

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020320\
 Data File : VV014485.D
 Acq On : 03 Feb 2020 15:34
 Operator : SY/MD
 Sample : L1326-04 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBCS6

Quant Time: Feb 04 05:41:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 04 05:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	426532	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	393149	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	190334	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	115785	48.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.76%
7) Chloroethane-d5	1.59	69	84268	57.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.42%
11) 1,1-Dichloroethene-d2	2.13	63	135704	42.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.82%
21) 2-Butanone-d5	3.92	46	200847	126.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.01%
24) Chloroform-d	4.40	84	283448	56.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.08%
26) 1,2-Dichloroethane-d4	5.08	65	179762	59.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.06%
32) Benzene-d6	5.10	84	601209	58.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.16%
36) 1,2-Dichloropropane-d6	6.11	67	190966	58.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.62%
41) Toluene-d8	7.36	98	560587	58.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.32%
43) trans-1,3-Dichloropropene-	7.66	79	101334	60.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	121.74%
47) 2-Hexanone-d5	8.13	63	162318	126.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.67%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	245156	58.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	116.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	208771	59.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.12%

Target Compounds

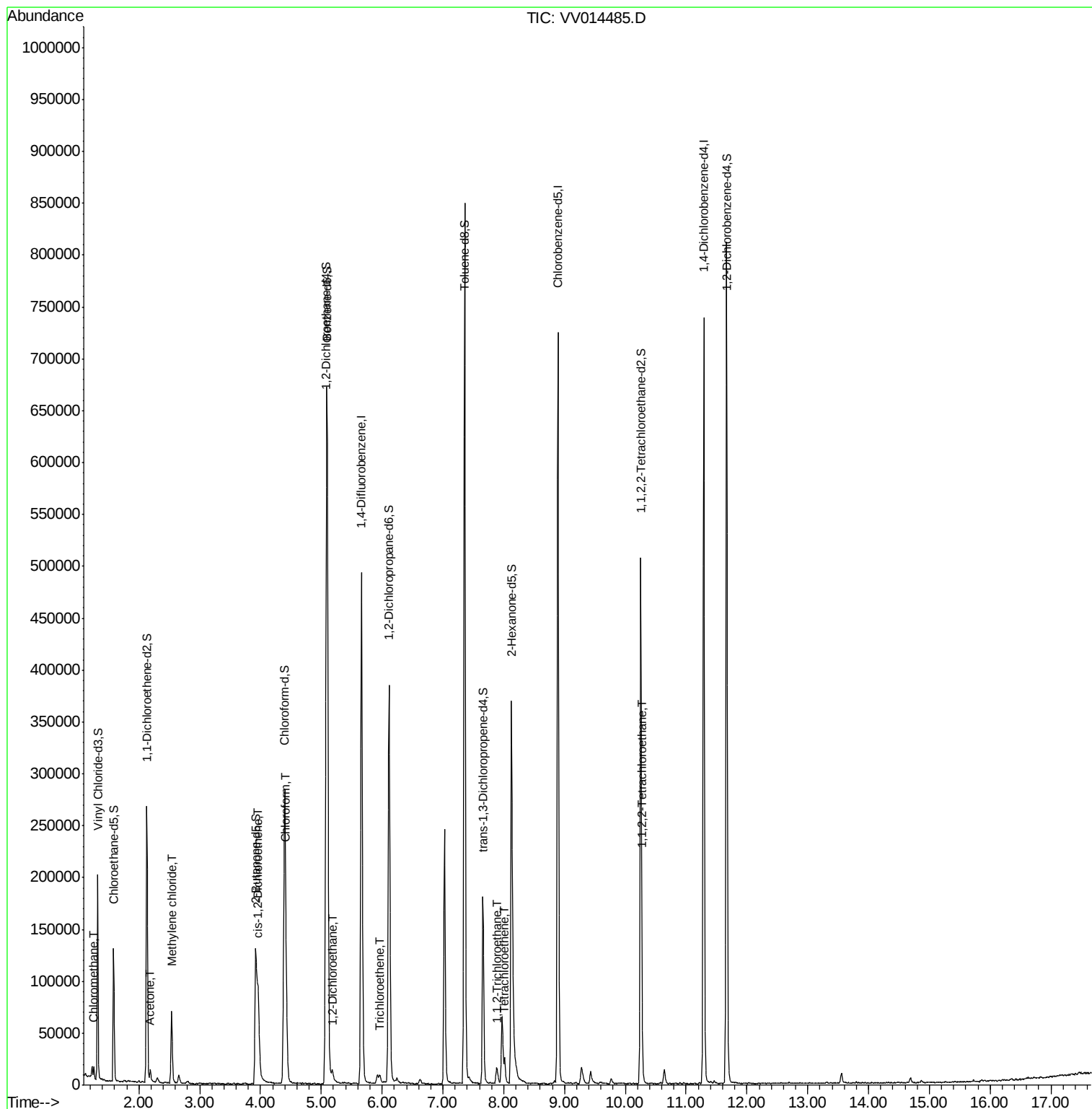
					Ovalue
3) Chloromethane	1.26	50	6396	1.718 ug/L	95
13) Acetone	2.19	43	10411	7.655 ug/L	100
16) Methylene chloride	2.54	84	30384	9.725 ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	41405	13.191 ug/L	98
25) Chloroform	4.42	83	41650	8.052 ug/L	99
27) 1,2-Dichloroethane	5.18	62	7452	2.026 ug/L	100
34) Trichloroethene	5.96	95	2475	0.845 ug/L	92
45) 1,1,2-Trichloroethane	7.88	97	3903	1.425 ug/L	93
46) Tetrachloroethene	8.02	164	4574	2.135 ug/L	92
58) 1,1,2,2-Tetrachloroethane	10.28	83	8370	1.913 ug/L	98

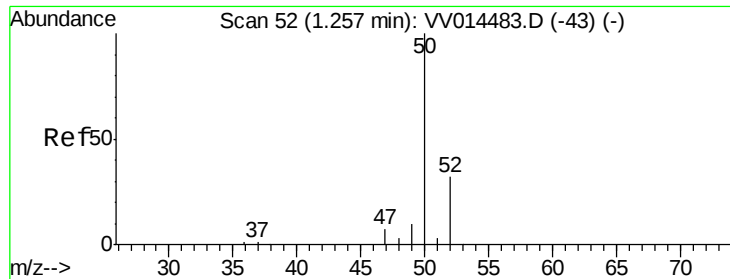
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Feb 04 05:31:51 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.718 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

Lab File: VV014485.D

Acq: 03 Feb 2020 15:34

Instrument :

MSVOA_V

ClientSampleId :

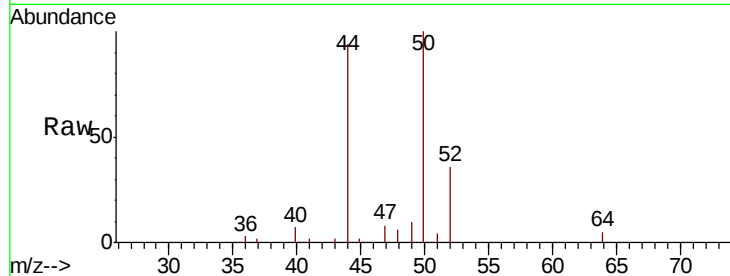
DBCS6

Tot Ion: 50 Resp: 6396

Ion Ratio Lower Upper

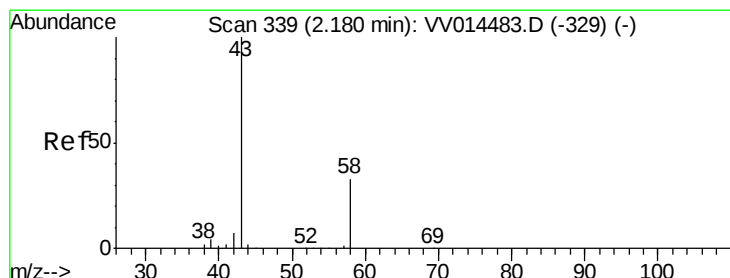
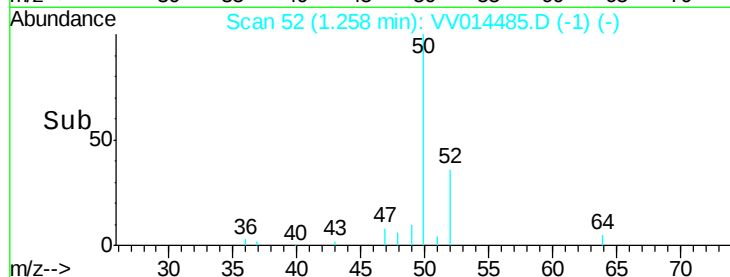
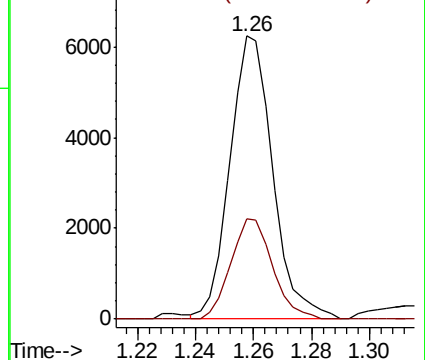
50 100

52 35.5 22.8 42.4



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0



#13

Acetone

Concen: 7.655 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

Lab File: VV014485.D

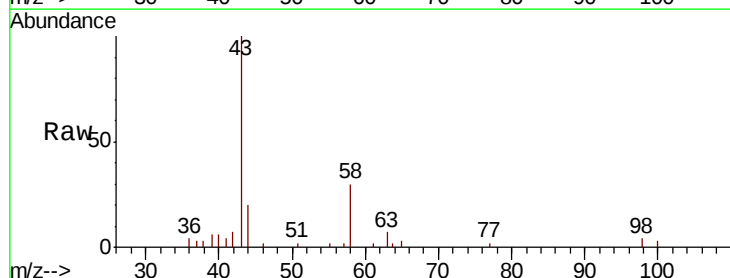
Acq: 03 Feb 2020 15:34

Tgt Ion: 43 Resp: 10411

Ion Ratio Lower Upper

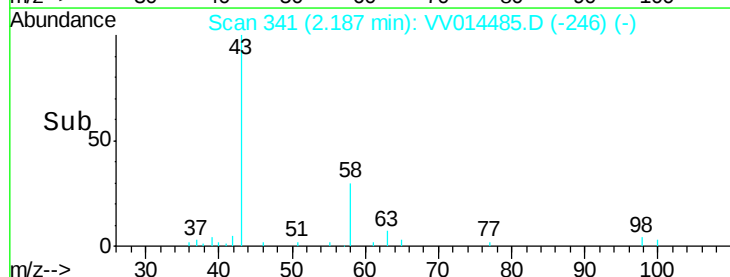
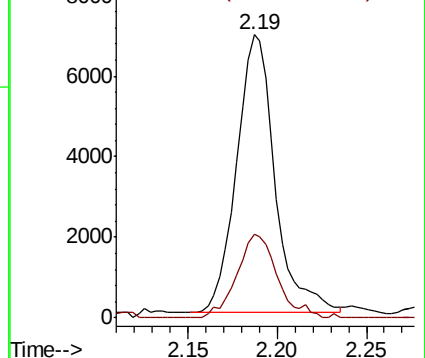
43 100

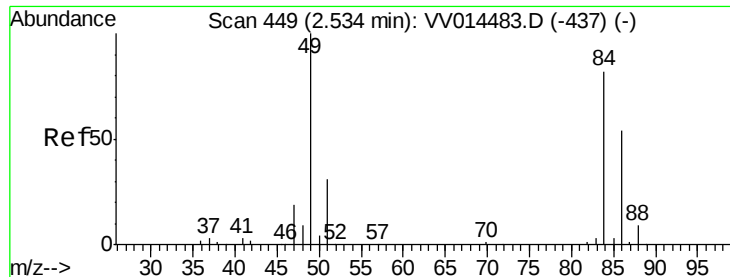
58 30.4 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

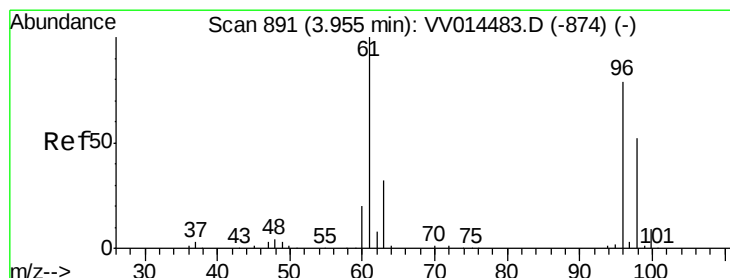
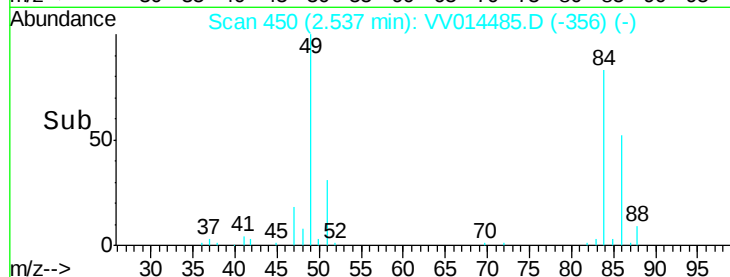
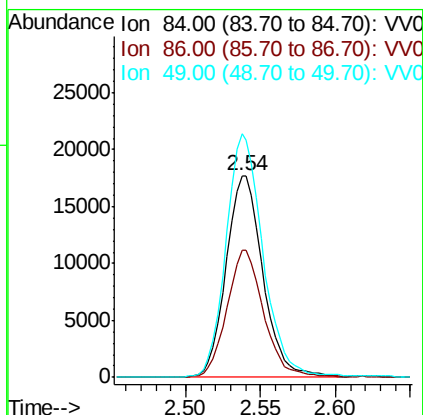
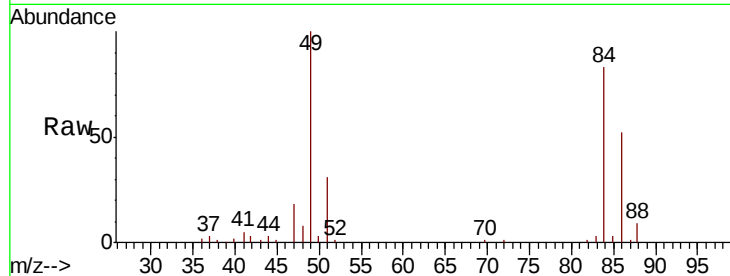




#16
Methvlene chloride
Concen: 9.725 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV014485.D
Acq: 03 Feb 2020 15:34

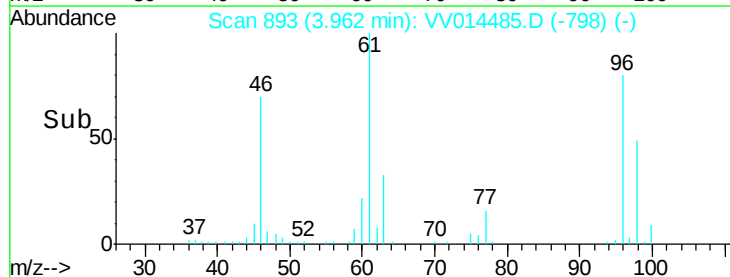
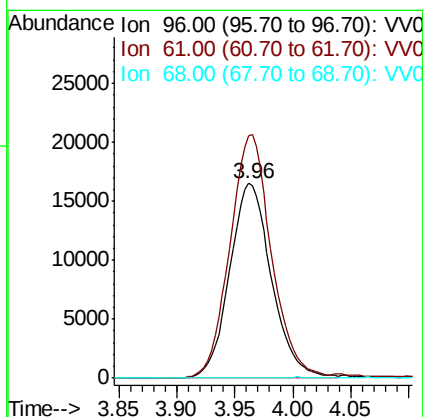
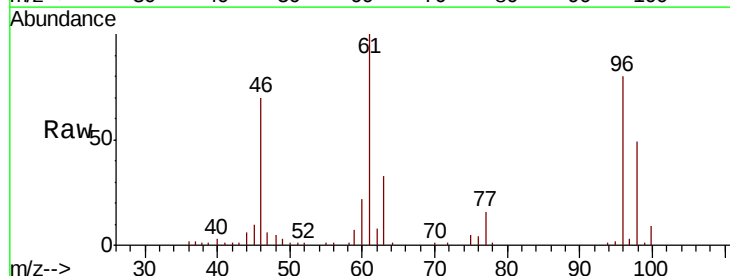
Instrument :
MSVOA_V
ClientSampled :
DBCS6

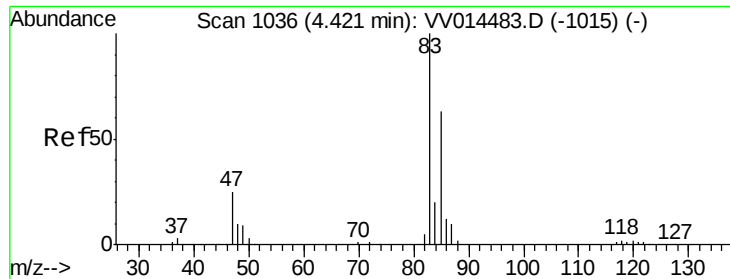
Tot Ion: 84 Resp: 30384
Ion Ratio Lower Upper
84 100
86 63.1 45.6 84.8
49 120.6 82.7 153.7



#20
cis-1,2-Dichloroethene
Concen: 13.191 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV014485.D
Acq: 03 Feb 2020 15:34

Tgt Ion: 96 Resp: 41405
Ion Ratio Lower Upper
96 100
61 124.5 88.9 165.1
68 0.0 0.0 0.0





#25

Chloroform

Concen: 8.052 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV014485.D

Acq: 03 Feb 2020 15:34

Instrument :

MSVOA_V

ClientSampled :

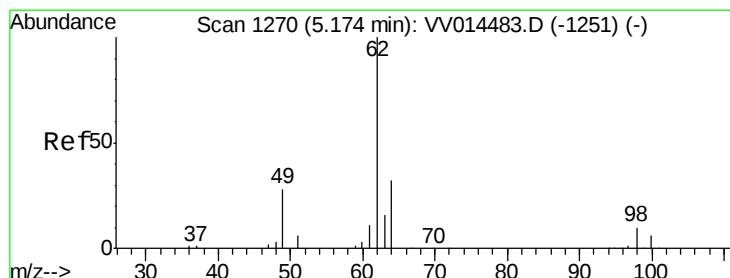
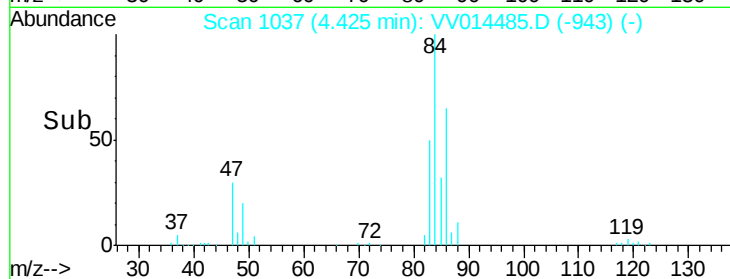
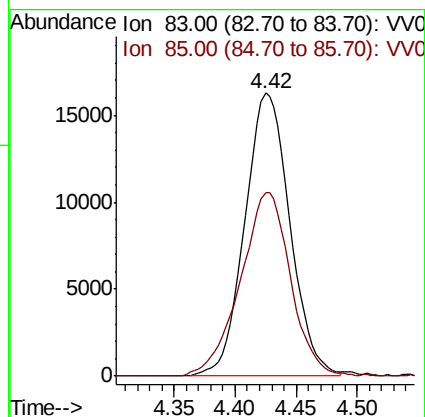
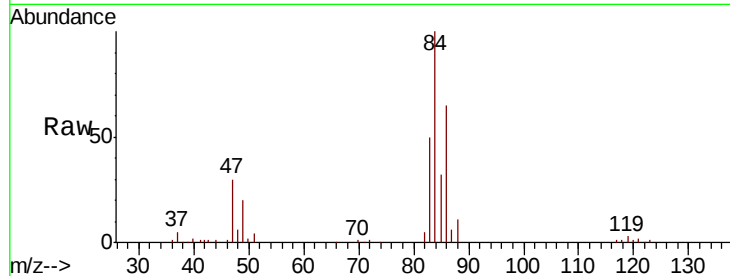
DBCS6

Tot Ion: 83 Resp: 41650

Ion Ratio Lower Upper

83 100

85 64.8 45.1 83.7



#27

1,2-Dichloroethane

Concen: 2.026 ug/L

RT: 5.18 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VV014485.D

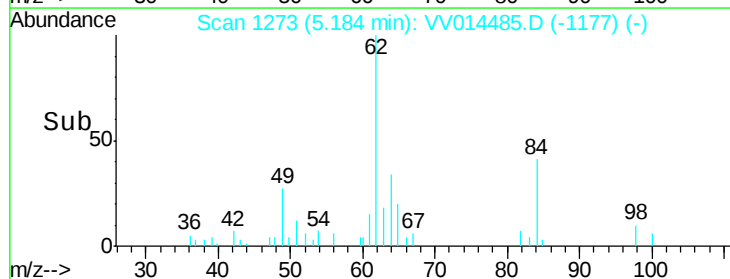
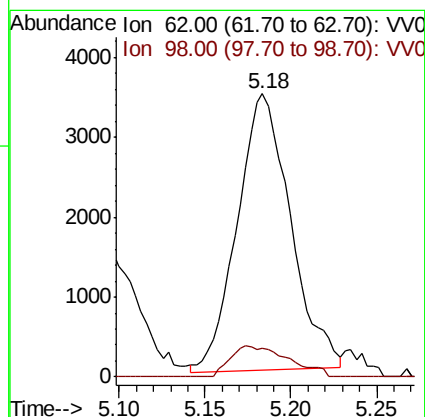
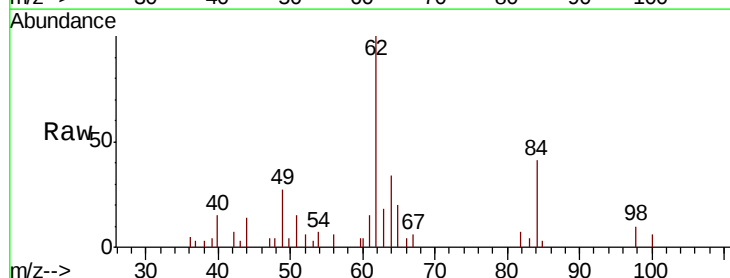
Acq: 03 Feb 2020 15:34

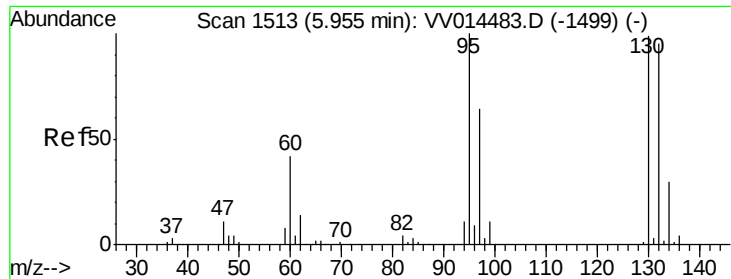
Tgt Ion: 62 Resp: 7452

Ion Ratio Lower Upper

62 100

98 9.9 8.0 12.0





#34

Trichloroethene

Concen: 0.845 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV014485.D

Acq: 03 Feb 2020 15:34

Instrument :

MSVOA_V

ClientSampleId :

DBCS6

Tot Ion: 95 Resp: 2475

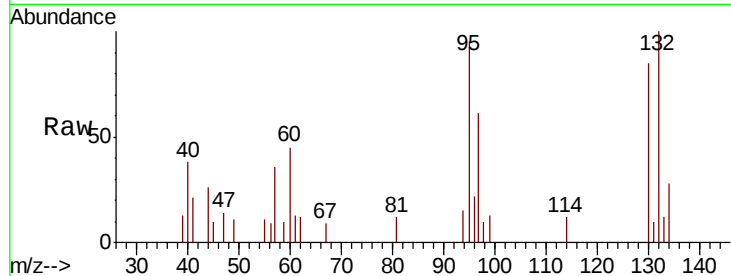
Ion Ratio Lower Upper

95 100

97 64.0 44.7 83.1

132 105.3 65.4 121.4

130 89.1 67.7 125.7

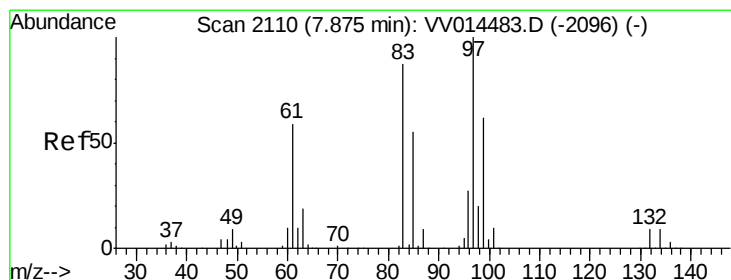
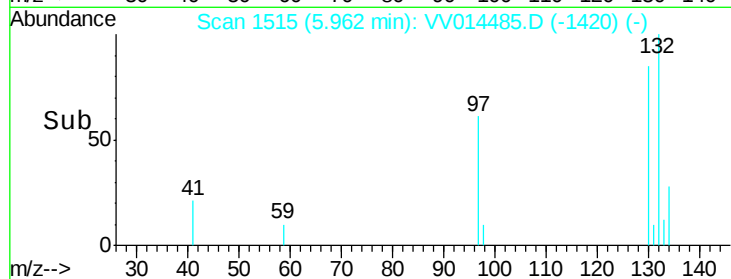
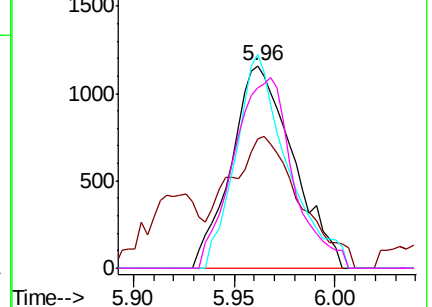


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#45

1,1,2-Trichloroethane

Concen: 1.425 ug/L

RT: 7.88 min Scan# 2112

Delta R.T. 0.01 min

Lab File: VV014485.D

Acq: 03 Feb 2020 15:34

Tgt Ion: 97 Resp: 3903

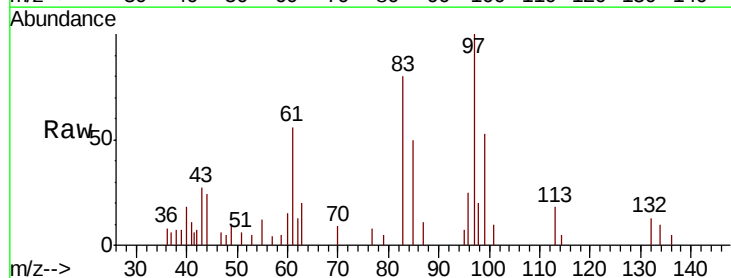
Ion Ratio Lower Upper

97 100

99 53.4 43.8 81.3

83 80.0 60.0 111.4

85 49.9 37.2 69.0

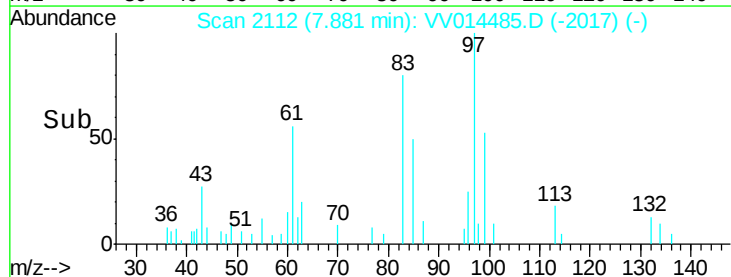
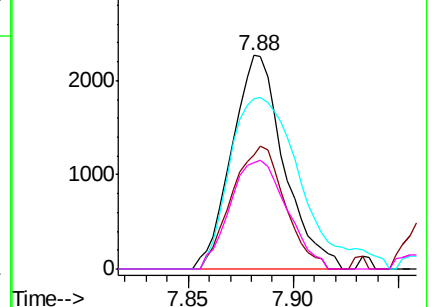


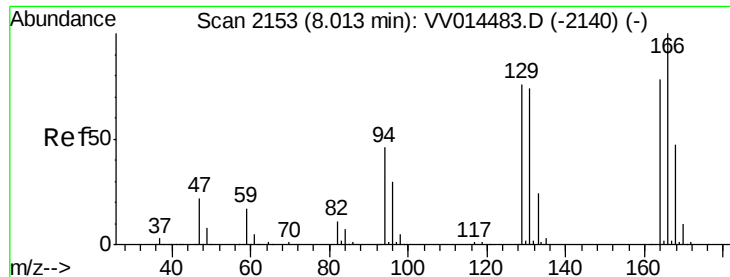
Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#46

Tetrachloroethene

Concen: 2.135 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV014485.D

Acq: 03 Feb 2020 15:34

Instrument :

MSVOA_V

ClientSampled :

DBCS6

Tot Ion:164 Resp: 4574

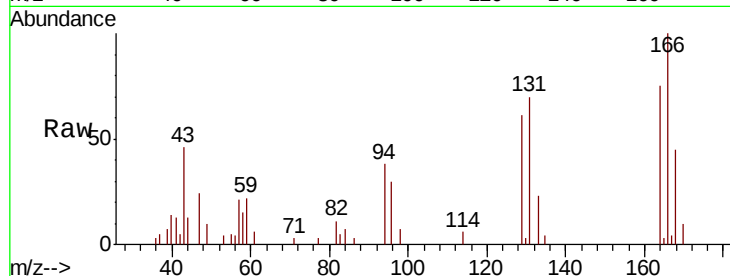
Ion Ratio Lower Upper

164 100

129 80.9 70.4 130.8

131 92.6 65.5 121.7

166 132.7 89.9 166.9

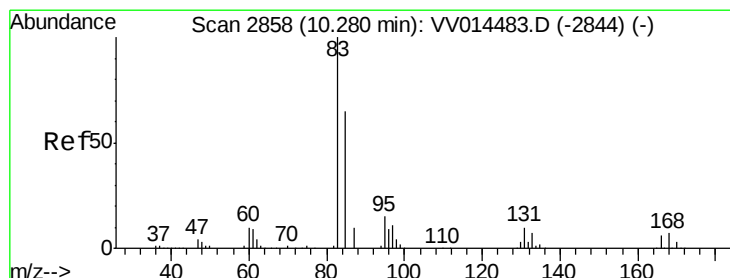
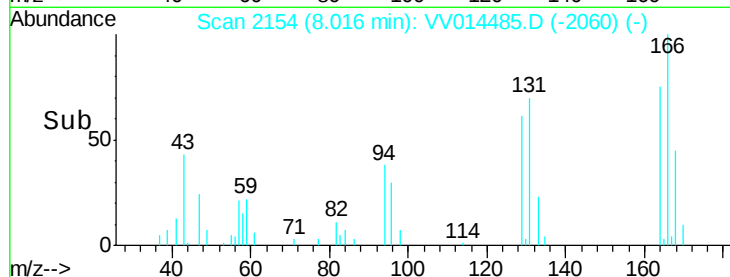
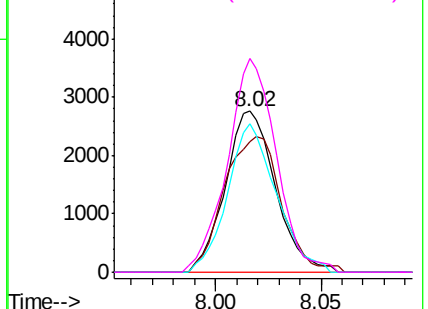


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 1.913 ug/L

RT: 10.28 min Scan# 2858

Delta R.T. 0.00 min

Lab File: VV014485.D

Acq: 03 Feb 2020 15:34

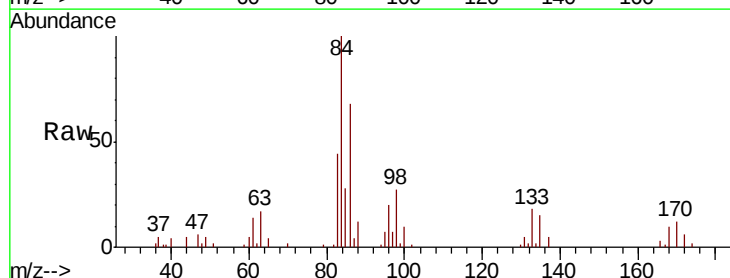
Tgt Ion: 83 Resp: 8370

Ion Ratio Lower Upper

83 100

85 64.6 44.2 82.2

131 10.9 7.6 11.4



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V

