

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018991.D
 Acq On : 20 Oct 2020 01:56
 Operator : SY/MD
 Sample : L4430-05 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB4DL

Quant Time: Oct 20 03:25:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 03:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	296078	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	297878	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	140720	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93340	38.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.60%
7) Chloroethane-d5	1.58	69	85257	44.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.30%
11) 1,1-Dichloroethene-d2	2.12	63	152433	33.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.26%
21) 2-Butanone-d5	3.91	46	173254	101.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.99%
24) Chloroform-d	4.38	84	200063	45.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.38%
26) 1,2-Dichloroethane-d4	5.06	65	137216	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.42%
32) Benzene-d6	5.07	84	368666	42.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.78%
36) 1,2-Dichloropropane-d6	6.09	67	122934	44.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.42%
41) Toluene-d8	7.34	98	321047	41.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.30%
43) trans-1,3-Dichloropropene-	7.64	79	55628	40.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.86%
47) 2-Hexanone-d5	8.11	63	87314	84.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.54%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	132106	40.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	137155	47.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.82%

Target Compounds

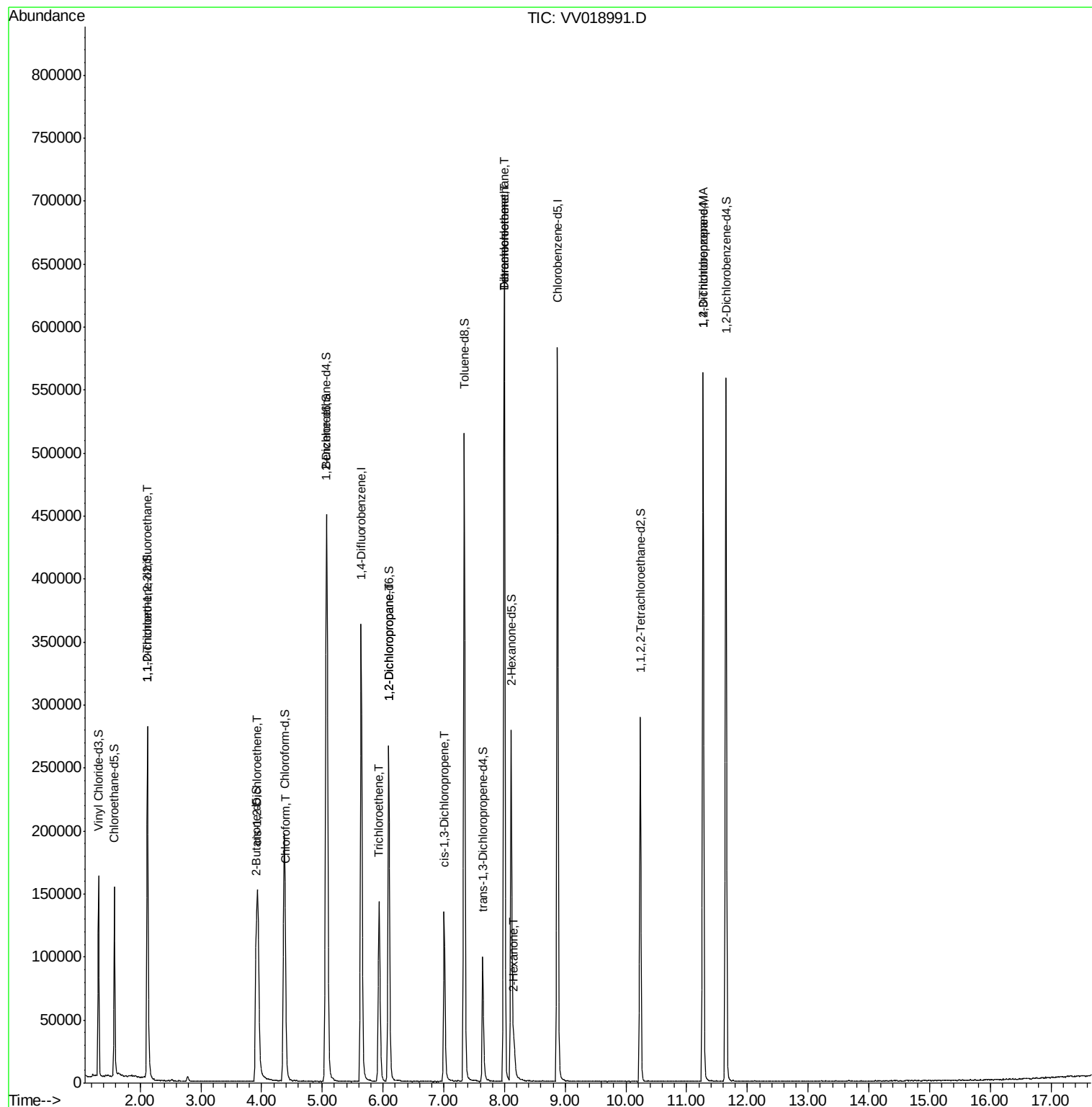
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1418	0.738	ug/L # 20
20) cis-1,2-Dichloroethene	3.94	96	59406	25.941	ug/L 98
25) Chloroform	4.40	83	5564	1.316	ug/L 88
34) Trichloroethene	5.94	95	40575	15.409	ug/L 99
37) 1,2-Dichloropropane	6.09	63	14242	5.826	ug/L # 88
39) cis-1,3-Dichloropropene	7.01	75	3436	0.935	ug/L # 64
46) Tetrachloroethene	8.00	164	149186	80.390	ug/L 99
48) 2-Hexanone	8.16	43	14916	5.581	ug/L # 82
49) Dibromochloromethane	8.00	129	132862	55.193	ug/L # 10
59) 1,2,3-Trichloropropane	11.27	75	16978	5.738	ug/L 95

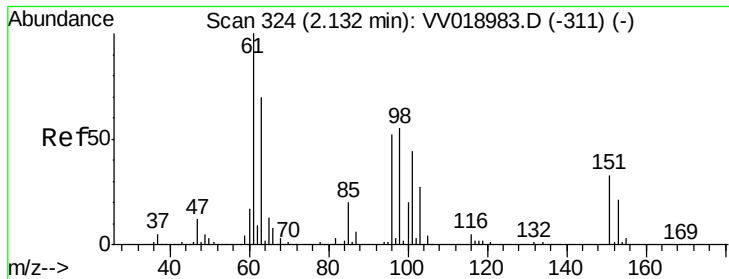
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.738 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018991.D

Acq: 20 Oct 2020 01:56

Instrument :

MSVOA_V

ClientSampleId :

C0AB4DL

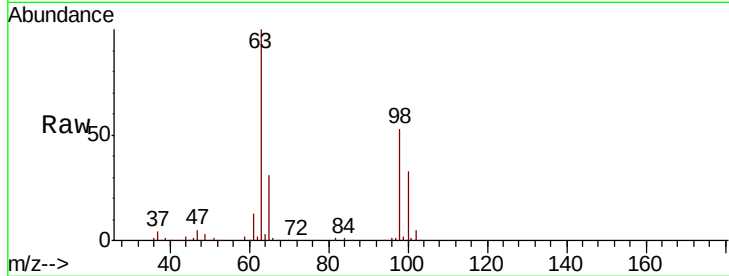
Tot Ion:101 Resp: 1418

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

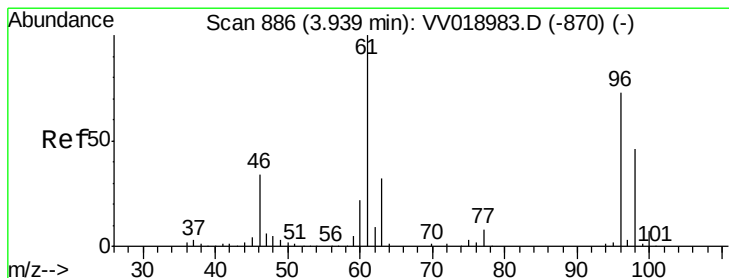
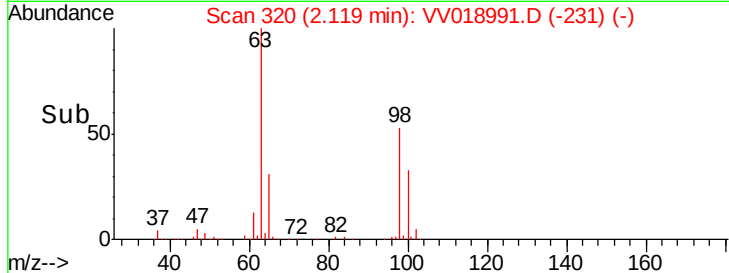
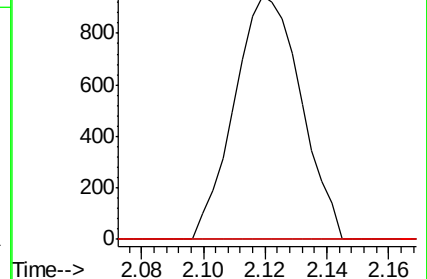
151 0.0 59.7 89.5#



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



#20

cis-1,2-Dichloroethene

Concen: 25.941 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV018991.D

Acq: 20 Oct 2020 01:56

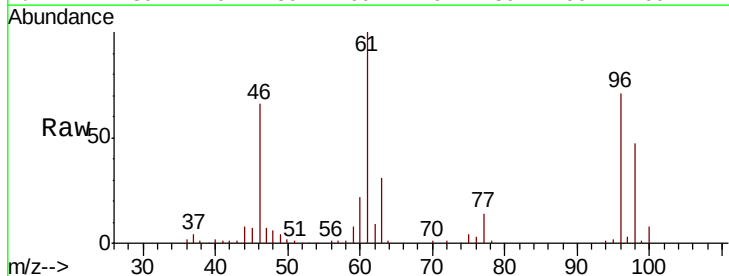
Tgt Ion: 96 Resp: 59406

Ion Ratio Lower Upper

96 100

61 139.9 96.1 178.5

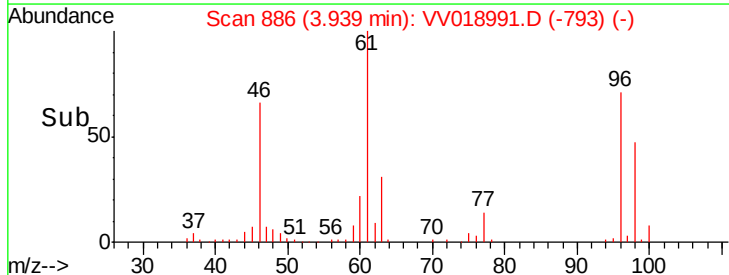
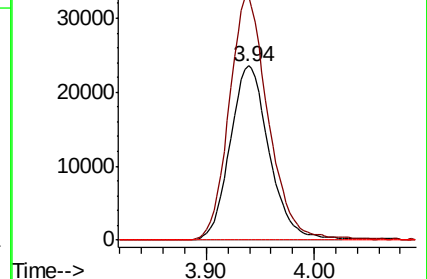
68 0.0 0.0 0.0

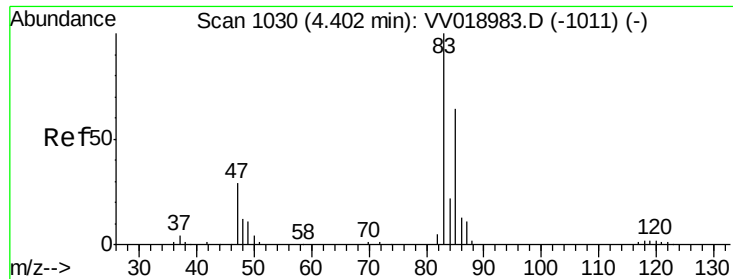


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

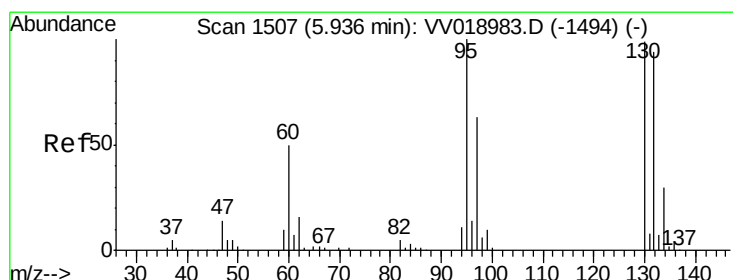
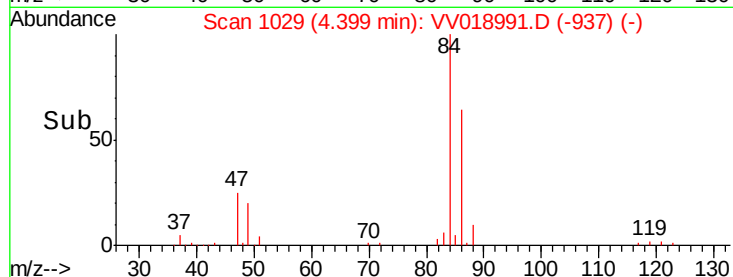
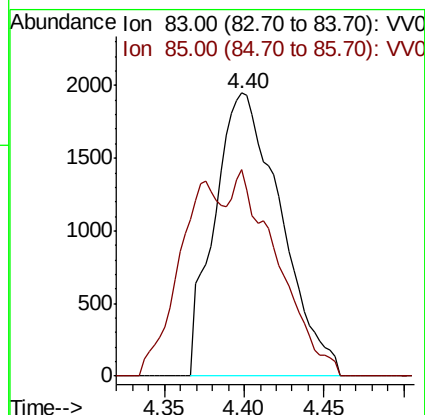
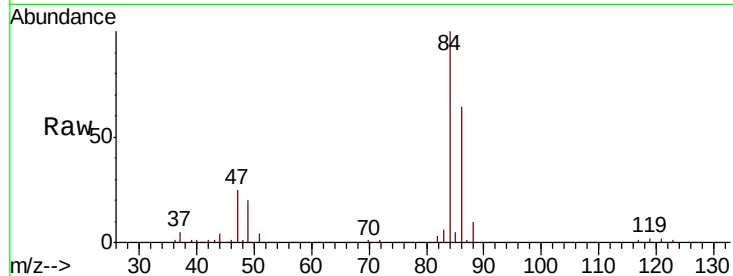




#25
Chloroform
Concen: 1.316 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV018991.D
Acq: 20 Oct 2020 01:56

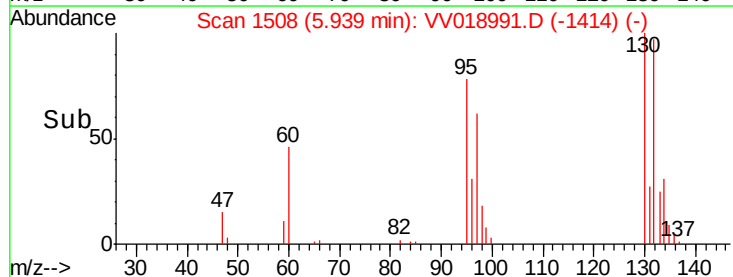
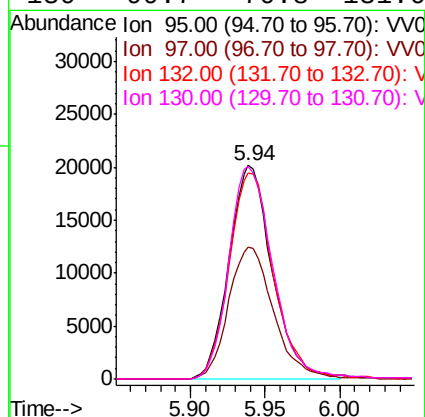
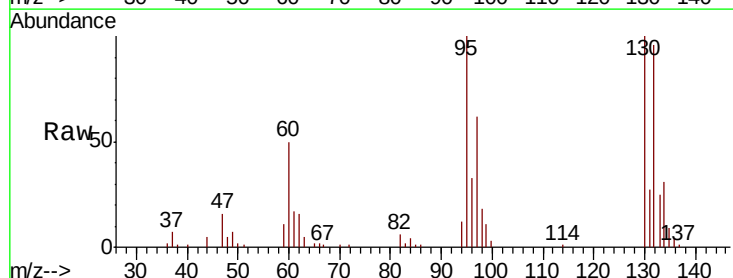
Instrument :
MSVOA_V
ClientSampleId :
C0AB4DL

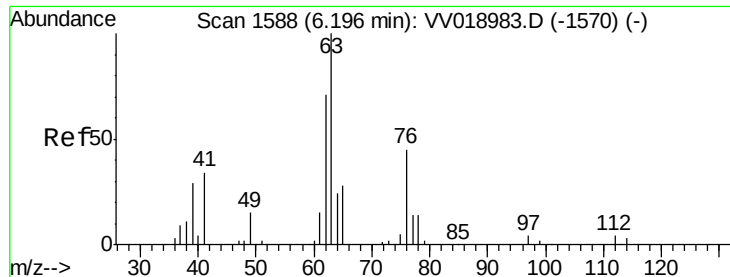
Tot Ion: 83 Resp: 5564
Ion Ratio Lower Upper
83 100
85 72.9 44.6 82.8



#34
Trichloroethene
Concen: 15.409 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV018991.D
Acq: 20 Oct 2020 01:56

Tgt Ion: 95 Resp: 40575
Ion Ratio Lower Upper
95 100
97 62.0 44.7 82.9
132 96.2 67.0 124.4
130 99.7 70.8 131.6

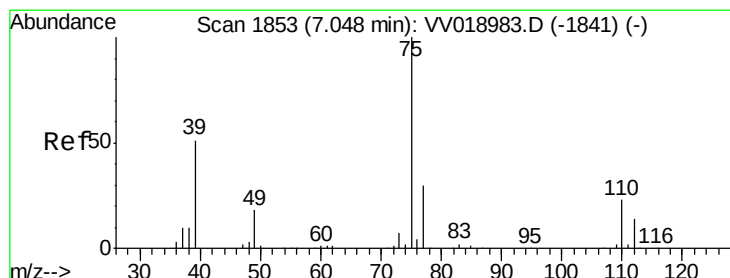
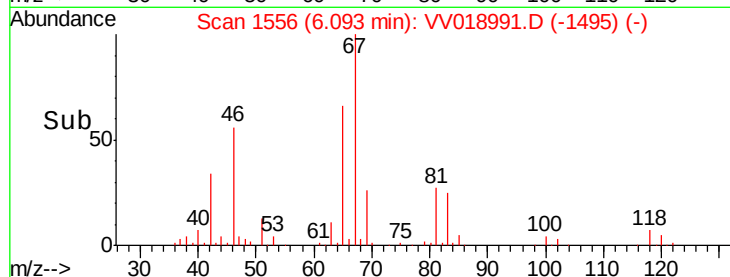
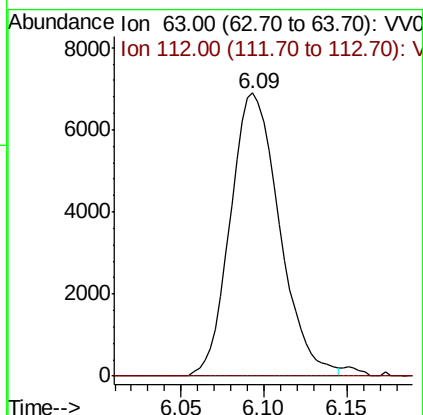
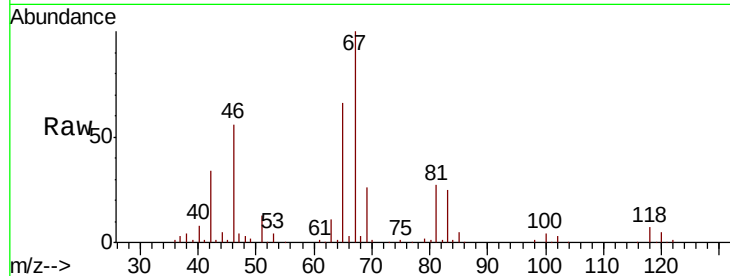




#37
 1,2-Dichloropropane
 Concen: 5.826 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018991.D
 Acq: 20 Oct 2020 01:56

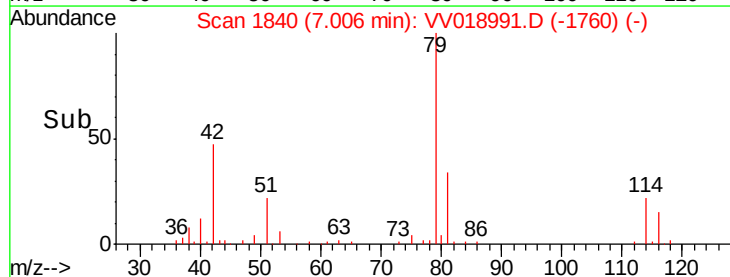
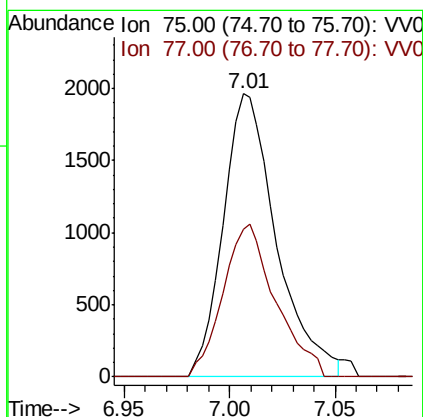
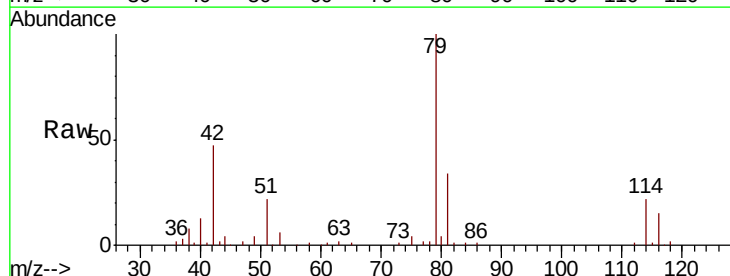
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB4DL

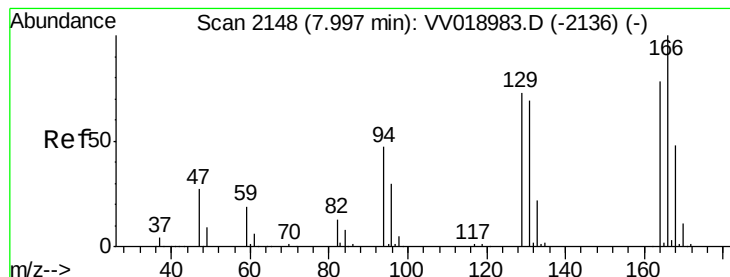
Tot Ion: 63 Resp: 14242
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.935 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018991.D
 Acq: 20 Oct 2020 01:56

Tgt Ion: 75 Resp: 3436
 Ion Ratio Lower Upper
 75 100
 77 52.1 22.5 41.9#





#46

Tetrachloroethene

Concen: 80.390 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV018991.D

Acq: 20 Oct 2020 01:56

Instrument :

MSVOA_V

ClientSampleId :

C0AB4DL

Tot Ion:164 Resp: 149186

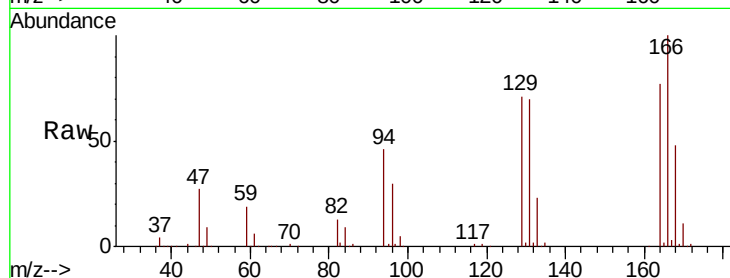
Ion Ratio Lower Upper

164 100

129 91.5 65.0 120.8

131 90.1 62.9 116.7

166 129.5 91.1 169.3

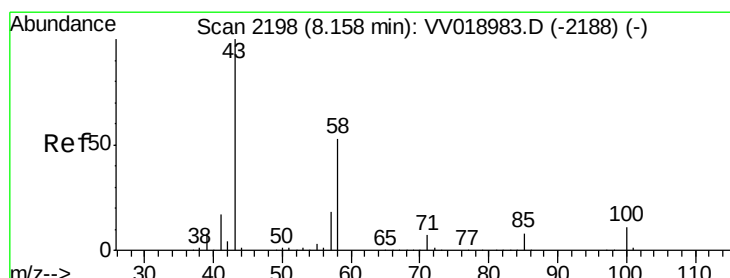
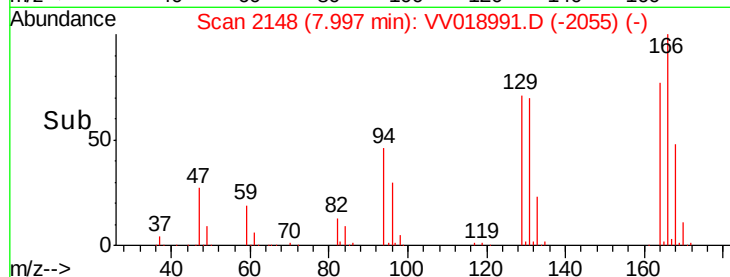
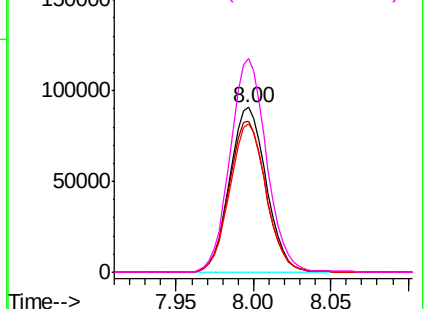


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 5.581 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018991.D

Acq: 20 Oct 2020 01:56

Tgt Ion: 43 Resp: 14916

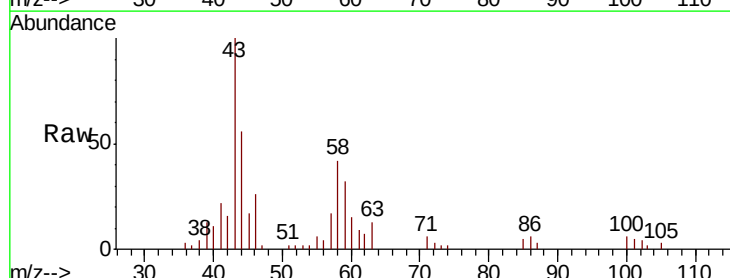
Ion Ratio Lower Upper

43 100

58 36.2 42.5 63.7#

57 14.7 14.5 21.7

100 8.4 9.0 13.4#

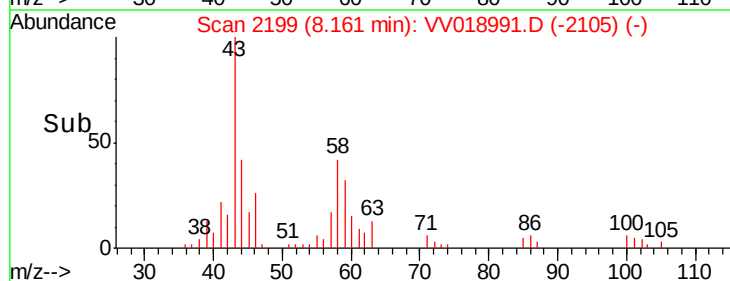
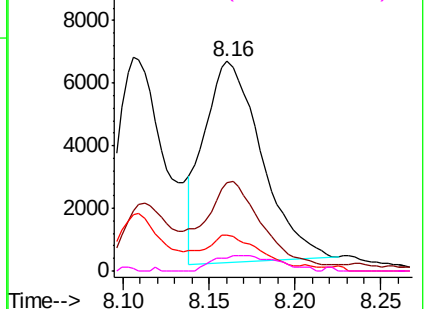


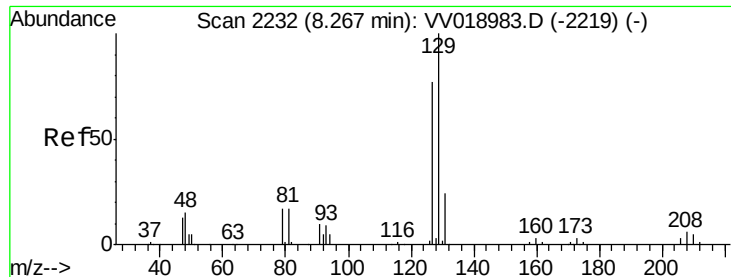
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 55.193 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV018991.D

Acq: 20 Oct 2020 01:56

Instrument :

MSVOA_V

ClientSampleId :

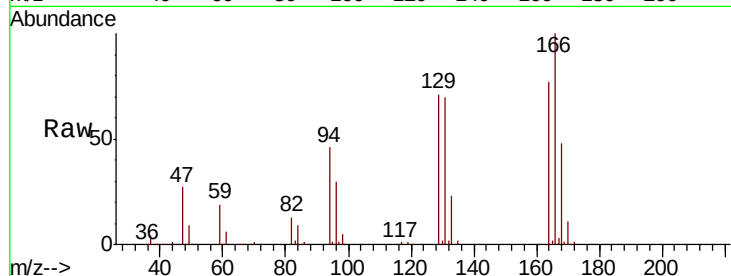
C0AB4DL

Tot Ion:129 Resp: 132862

Ion Ratio Lower Upper

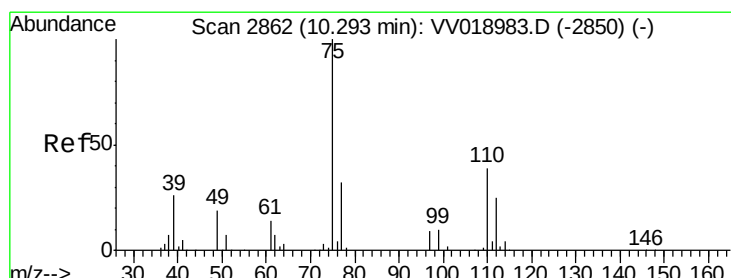
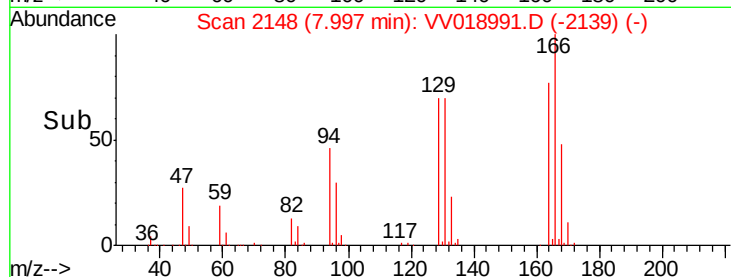
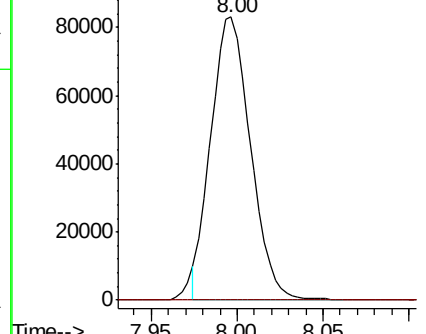
129 100

127 0.0 55.2 102.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.738 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018991.D

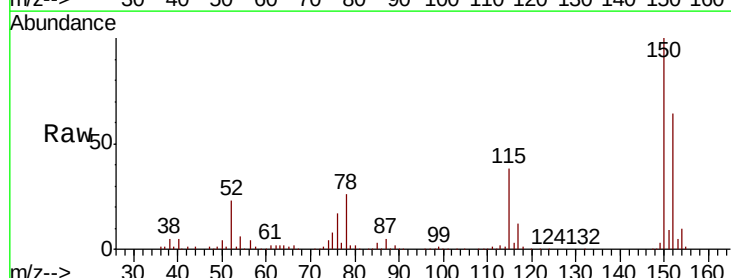
Acq: 20 Oct 2020 01:56

Tgt Ion: 75 Resp: 16978

Ion Ratio Lower Upper

75 100

77 34.5 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

