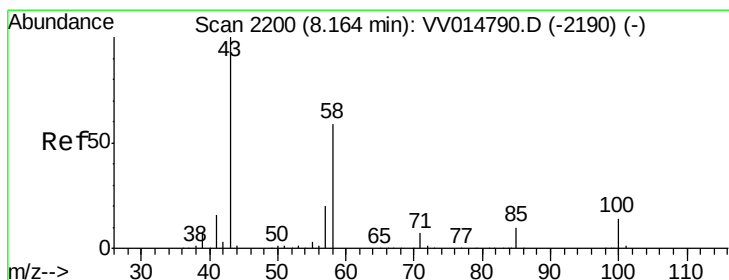
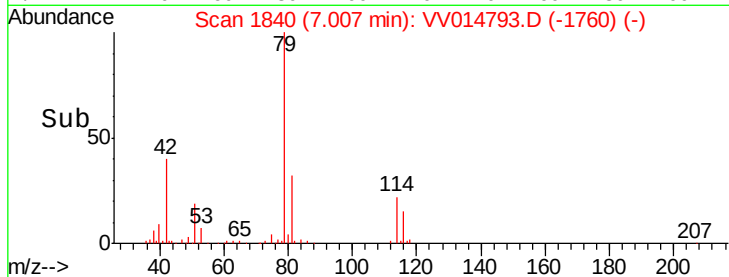
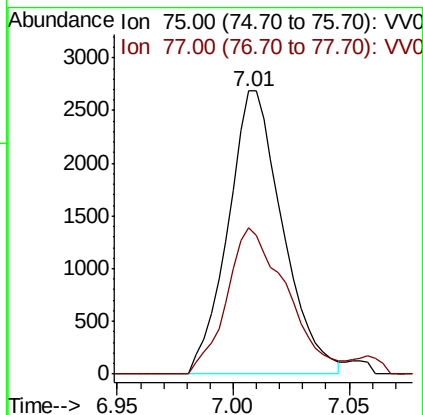
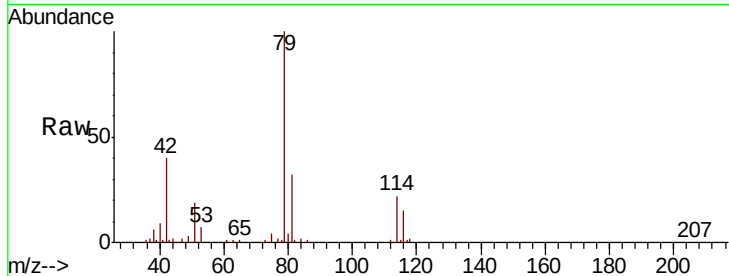


#39

cis-1,3-Dichloropropene
 Concen: 0.925 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV014793.D
 Acq: 10 Mar 2020 11:19

Instrument :
 MSVOA_V
 ClientSampleId :

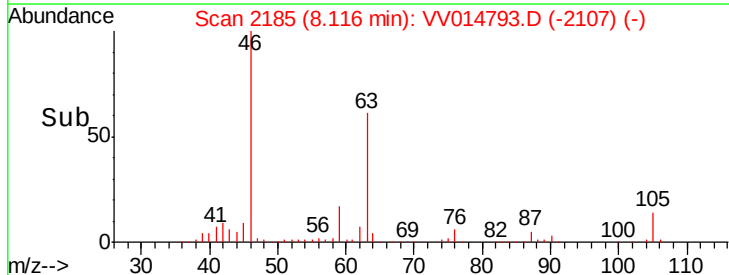
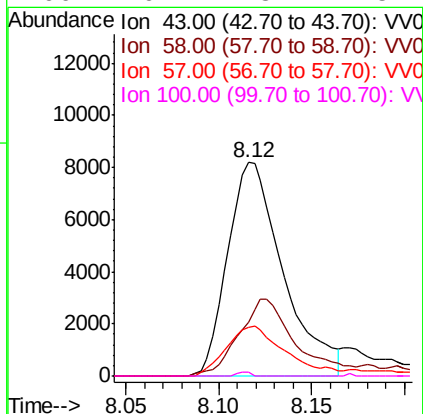
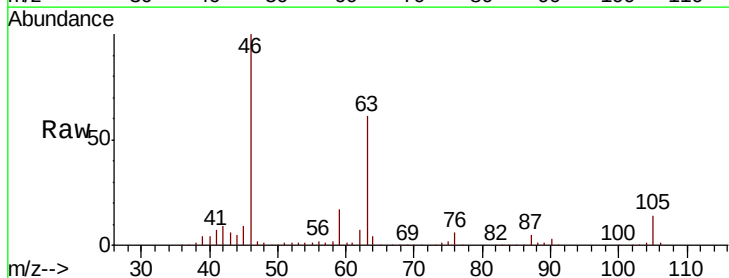
Tot Ion: 75 Resp: 4388
 Ion Ratio Lower Upper
 75 100
 77 51.5 22.8 42.4#

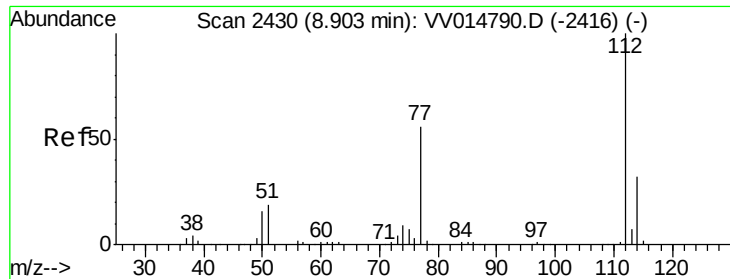


#48

2-Hexanone
 Concen: 4.948 ug/L
 RT: 8.12 min Scan# 2185
 Delta R.T. -0.05 min
 Lab File: VV014793.D
 Acq: 10 Mar 2020 11:19

Tgt Ion: 43 Resp: 17068
 Ion Ratio Lower Upper
 43 100
 58 36.7 43.3 64.9#
 57 23.6 15.6 23.4#
 100 0.4 8.7 13.1#





#51

Chlorobenzene

Concen: 12.148 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV014793.D

Acq: 10 Mar 2020 11:19

Instrument :

MSVOA_V

ClientSampleId :

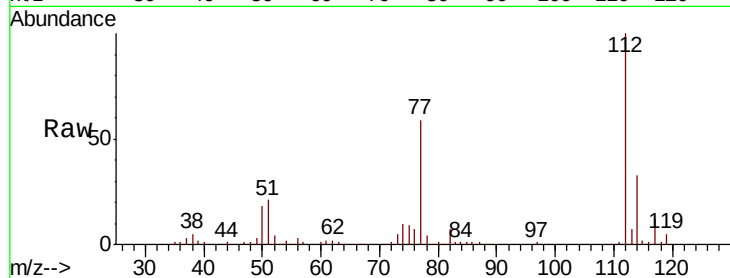
Tot Ion:112 Resp: 96580

Ion Ratio Lower Upper

112 100

114 32.6 22.1 41.1

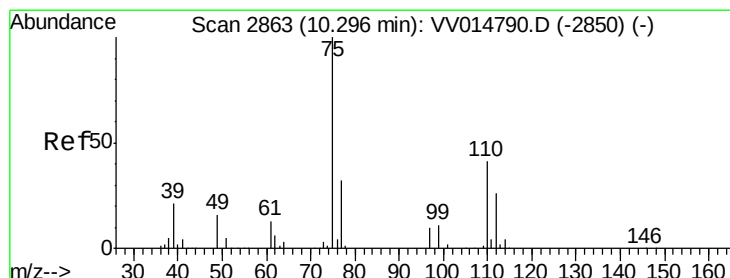
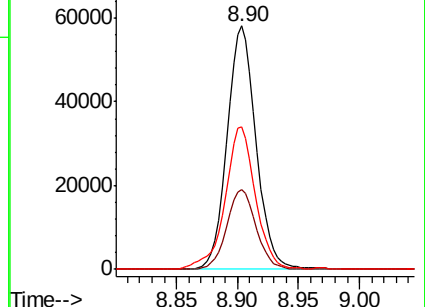
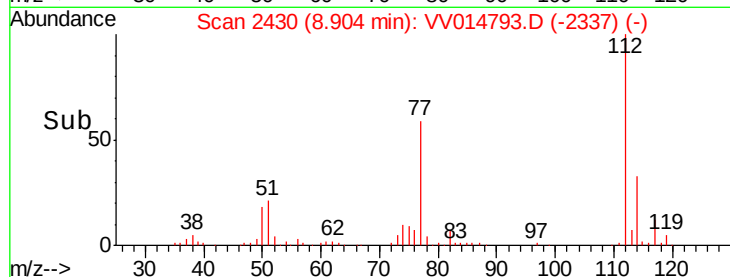
77 58.7 47.8 71.8



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: 5.734 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV014793.D

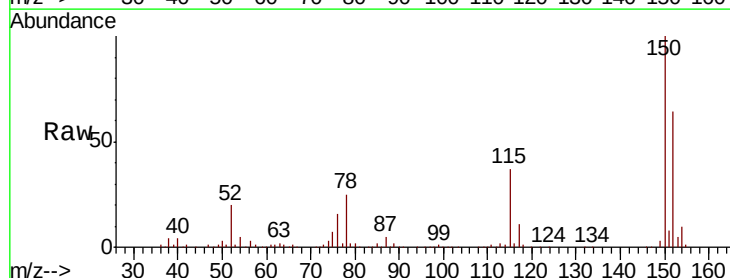
Acq: 10 Mar 2020 11:19

Tgt Ion: 75 Resp: 22161

Ion Ratio Lower Upper

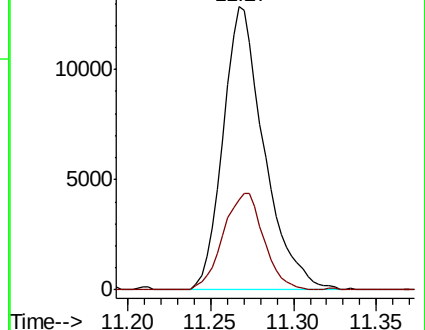
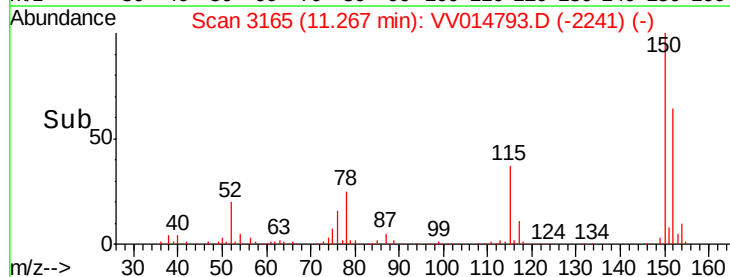
75 100

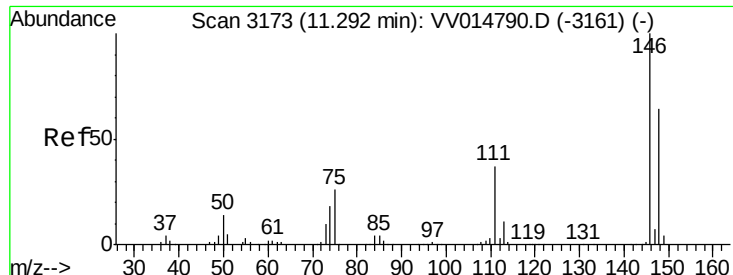
77 33.6 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#63
 1,4-Dichlorobenzene
 Concen: 1.233 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV014793.D
 Acq: 10 Mar 2020 11:19

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	146	Resp:	7432
Ion	Ratio	Lower	Upper
146	100		
111	38.2	26.3	48.9
148	67.7	44.0	81.8

