

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081020\
 Data File : VV017907.D
 Acq On : 10 Aug 2020 19:37
 Operator : SY/MD
 Sample : L3608-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L95

Quant Time: Aug 11 02:22:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:17:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	230983	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	221107	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	111218	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	45879	38.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.92%
7) Chloroethane-d5	1.58	69	41286	40.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.48%
11) 1,1-Dichloroethene-d2	2.12	63	82437	28.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.52%#
21) 2-Butanone-d5	3.91	46	77143	103.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.28%
24) Chloroform-d	4.38	84	140443	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.06	65	109332	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
32) Benzene-d6	5.07	84	237119	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
36) 1,2-Dichloropropane-d6	6.09	67	63039	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.38%
41) Toluene-d8	7.34	98	229680	44.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.52%
43) trans-1,3-Dichloropropene-	7.64	79	39861	47.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.64%
47) 2-Hexanone-d5	8.11	63	48059	102.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.50%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	96963	48.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.10%
64) 1,2-Dichlorobenzene-d4	11.65	152	111756	49.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.58%

Target Compounds

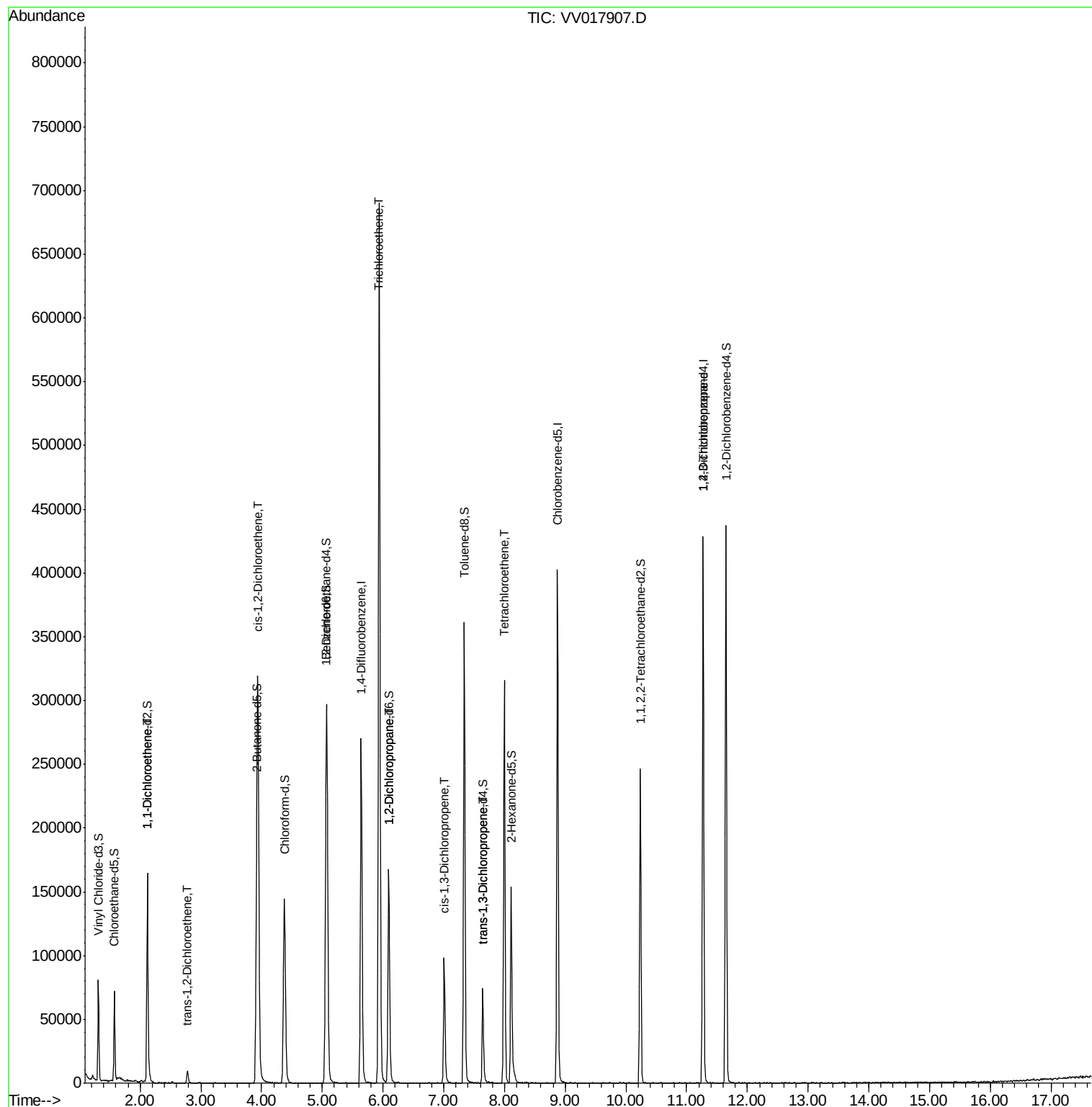
					Ovalue
12) 1,1-Dichloroethene	2.13	96	1203	0.884 ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	3731	2.686 ug/L	91
20) cis-1,2-Dichloroethene	3.94	96	175139	116.754 ug/L	95
34) Trichloroethene	5.94	95	221665	140.318 ug/L	99
37) 1,2-Dichloropropane	6.10	63	9715	8.495 ug/L #	79
39) cis-1,3-Dichloropropene	7.00	75	2922	1.486 ug/L #	71
44) trans-1,3-Dichloropropene	7.65	75	1874	0.907 ug/L #	61
46) Tetrachloroethene	8.00	164	70815	47.561 ug/L	93
59) 1,2,3-Trichloropropane	11.27	75	9763	5.544 ug/L #	78

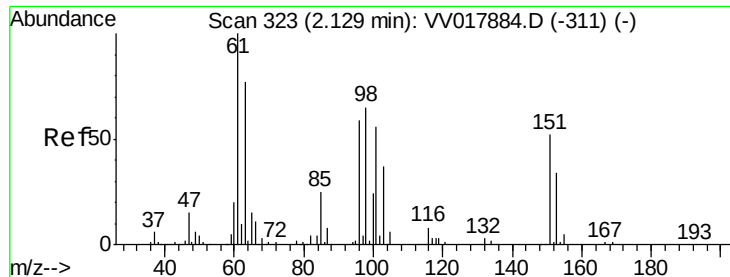
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.884 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV017907.D

Acq: 10 Aug 2020 19:37

Instrument :

MSVOA_V

ClientSampleId :

F2L95

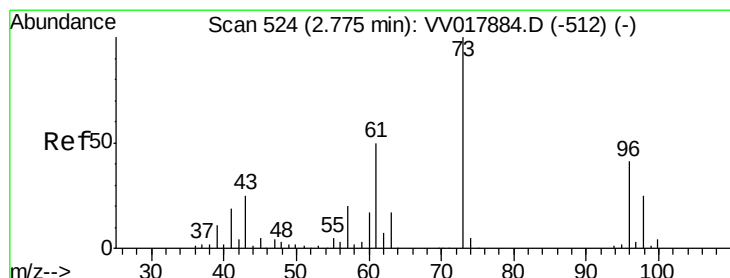
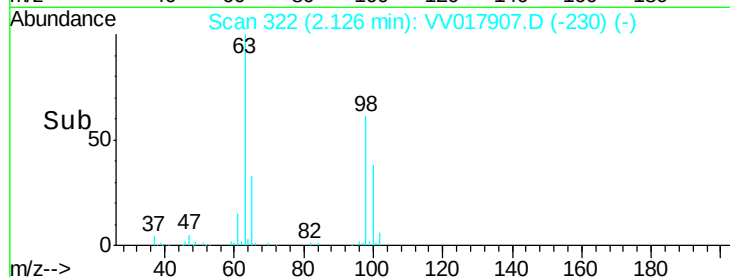
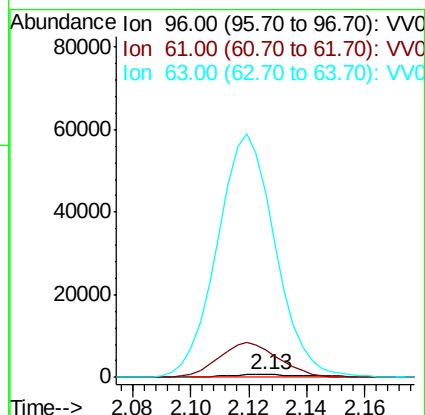
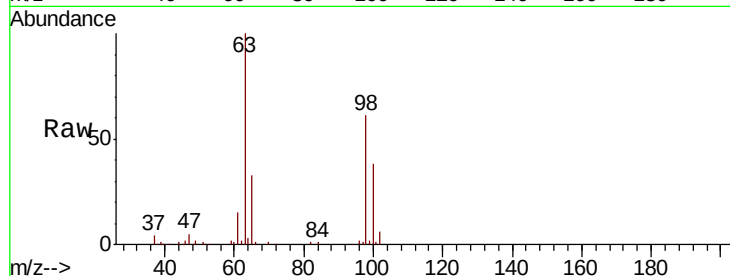
Tot Ion: 96 Resp: 1203

Ion Ratio Lower Upper

96 100

61 960.3 121.1 224.9#

63 6547.7 98.1 182.1#



#17

trans-1,2-Dichloroethene

Concen: 2.686 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV017907.D

Acq: 10 Aug 2020 19:37

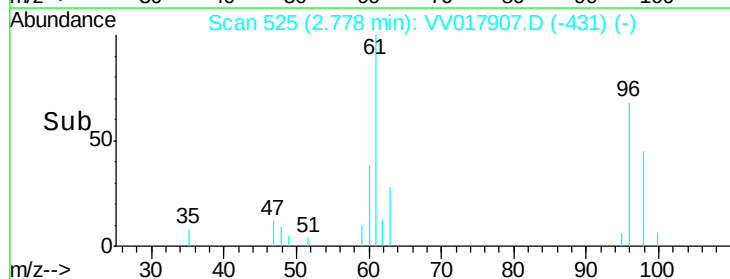
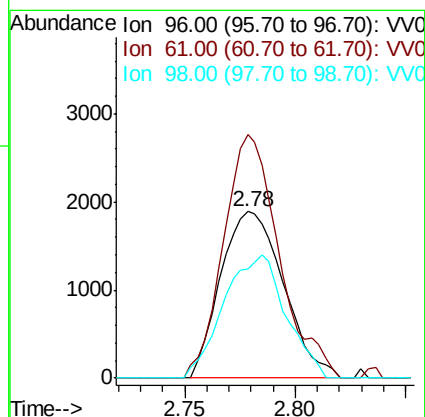
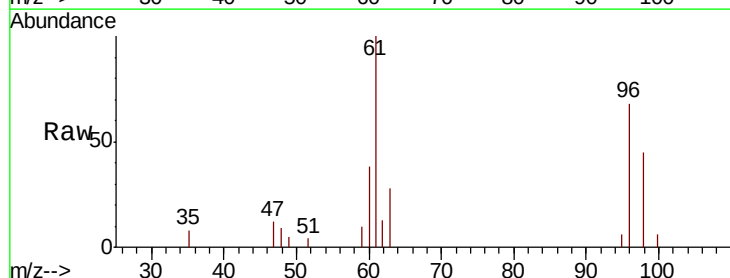
Tgt Ion: 96 Resp: 3731

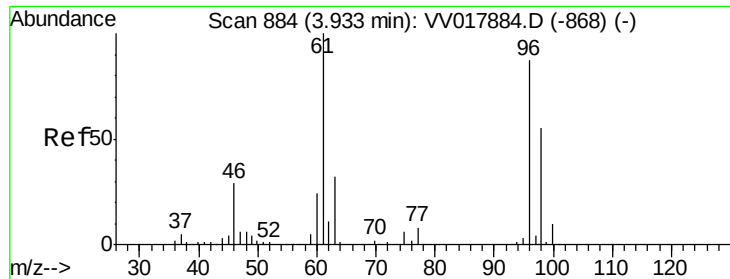
Ion Ratio Lower Upper

96 100

61 146.1 92.4 171.6

98 65.7 47.5 88.1

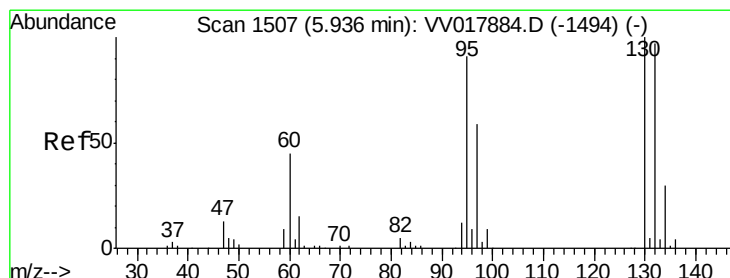
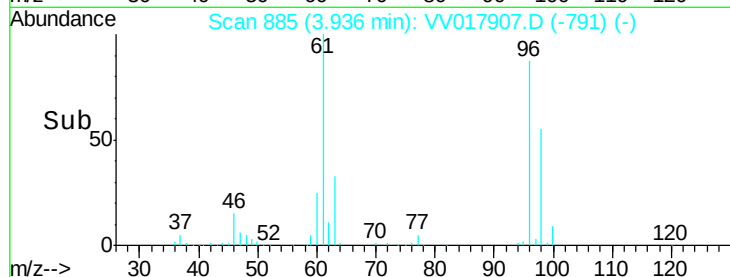
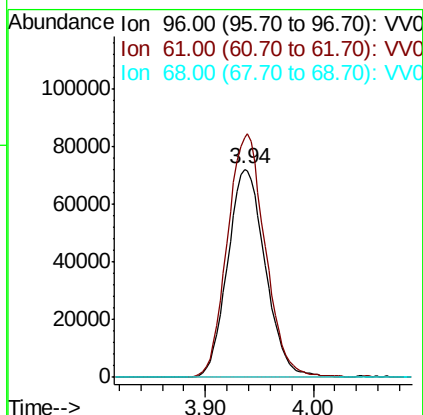
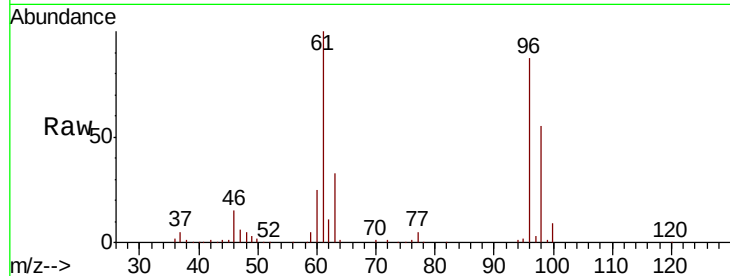




#20
 cis-1,2-Dichloroethene
 Concen: 116.754 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV017907.D
 Acq: 10 Aug 2020 19:37

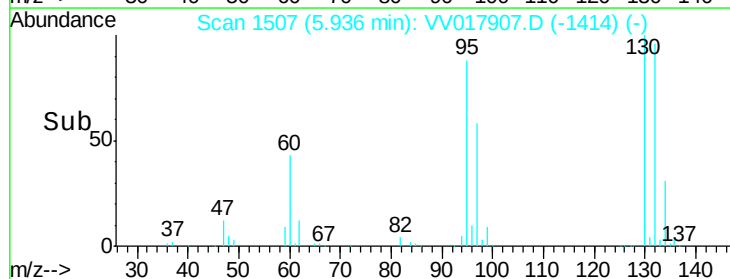
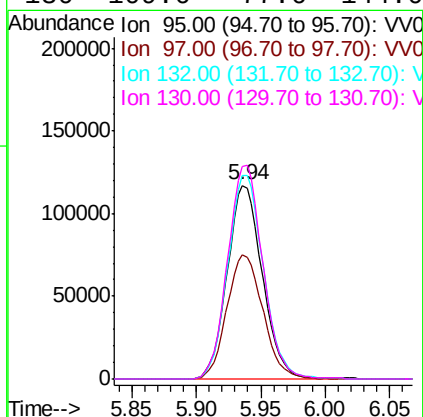
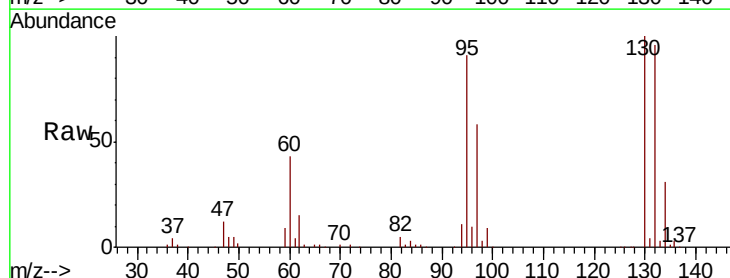
Instrument :
 MSVOA_V
 ClientSampled :
 F2L95

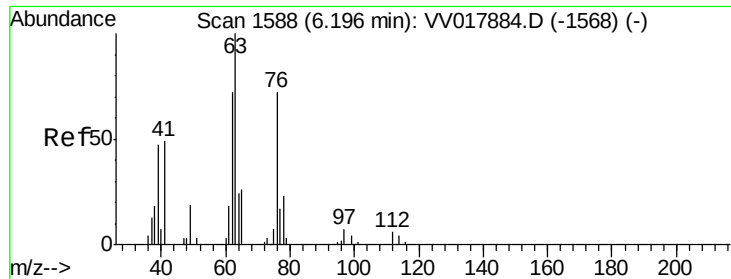
Tot Ion: 96 Resp: 175139
 Ion Ratio Lower Upper
 96 100
 61 114.8 84.4 156.8
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 140.318 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV017907.D
 Acq: 10 Aug 2020 19:37

Tgt Ion: 95 Resp: 221665
 Ion Ratio Lower Upper
 95 100
 97 64.0 44.7 83.1
 132 105.0 73.6 136.8
 130 109.6 77.6 144.0

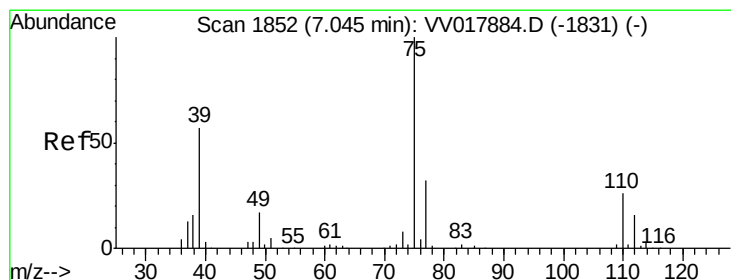
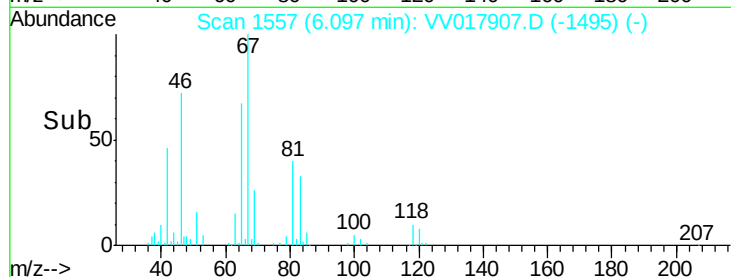
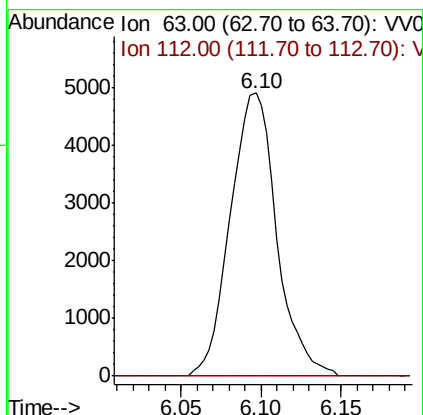
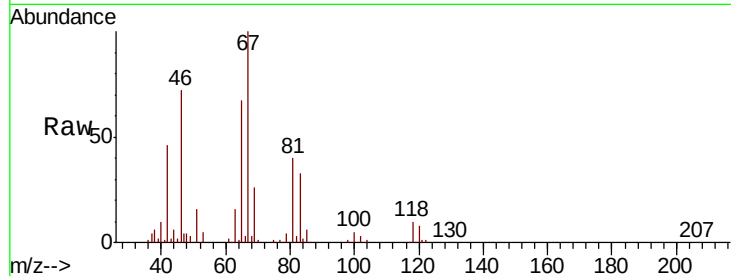




#37
 1,2-Dichloropropane
 Concen: 8.495 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017907.D
 Acq: 10 Aug 2020 19:37

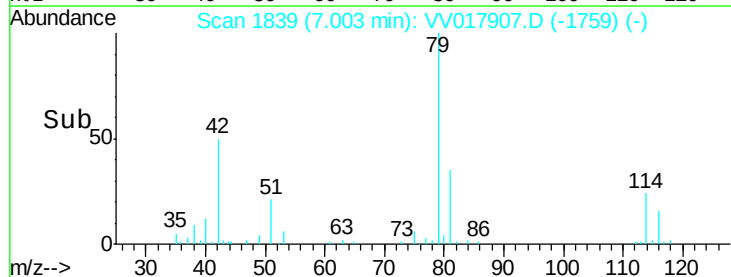
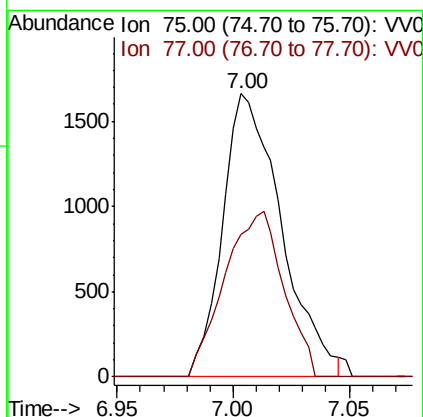
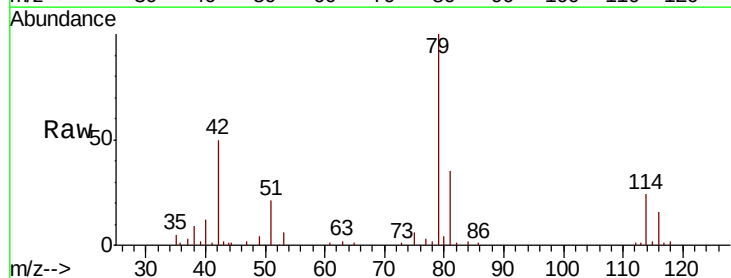
Instrument :
 MSVOA_V
 ClientSampled :
 F2L95

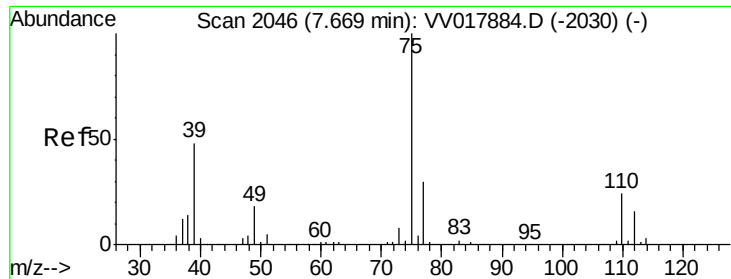
Tot Ion: 63 Resp: 9715
 Ion Ratio Lower Upper
 63 100
 112 0.0 5.8 8.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.486 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.04 min
 Lab File: VV017907.D
 Acq: 10 Aug 2020 19:37

Tgt Ion: 75 Resp: 2922
 Ion Ratio Lower Upper
 75 100
 77 50.4 23.7 44.1#

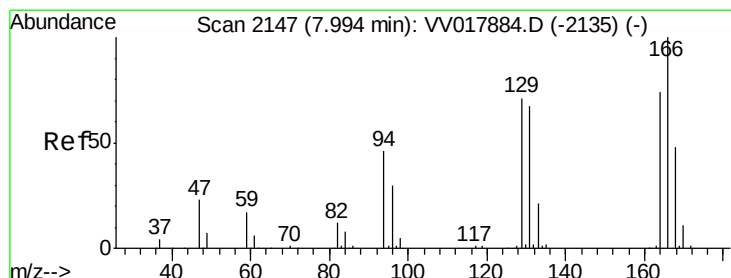
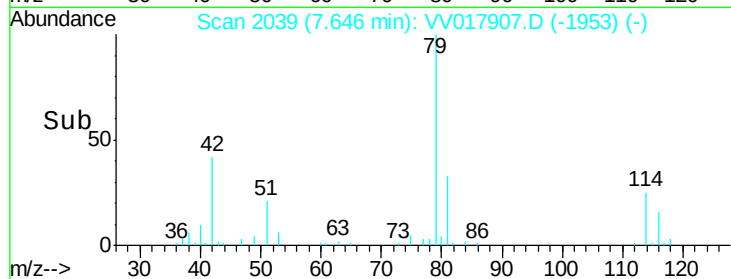
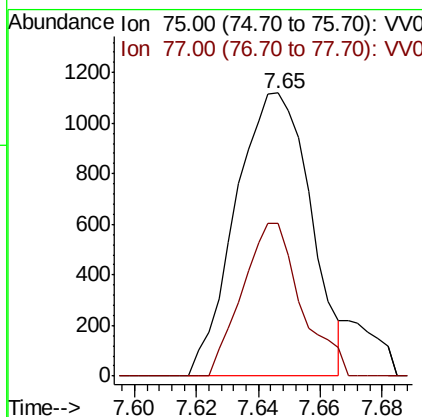
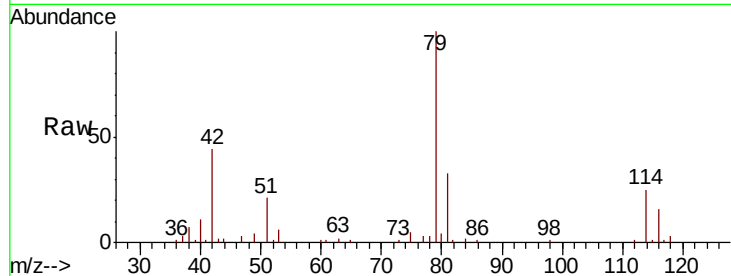




#44
trans-1,3-Dichloropropene
Concen: 0.907 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.02 min
Lab File: VV017907.D
Acq: 10 Aug 2020 19:37

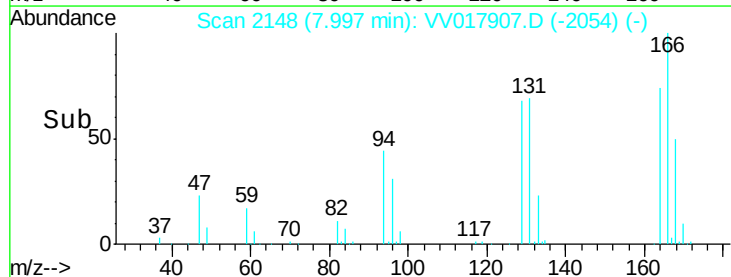
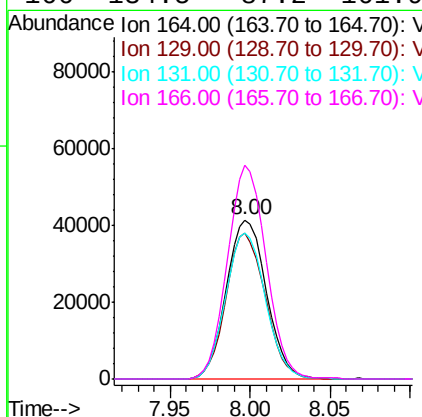
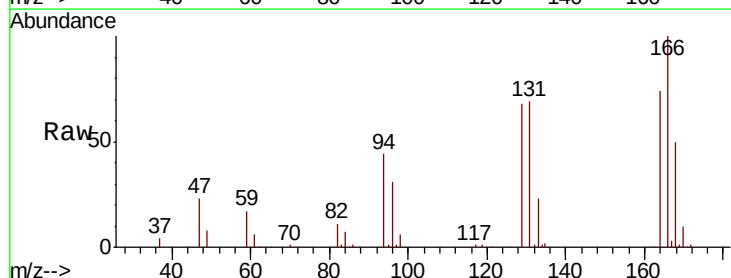
Instrument :
MSVOA_V
ClientSampleId :
F2L95

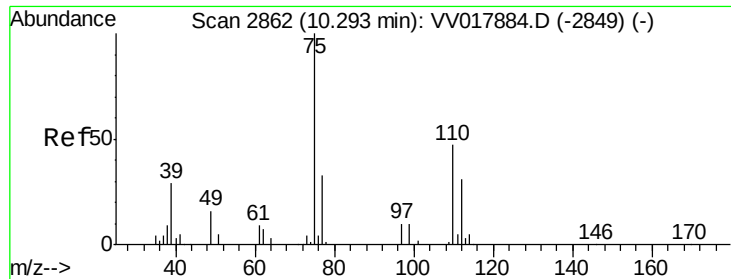
Tot Ion: 75 Resp: 1874
Ion Ratio Lower Upper
75 100
77 53.9 22.3 41.5#



#46
Tetrachloroethene
Concen: 47.561 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV017907.D
Acq: 10 Aug 2020 19:37

Tgt Ion: 164 Resp: 70815
Ion Ratio Lower Upper
164 100
129 91.5 61.6 114.4
131 92.2 59.6 110.8
166 134.5 87.2 161.9





#59

1,2,3-Trichloropropane

Concen: 5.544 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV017907.D

Acq: 10 Aug 2020 19:37

Instrument :

MSVOA_V

ClientSampleId :

F2L95

Tot Ion: 75 Resp: 9763

Ion Ratio Lower Upper

75 100

77 45.3 26.4 39.6#

