

Data File : VV014487.D
Acq On : 03 Feb 2020 16:22
Operator : SY/MD
Sample : L1326-03 40X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBCS5

Quant Time: Feb 04 05:35:10 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	397630	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	369842	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	177468	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	110895	50.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.44%
7) Chloroethane-d5	1.58	69	77860	56.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.42%
11) 1,1-Dichloroethene-d2	2.13	63	124017	42.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.14%
21) 2-Butanone-d5	3.92	46	174263	117.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.28%
24) Chloroform-d	4.40	84	250511	53.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.08	65	157141	55.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.64%
32) Benzene-d6	5.10	84	531633	54.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.18%
36) 1,2-Dichloropropane-d6	6.11	67	164032	53.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.48%
41) Toluene-d8	7.36	98	482570	53.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.36%
43) trans-1,3-Dichloropropene-	7.66	79	83580	53.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.74%
47) 2-Hexanone-d5	8.13	63	138774	115.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.12%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	212421	53.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.02%
64) 1,2-Dichlorobenzene-d4	11.67	152	176321	53.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.90%

Target Compounds

					Qvalue	
5) Vinyl chloride	1.33	62	5740	2.058	ug/L #	60
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1200	0.797	ug/L #	19
12) 1,1-Dichloroethene	2.13	96	1317	0.871	ug/L #	1
13) Acetone	2.18	43	12338	9.731	ug/L	98
14) Carbon disulfide	2.32	76	9767	1.315	ug/L	97
16) Methylene chloride	2.54	84	4041	1.387	ug/L	96
17) trans-1,2-Dichloroethene	2.79	96	2115	0.806	ug/L	96
20) cis-1,2-Dichloroethene	3.96	96	37253	12.731	ug/L	99
25) Chloroform	4.43	83	14575	3.022	ug/L	89
34) Trichloroethene	5.96	95	23727	8.609	ug/L	99
39) cis-1,3-Dichloropropene	7.02	75	5172	1.153	ug/L #	61
46) Tetrachloroethene	8.02	164	255030	126.520	ug/L	99
48) 2-Hexanone	8.13	43	15078	5.846	ug/L #	74
58) 1,1,2,2-Tetrachloroethane	10.28	83	4596	1.117	ug/L #	98
59) 1,2,3-Trichloropropane	11.29	75	21689	6.730	ug/L	90
69) Naphthalene	13.55	128	12527	1.184	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
Quantitation Report (Not Reviewed)

Data File : VV014487.D
Acq On : 03 Feb 2020 16:22
Operator : SY/MD
Sample : L1326-03 40X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBCS5

Quant Time: Feb 04 05:35:10 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

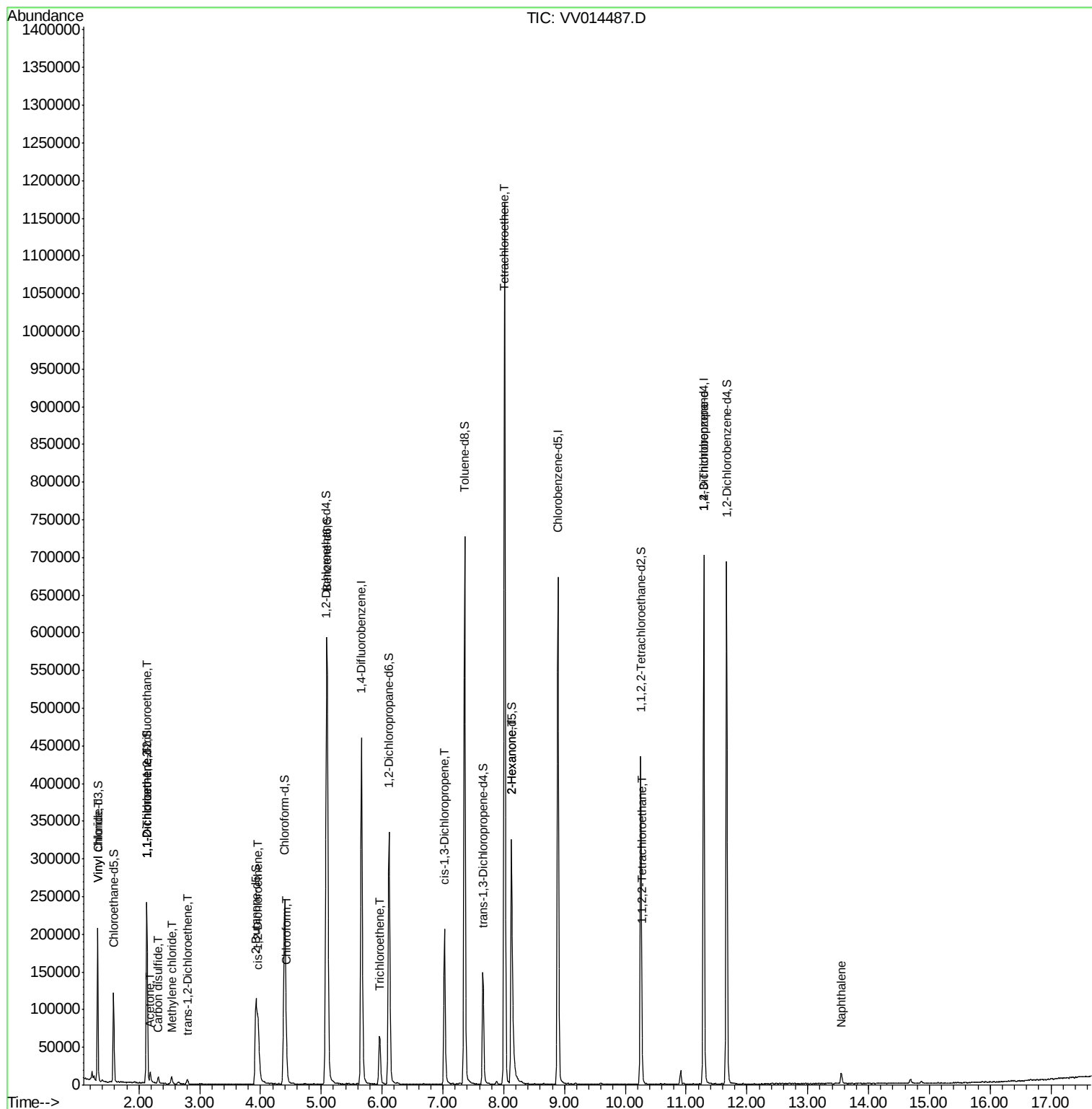
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

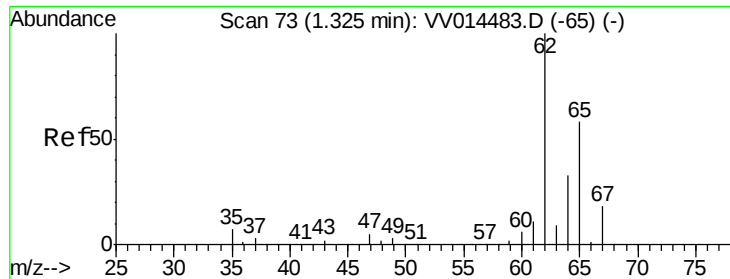
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV014487.D
Acq On : 03 Feb 2020 16:22
Operator : SY/MD
Sample : L1326-03 40X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBCS5

Quant Time: Feb 04 05:35:10 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





#5

Vinyl chloride

Concen: 2.058 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV014487.D

Acq: 03 Feb 2020 16:22

Instrument :

MSVOA_V

ClientSampleId :

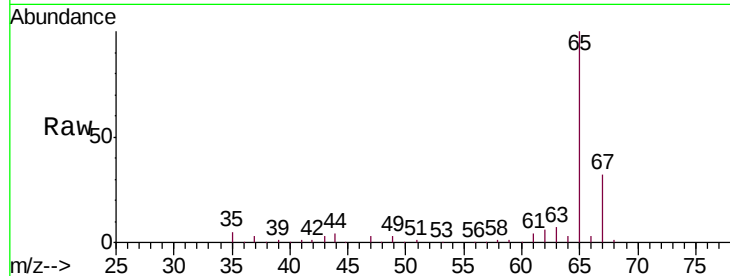
DBCS5

Tgt Ion: 62 Resp: 5740

Ion Ratio Lower Upper

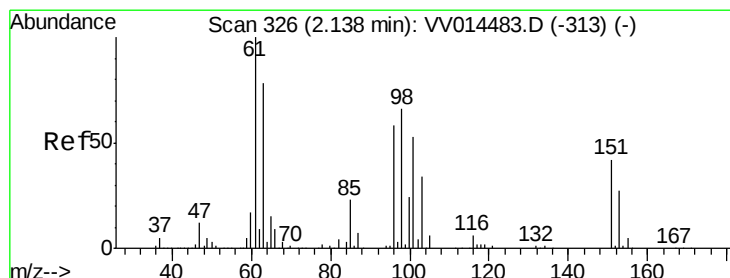
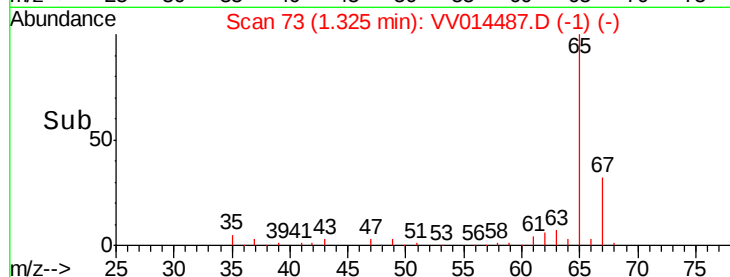
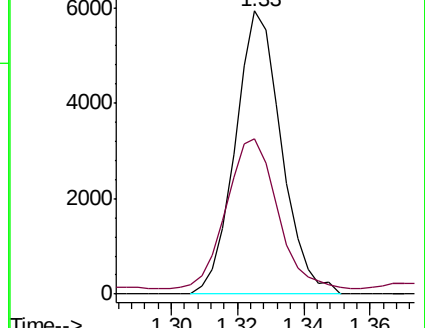
62 100

64 55.0 22.7 42.1#



Abundance Ion 62.00 (61.70 to 62.70): VV014483.D (-65) (-)

Ion 64.00 (63.70 to 64.70): VV014487.D (-233) (-)



#10

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

Concen: 0.797 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014487.D

Acq: 03 Feb 2020 16:22

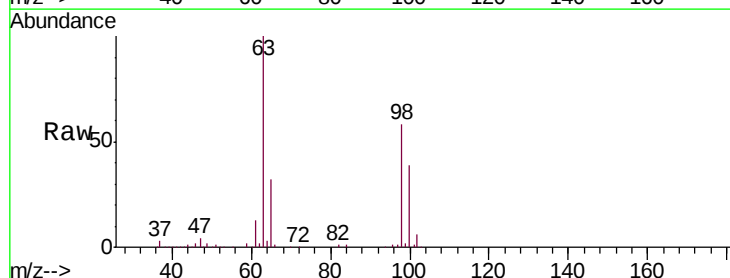
Tgt Ion: 101 Resp: 1200

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

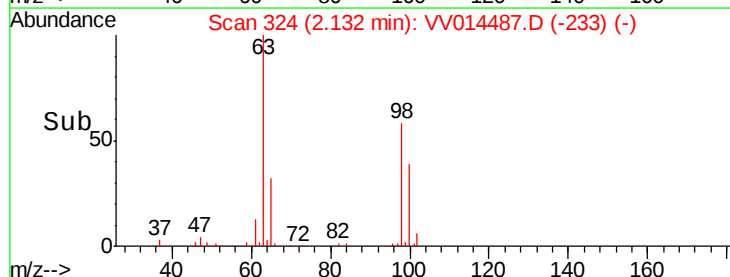
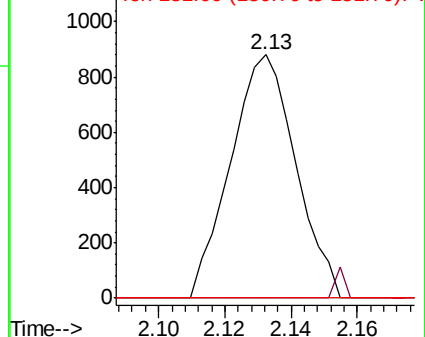
151 0.0 61.2 91.8#

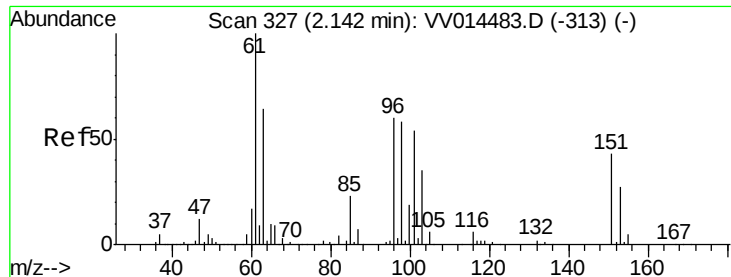


Abundance Ion 101.00 (100.70 to 101.70): VV014483.D (-313) (-)

Ion 85.00 (84.70 to 85.70): VV014487.D (-233) (-)

Ion 151.00 (150.70 to 151.70): VV014487.D (-233) (-)

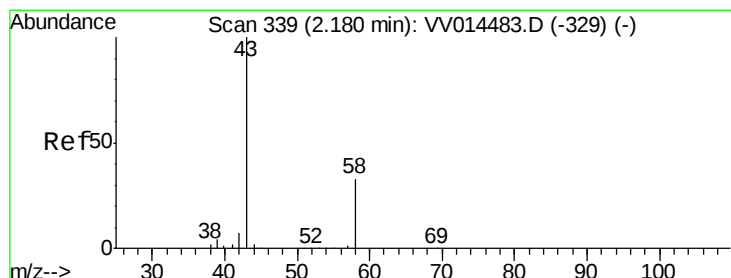
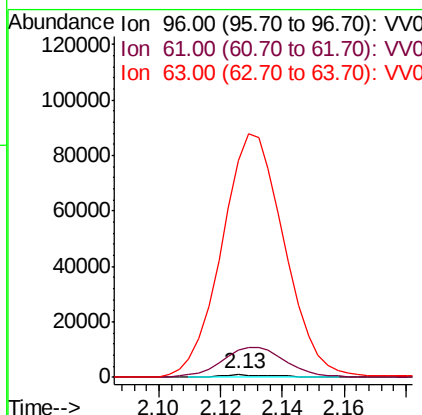
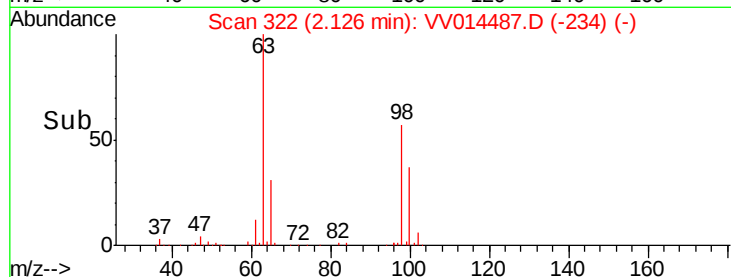
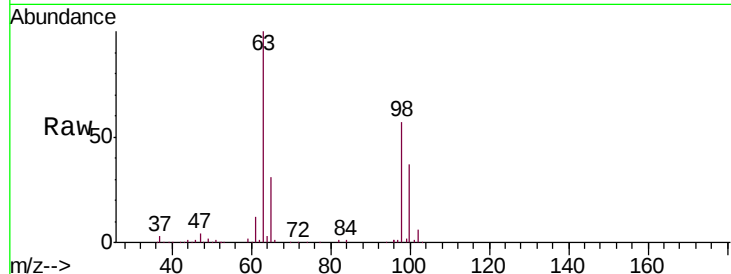




#12
 1,1-Dichloroethene
 Concen: 0.871 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.02 min
 Lab File: VV014487.D
 Acq: 03 Feb 2020 16:22

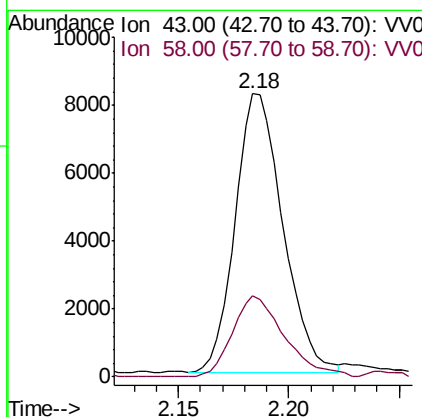
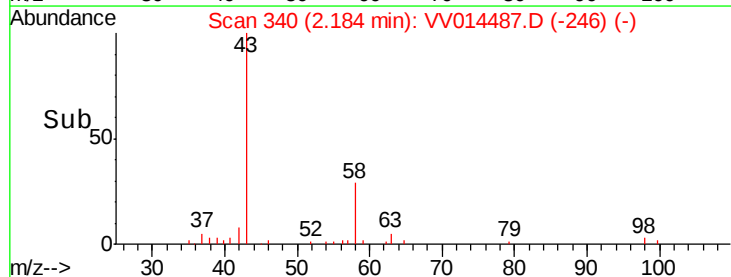
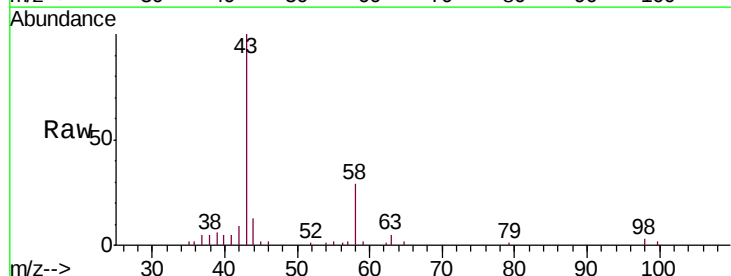
Instrument :
 MSVOA_V
 ClientSampleId :
 DBCS5

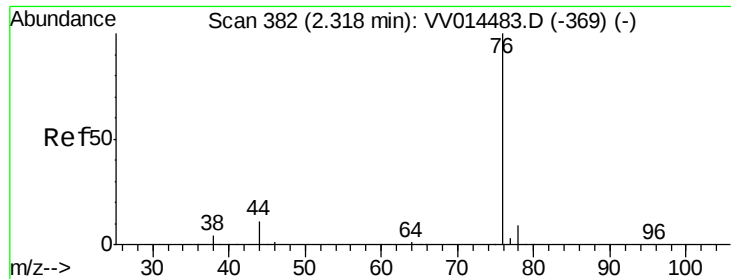
Tgt Ion: 96 Resp: 1317
 Ion Ratio Lower Upper
 96 100
 61 749.9 120.5 223.7#
 63 6036.1 87.1 161.7#



#13
 Acetone
 Concen: 9.731 ug/L
 RT: 2.18 min Scan# 340
 Delta R.T. 0.00 min
 Lab File: VV014487.D
 Acq: 03 Feb 2020 16:22

Tgt Ion: 43 Resp: 12338
 Ion Ratio Lower Upper
 43 100
 58 31.6 0.0 61.2





#14

Carbon disulfide

Concen: 1.315 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV014487.D

Acq: 03 Feb 2020 16:22

Instrument :

MSVOA_V

ClientSampleId :

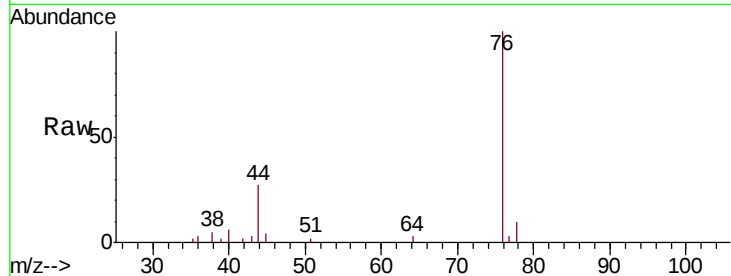
DBCS5

Tgt Ion: 76 Resp: 9767

Ion Ratio Lower Upper

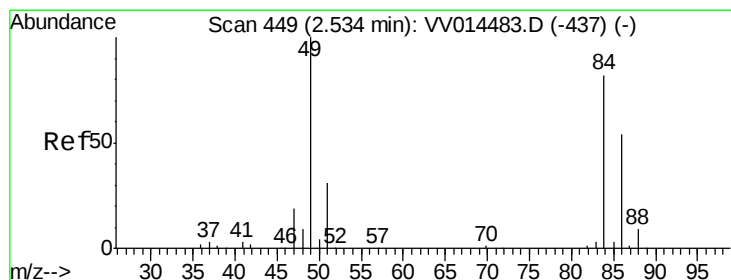
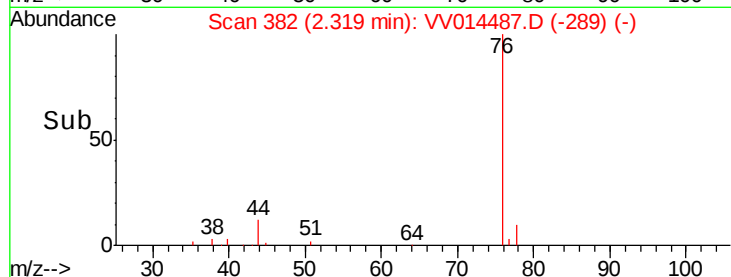
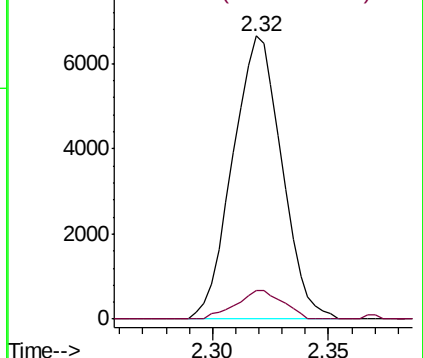
76 100

78 10.0 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: 1.387 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV014487.D

Acq: 03 Feb 2020 16:22

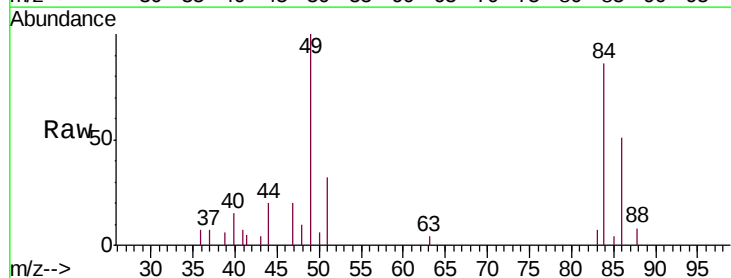
Tgt Ion: 84 Resp: 4041

Ion Ratio Lower Upper

84 100

86 59.4 45.6 84.8

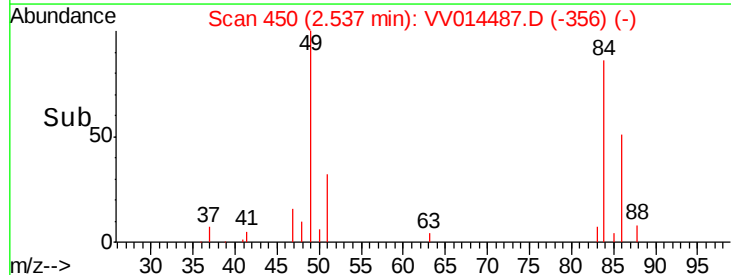
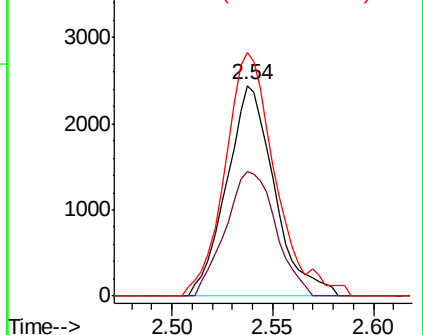
49 115.7 82.7 153.7

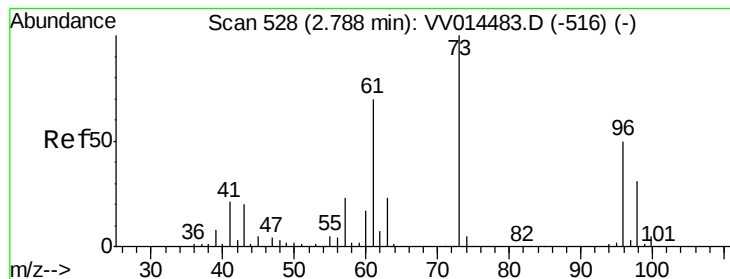


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 0.806 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV014487.D

Acq: 03 Feb 2020 16:22

Instrument :

MSVOA_V

ClientSampleId :

DBCS5

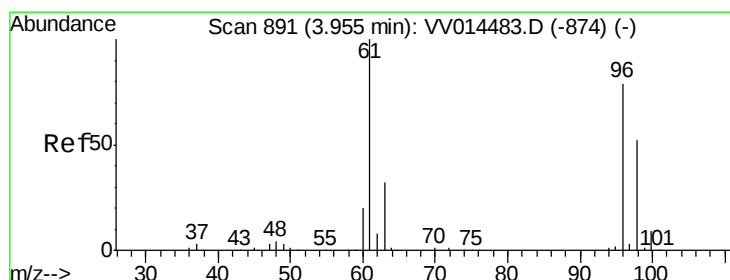
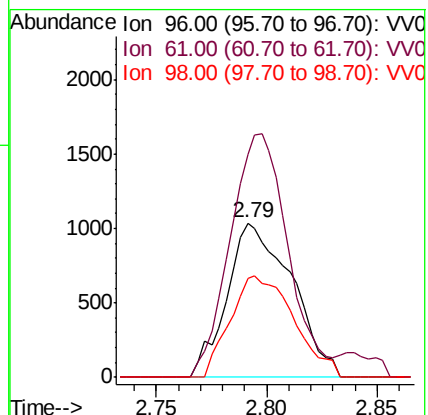
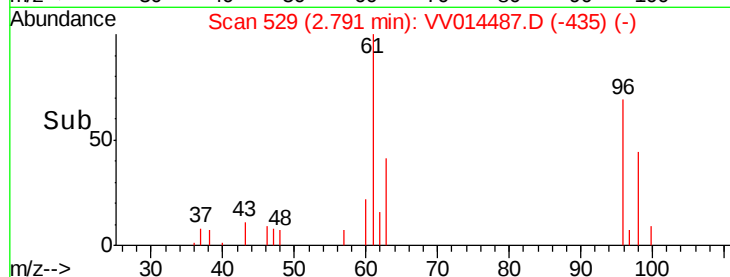
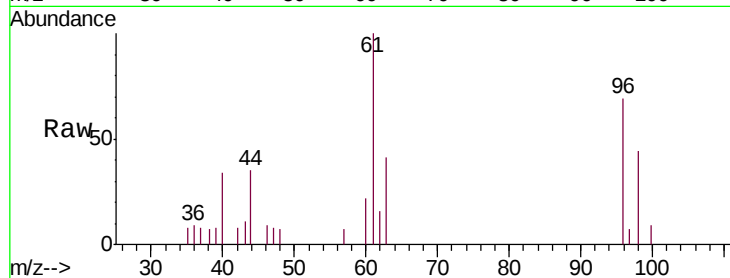
Tgt Ion: 96 Resp: 2115

Ion Ratio Lower Upper

96 100

61 144.8 96.7 179.7

98 64.3 44.1 81.9



#20

cis-1,2-Dichloroethene

Concen: 12.731 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.01 min

Lab File: VV014487.D

Acq: 03 Feb 2020 16:22

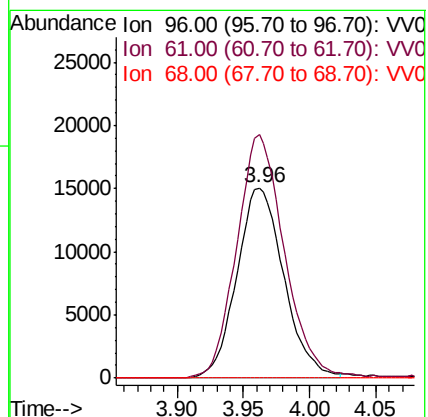
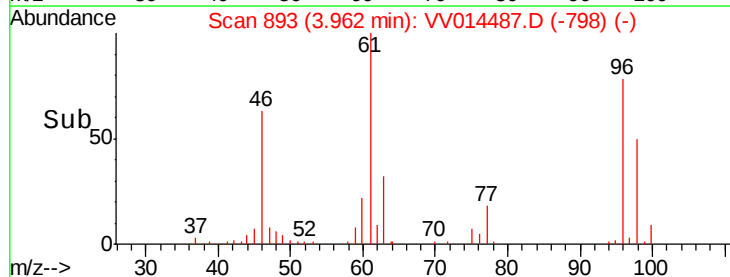
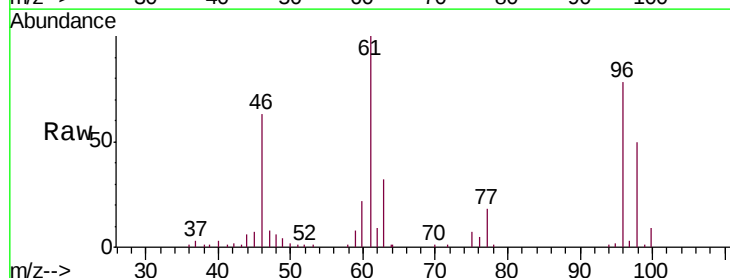
Tgt Ion: 96 Resp: 37253

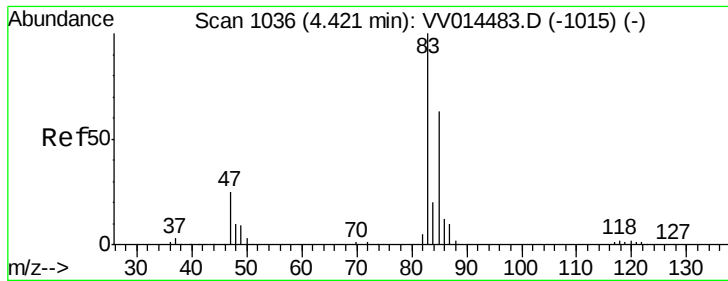
Ion Ratio Lower Upper

96 100

61 127.9 88.9 165.1

68 0.0 0.0 0.0

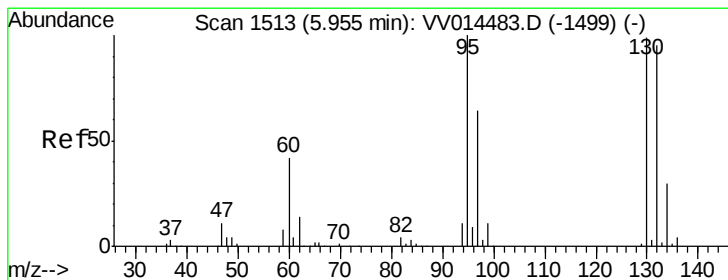
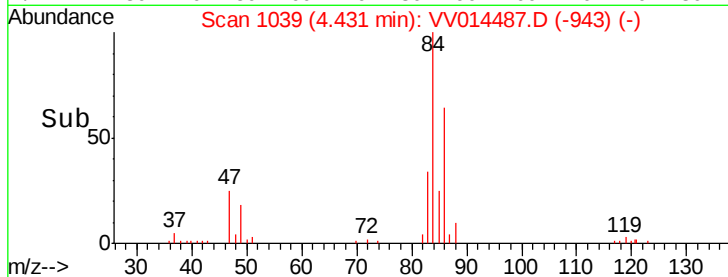
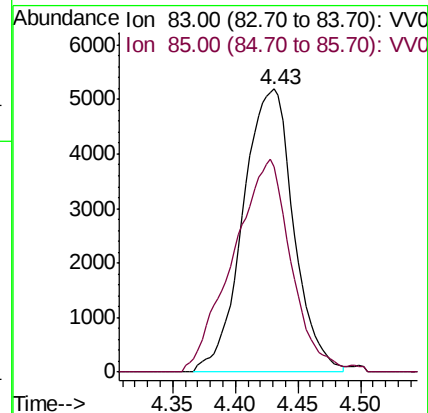
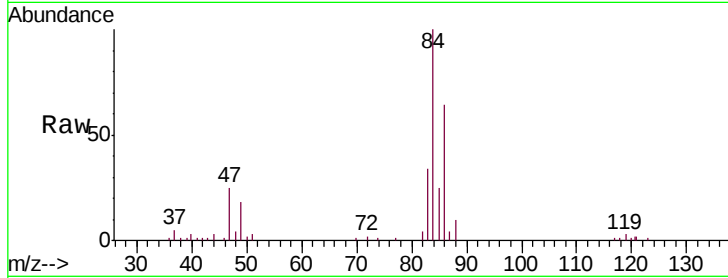




#25
Chloroform
Concen: 3.022 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV014487.D
Acq: 03 Feb 2020 16:22

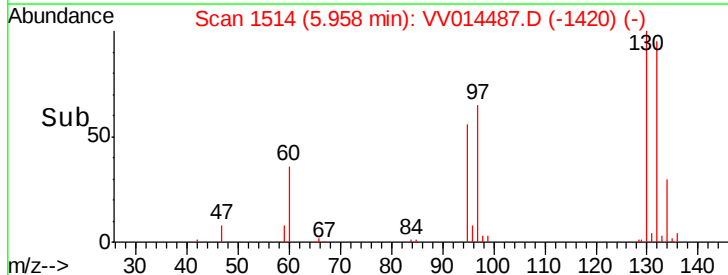
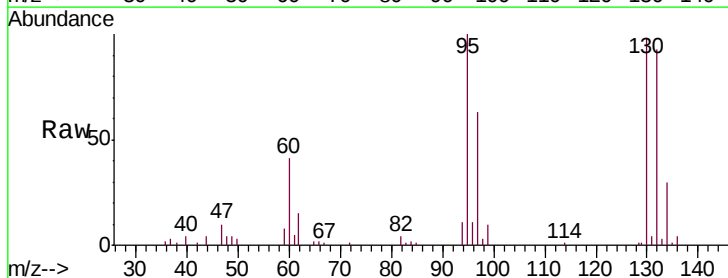
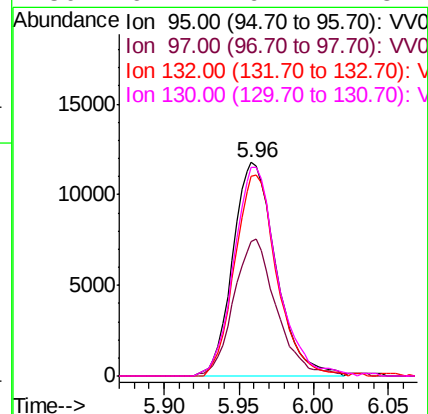
Instrument :
MSVOA_V
ClientSampleId :
DBCS5

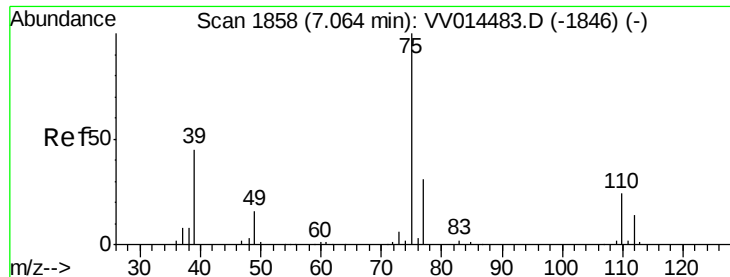
Tgt Ion: 83 Resp: 14575
Ion Ratio Lower Upper
83 100
85 72.7 45.1 83.7



#34
Trichloroethene
Concen: 8.609 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV014487.D
Acq: 03 Feb 2020 16:22

Tgt Ion: 95 Resp: 23727
Ion Ratio Lower Upper
95 100
97 63.1 44.7 83.1
132 93.3 65.4 121.4
130 97.7 67.7 125.7



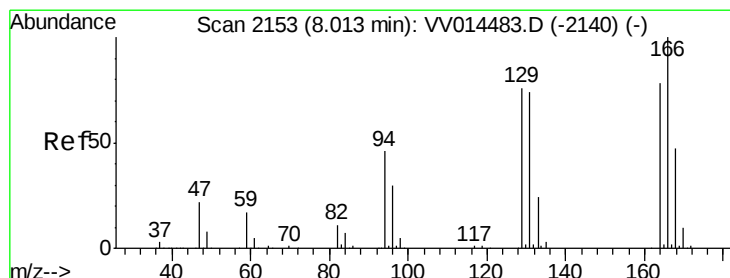
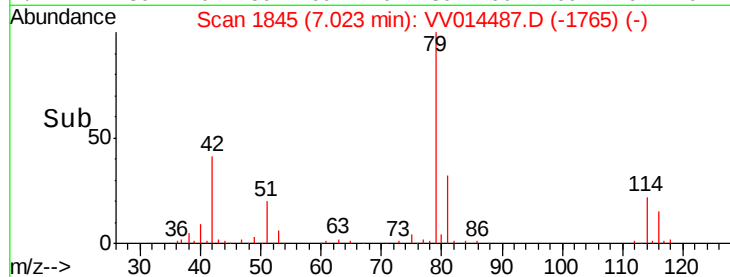
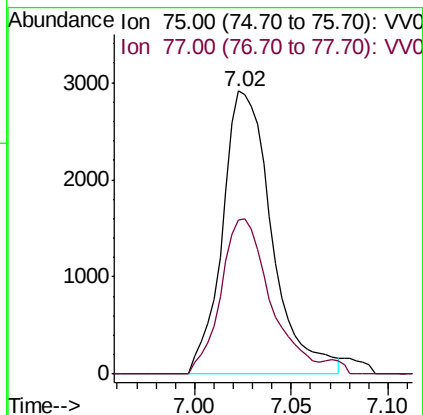
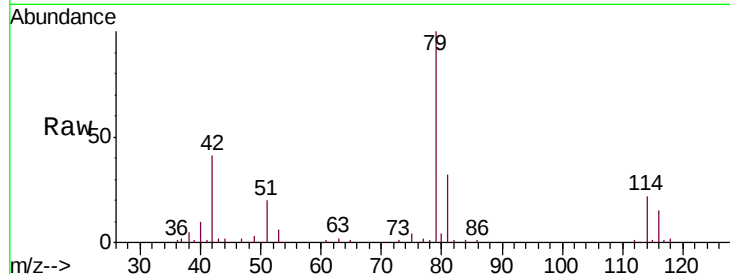


#39

cis-1,3-Dichloropropene
Concen: 1.153 ug/L
RT: 7.02 min Scan# 1845
Delta R.T. -0.04 min
Lab File: VV014487.D
Acq: 03 Feb 2020 16:22

Instrument :
MSVOA_V
ClientSampleId :
DBCS5

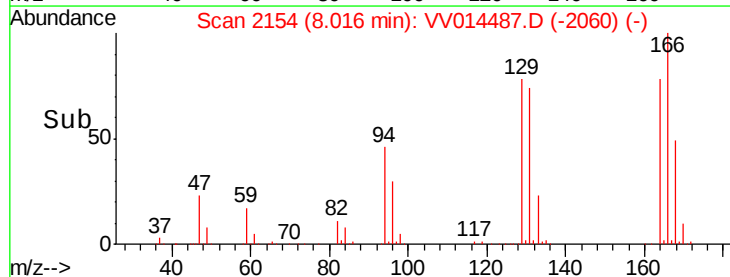
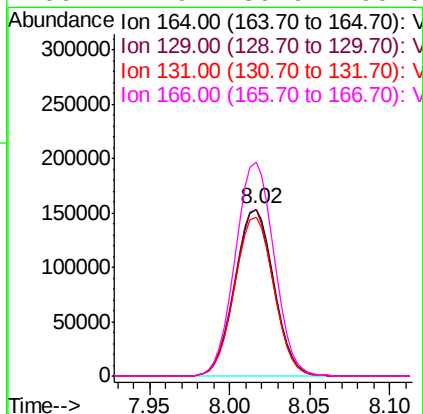
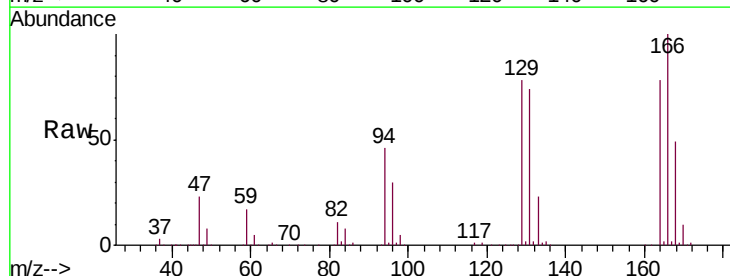
Tgt Ion: 75 Resp: 5172
Ion Ratio Lower Upper
75 100
77 54.3 22.7 42.3#

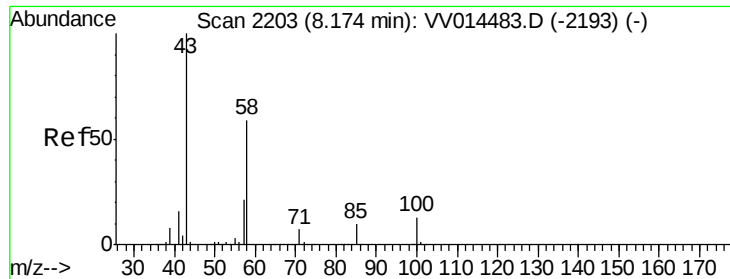


#46

Tetrachloroethene
Concen: 126.520 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV014487.D
Acq: 03 Feb 2020 16:22

Tgt Ion: 164 Resp: 255030
Ion Ratio Lower Upper
164 100
129 99.3 70.4 130.8
131 95.0 65.5 121.7
166 127.9 89.9 166.9

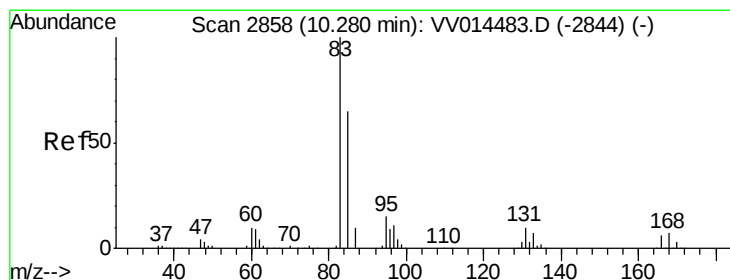
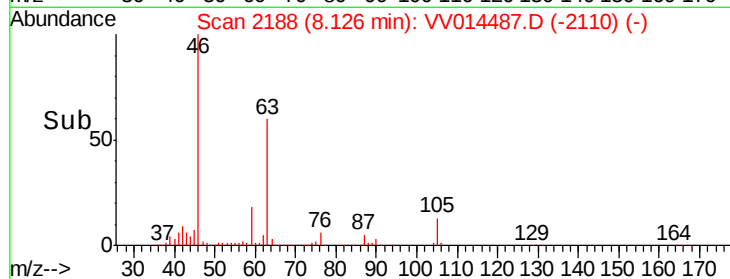
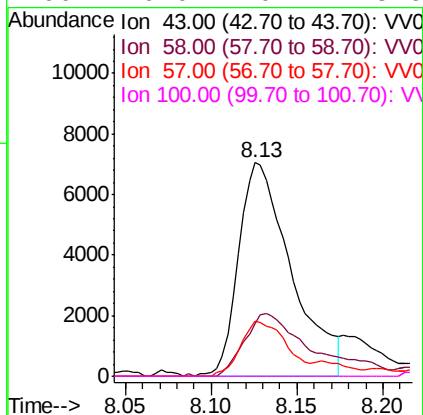
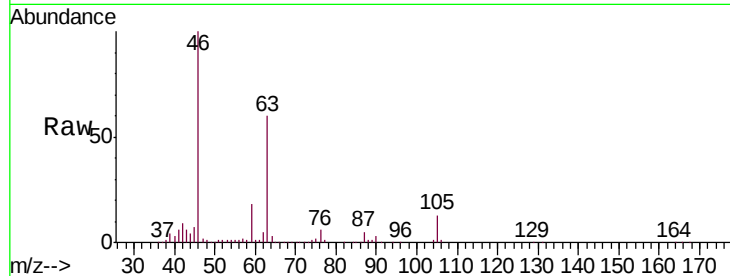




#48
 2-Hexanone
 Concen: 5.846 ug/L
 RT: 8.13 min Scan# 2188
 Delta R.T. -0.05 min
 Lab File: VV014487.D
 Acq: 03 Feb 2020 16:22

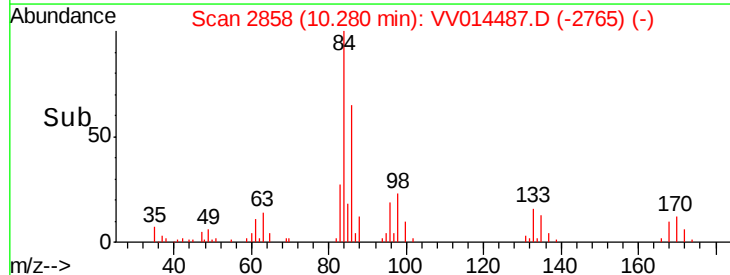
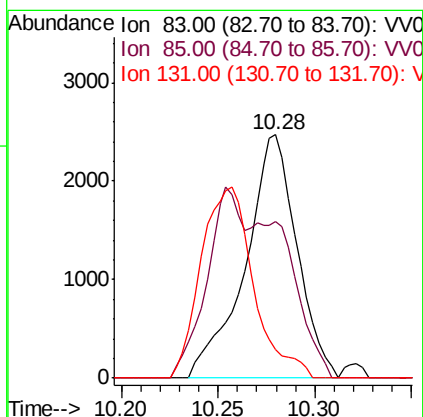
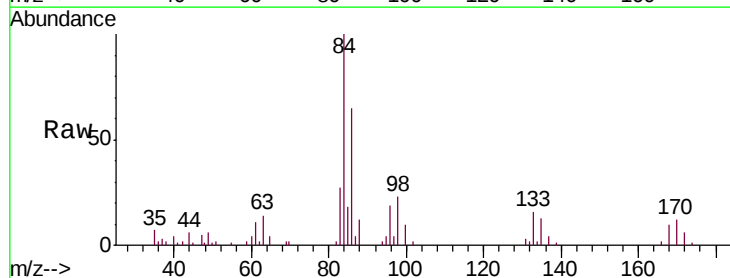
Instrument :
 MSVOA_V
 ClientSampleId :
 DBCS5

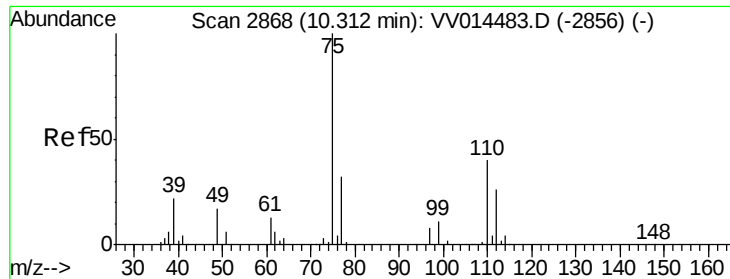
Tgt Ion: 43 Resp: 15078
 Ion Ratio Lower Upper
 43 100
 58 37.7 48.0 72.0#
 57 22.3 15.0 22.6
 100 0.0 10.4 15.6#



#58
 1,1,2,2-Tetrachloroethane
 Concen: 1.117 ug/L
 RT: 10.28 min Scan# 2858
 Delta R.T. 0.00 min
 Lab File: VV014487.D
 Acq: 03 Feb 2020 16:22

Tgt Ion: 83 Resp: 4596
 Ion Ratio Lower Upper
 83 100
 85 64.2 44.2 82.2
 131 11.8 7.6 11.4#

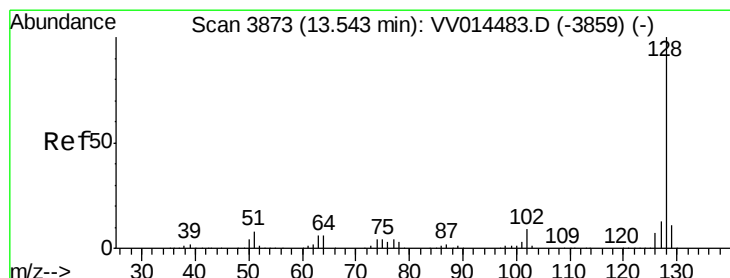
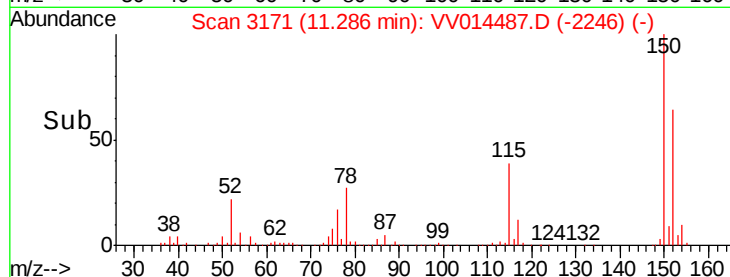
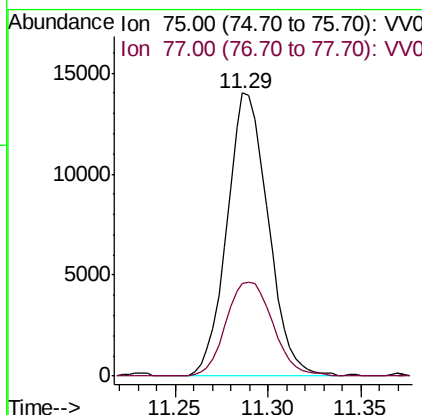
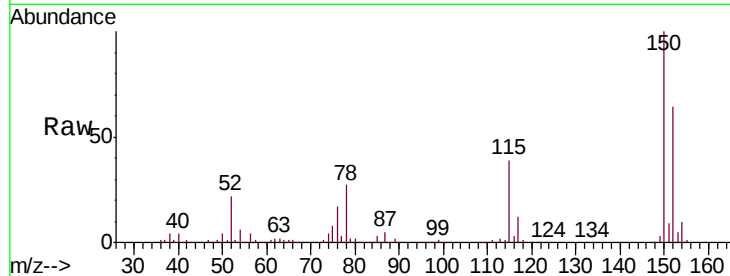




#59
 1,2,3-Trichloropropane
 Concen: 6.730 ug/L
 RT: 11.29 min Scan# 3171
 Delta R.T. 0.97 min
 Lab File: VV014487.D
 Acq: 03 Feb 2020 16:22

Instrument :
 MSVOA_V
 ClientSampleId :
 DBCS5

Tgt Ion: 75 Resp: 21689
 Ion Ratio Lower Upper
 75 100
 77 37.8 25.9 38.9



#69
 Naphthalene
 Concen: 1.184 ug/L
 RT: 13.55 min Scan# 3875
 Delta R.T. 0.01 min
 Lab File: VV014487.D
 Acq: 03 Feb 2020 16:22

Tgt Ion: 128 Resp: 12527
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.2 15.4
 129 9.8 8.6 13.0

