

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020320\
 Data File : VV014486.D
 Acq On : 03 Feb 2020 15:58
 Operator : SY/MD
 Sample : L1326-01 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBCS3

Quant Time: Feb 04 05:53:26 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	395531	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	368541	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	178156	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	115627	52.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.28%
7) Chloroethane-d5	1.59	69	81365	59.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.14%
11) 1,1-Dichloroethene-d2	2.13	63	128166	43.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.42%
21) 2-Butanone-d5	3.92	46	181489	122.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.79%
24) Chloroform-d	4.40	84	250998	53.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.98%
26) 1,2-Dichloroethane-d4	5.08	65	161038	57.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.00%
32) Benzene-d6	5.10	84	538396	55.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.96%
36) 1,2-Dichloropropane-d6	6.11	67	168936	55.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.04%
41) Toluene-d8	7.36	98	485184	54.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.32%
43) trans-1,3-Dichloropropene-	7.66	79	86643	55.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.04%
47) 2-Hexanone-d5	8.13	63	141524	117.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.82%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	215080	54.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.74%
64) 1,2-Dichlorobenzene-d4	11.67	152	180429	54.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.98%

Target Compounds

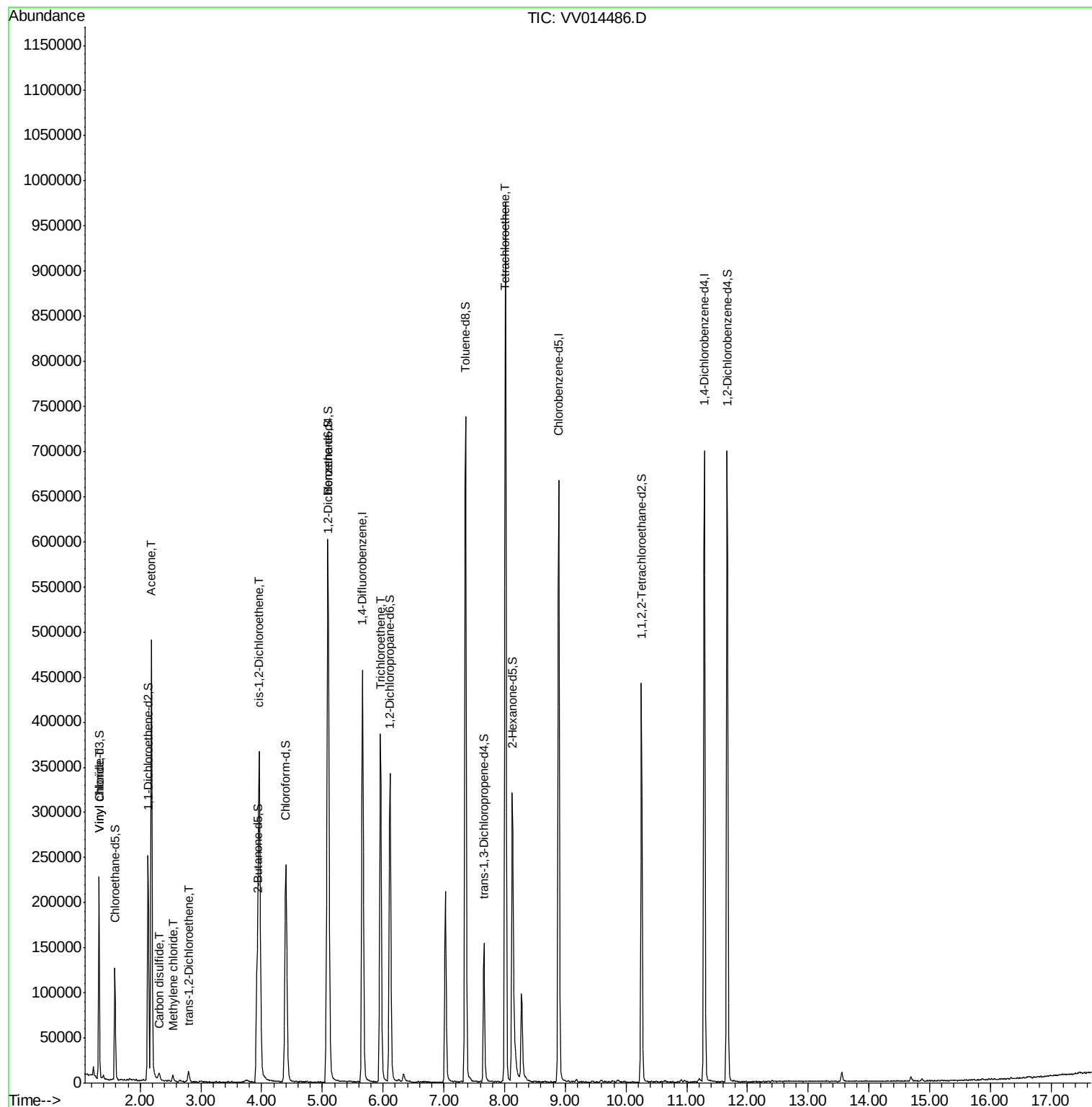
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.33	62	21332	7.689	ug/L	87
13) Acetone	2.19	43	468050	371.124	ug/L	98
14) Carbon disulfide	2.32	76	5830	0.789	ug/L #	93
16) Methylene chloride	2.54	84	3108	1.073	ug/L	85
17) trans-1,2-Dichloroethene	2.80	96	4235	1.623	ug/L	94
20) cis-1,2-Dichloroethene	3.96	96	202745	69.656	ug/L	99
34) Trichloroethene	5.96	95	140426	51.129	ug/L	97
46) Tetrachloroethene	8.02	164	215844	107.458	ug/L	98

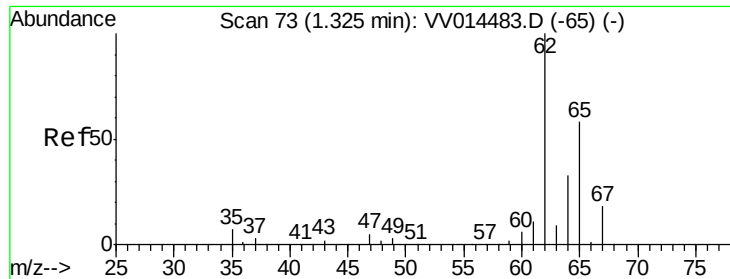
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 7.689 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV014486.D

Acq: 03 Feb 2020 15:58

Instrument :

MSVOA_V

ClientSampled :

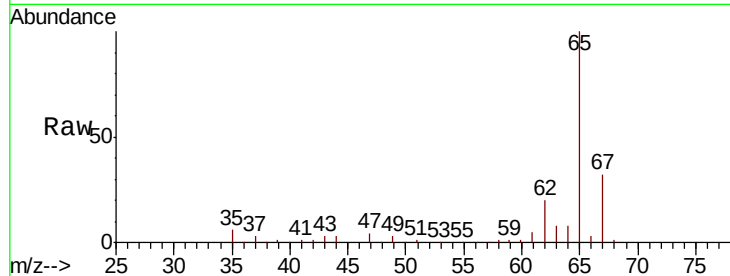
DBCS3

Tot Ion: 62 Resp: 21332

Ion Ratio Lower Upper

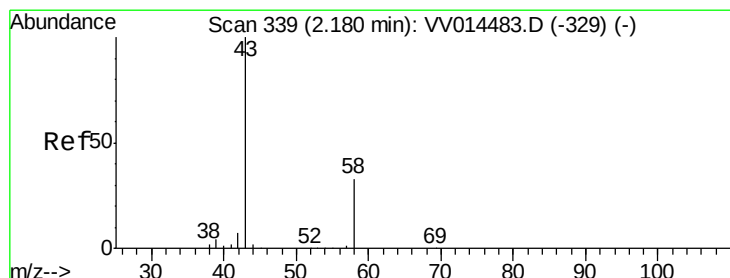
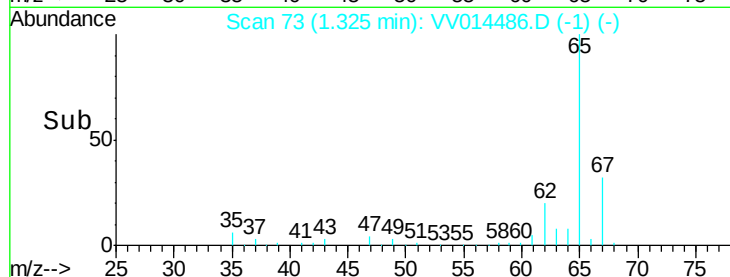
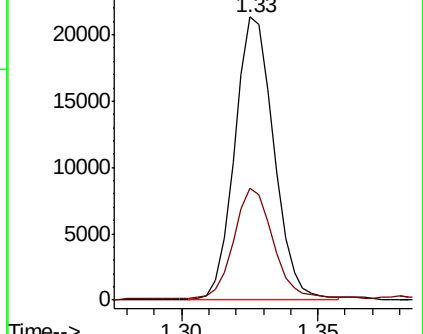
62 100

64 39.5 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#13

Acetone

Concen: 371.124 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

Lab File: VV014486.D

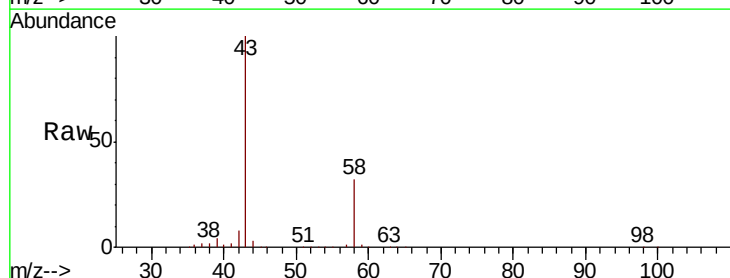
Acq: 03 Feb 2020 15:58

Tgt Ion: 43 Resp: 468050

Ion Ratio Lower Upper

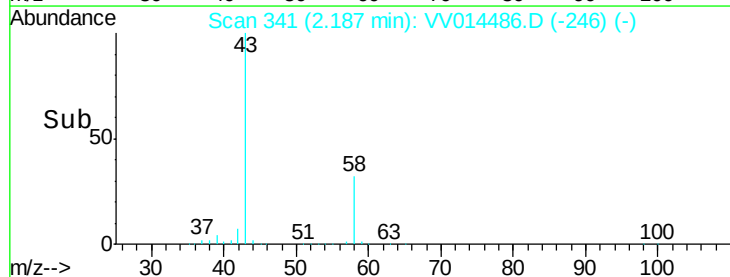
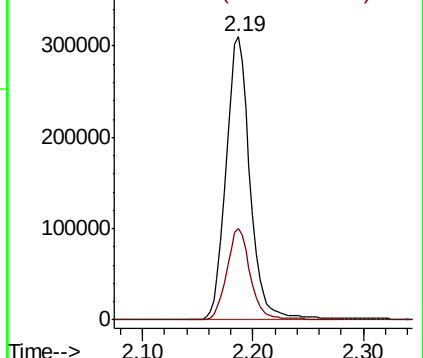
43 100

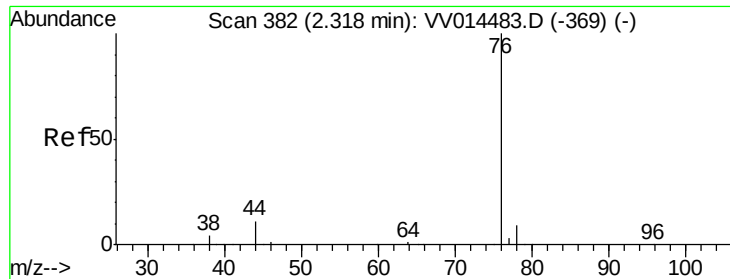
58 31.9 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#14

Carbon disulfide

Concen: 0.789 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV014486.D

Acq: 03 Feb 2020 15:58

Instrument :

MSVOA_V

ClientSampleId :

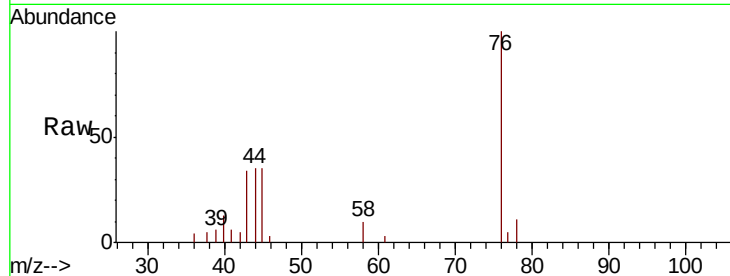
DBCS3

Tot Ion: 76 Resp: 5830

Ion Ratio Lower Upper

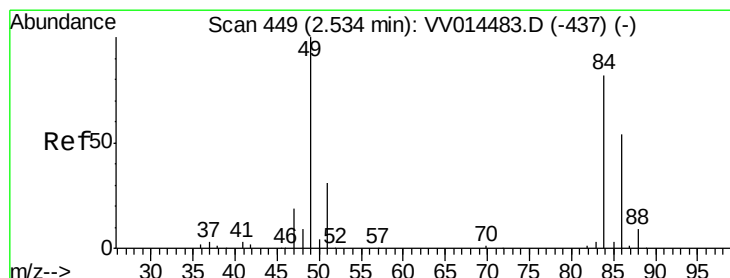
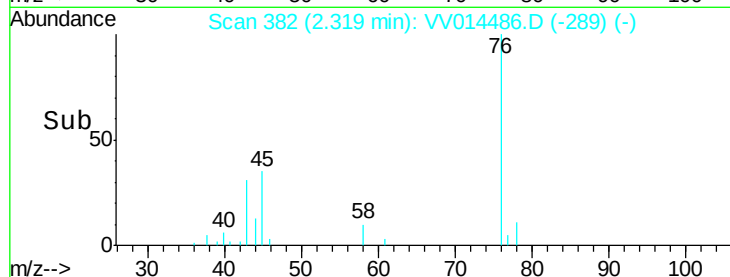
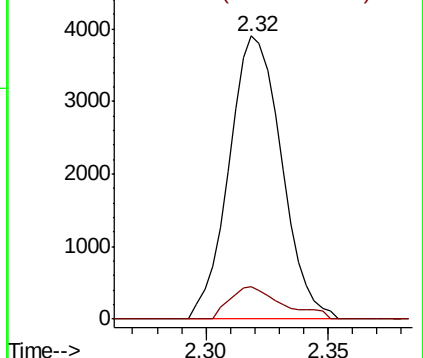
76 100

78 11.4 7.2 10.8#



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0



#16

Methylene chloride

Concen: 1.073 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.01 min

Lab File: VV014486.D

Acq: 03 Feb 2020 15:58

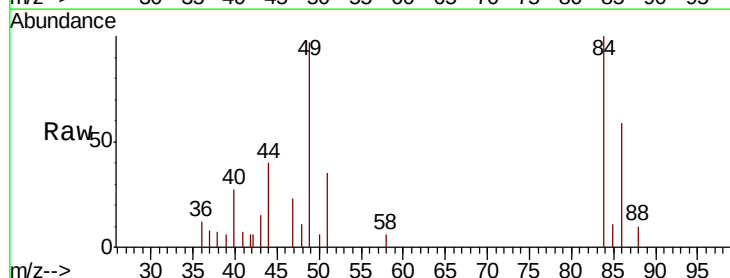
Tgt Ion: 84 Resp: 3108

Ion Ratio Lower Upper

84 100

86 59.3 45.6 84.8

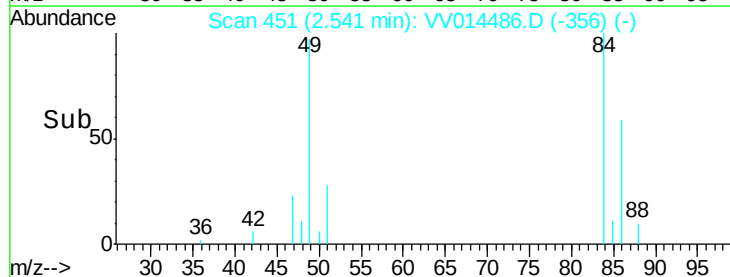
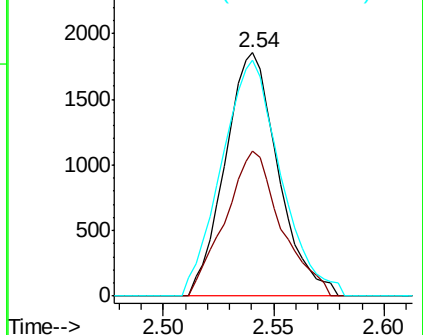
49 97.0 82.7 153.7

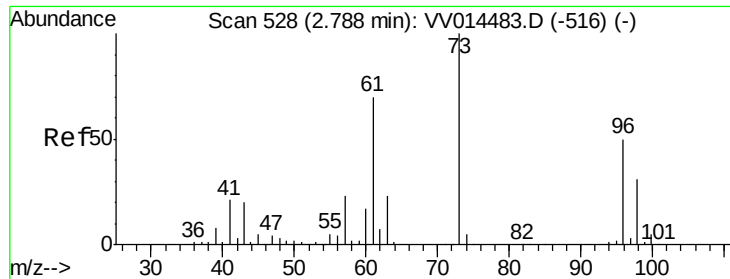


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

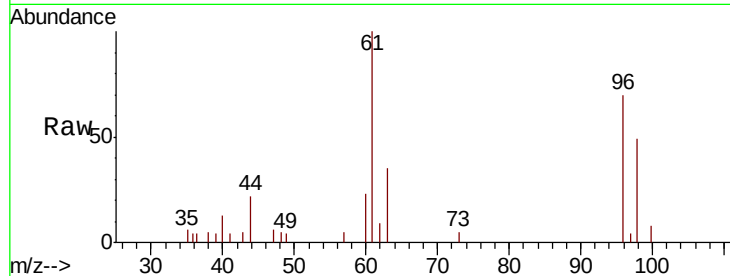




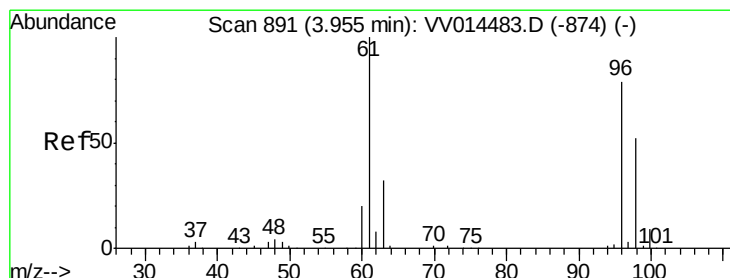
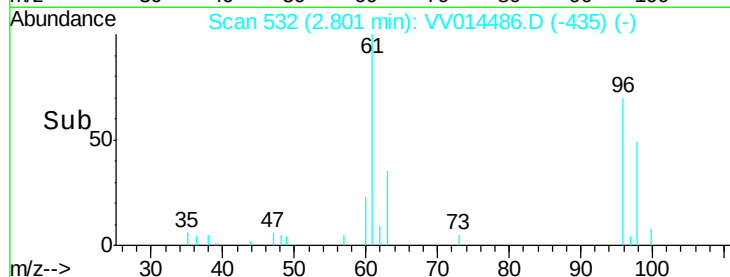
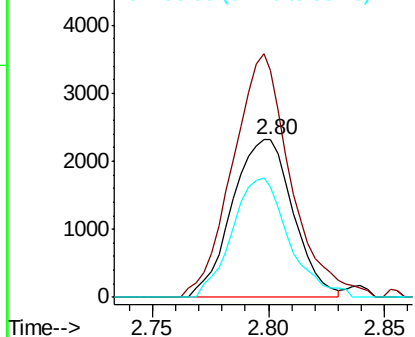
#17
trans-1,2-Dichloroethene
Concen: 1.623 ug/L
RT: 2.80 min Scan# 532
Delta R.T. 0.01 min
Lab File: VV014486.D
Acq: 03 Feb 2020 15:58

Instrument :
MSVOA_V
ClientSampleId :
DBCS3

Tot Ion: 96 Resp: 4235
Ion Ratio Lower Upper
96 100
61 143.6 96.7 179.7
98 70.0 44.1 81.9

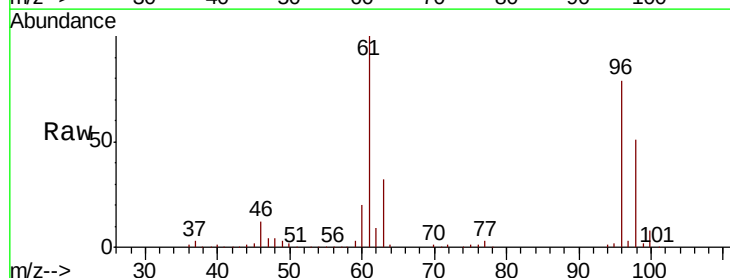


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

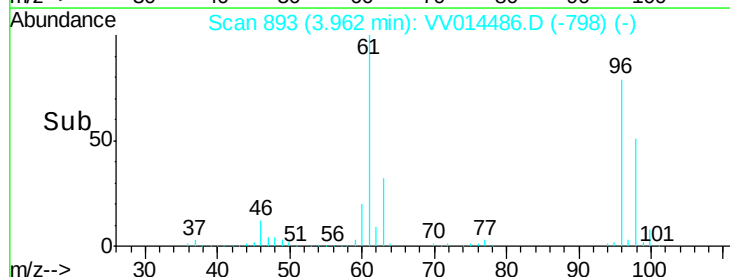
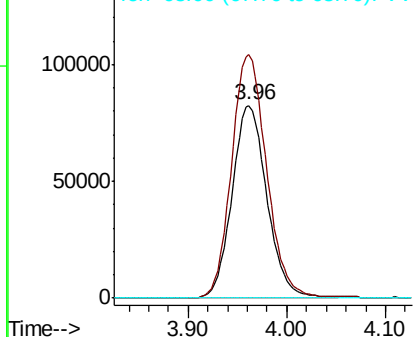


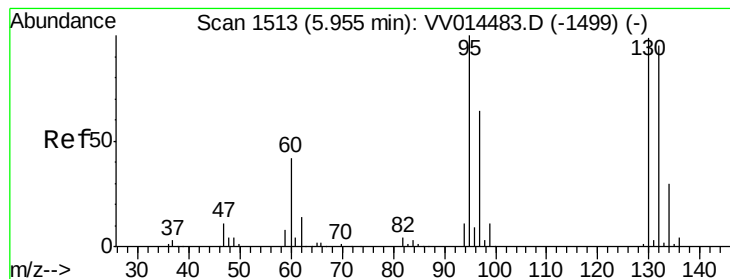
#20
cis-1,2-Dichloroethene
Concen: 69.656 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV014486.D
Acq: 03 Feb 2020 15:58

Tgt Ion: 96 Resp: 202745
Ion Ratio Lower Upper
96 100
61 126.4 88.9 165.1
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 51.129 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV014486.D

Acq: 03 Feb 2020 15:58

Instrument :

MSVOA_V

ClientSampleId :

DBCS3

Tot Ion: 95 Resp: 140426

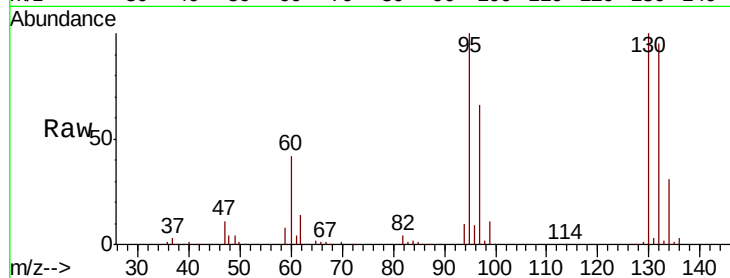
Ion Ratio Lower Upper

95 100

97 65.9 44.7 83.1

132 95.4 65.4 121.4

130 99.6 67.7 125.7

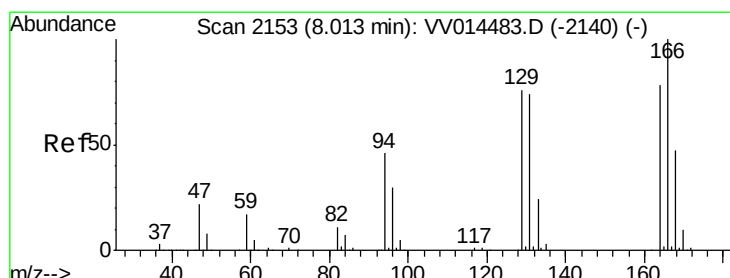
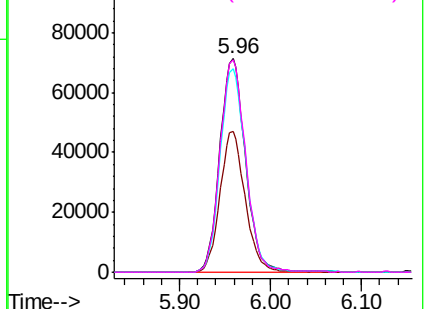
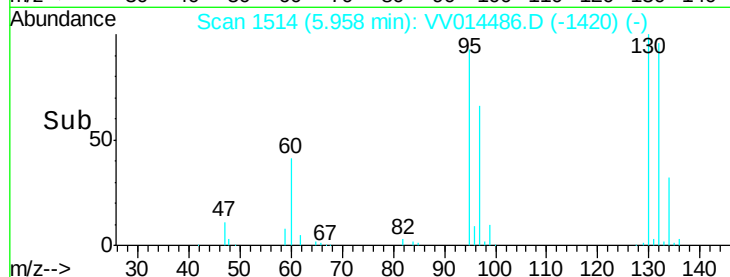


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#46

Tetrachloroethene

Concen: 107.458 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV014486.D

Acq: 03 Feb 2020 15:58

Tgt Ion: 164 Resp: 215844

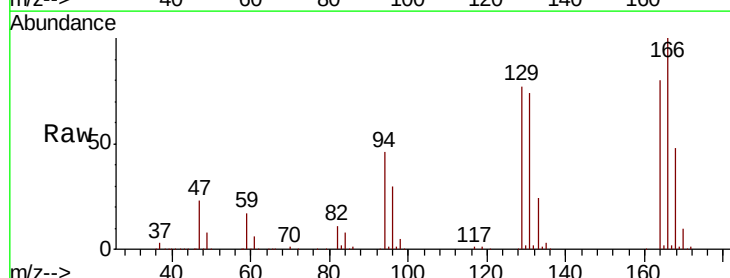
Ion Ratio Lower Upper

164 100

129 96.3 70.4 130.8

131 93.4 65.5 121.7

166 125.5 89.9 166.9



Abundance Ion 164.00 (163.70 to 164.70): VV0

Ion 129.00 (128.70 to 129.70): VV0

Ion 131.00 (130.70 to 131.70): VV0

Ion 166.00 (165.70 to 166.70): VV0

