

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061920\
 Data File : VV017007.D
 Acq On : 19 Jun 2020 18:11
 Operator : SY/MD
 Sample : L3074-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M12

Quant Time: Jun 20 02:07:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 20 02:04:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	330135	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	310115	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	143639	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101553	43.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.18%
7) Chloroethane-d5	1.58	69	62491	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.42%
11) 1,1-Dichloroethene-d2	2.12	63	146067	37.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.68%
21) 2-Butanone-d5	3.91	46	156295	90.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.65%
24) Chloroform-d	4.38	84	220097	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
26) 1,2-Dichloroethane-d4	5.06	65	155029	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.24%
32) Benzene-d6	5.07	84	428980	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
36) 1,2-Dichloropropane-d6	6.09	67	130723	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.82%
41) Toluene-d8	7.34	98	389901	47.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.06%
43) trans-1,3-Dichloropropene-	7.64	79	64919	44.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.46%
47) 2-Hexanone-d5	8.11	63	91651	75.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.44%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	158175	42.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	153714	50.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.30%

Target Compounds

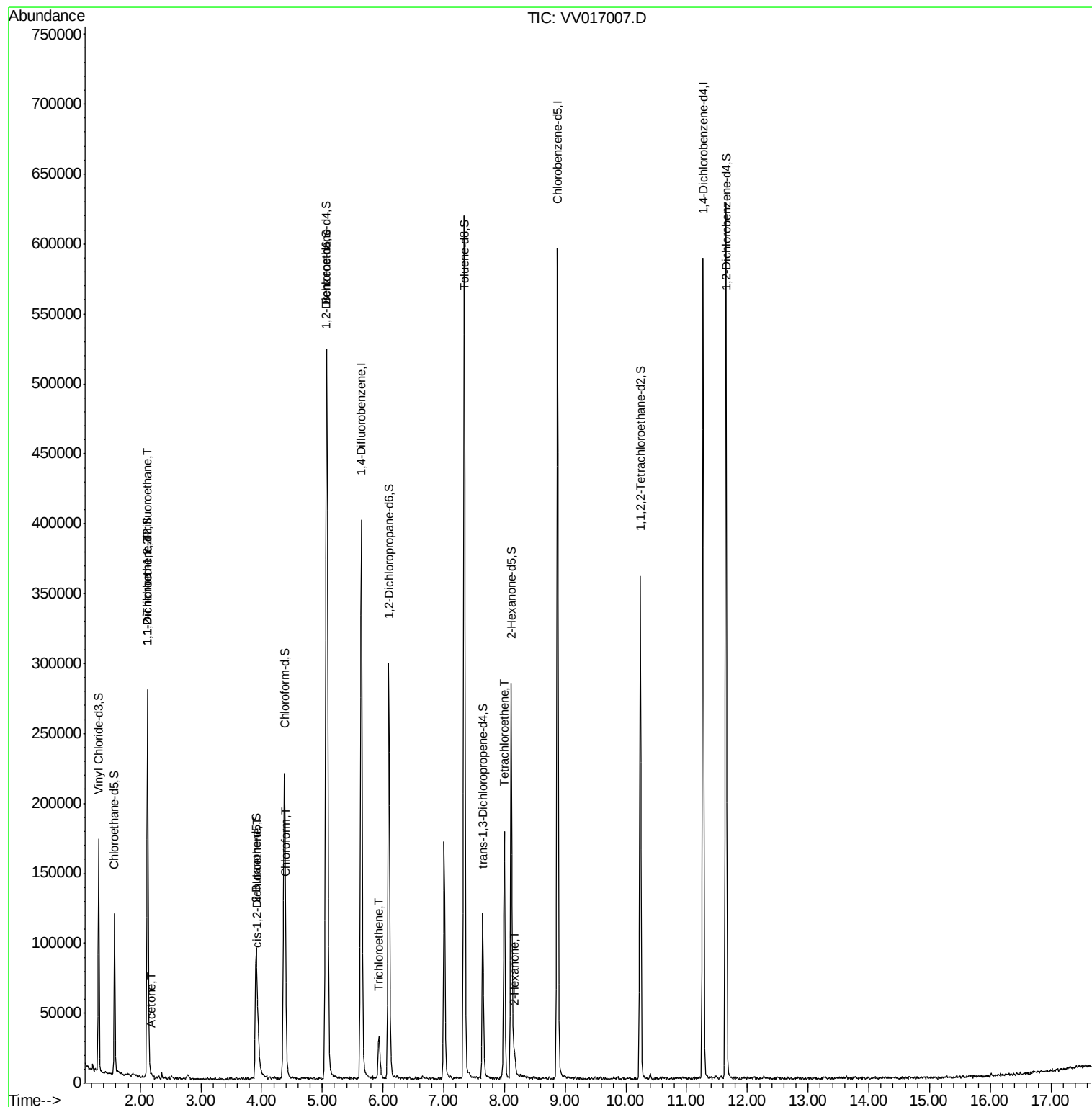
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1493	0.851 ug/L #	22
12) 1,1-Dichloroethene	2.12	96	1373	0.838 ug/L #	1
13) Acetone	2.20	43	1663	1.464 ug/L	58
20) cis-1,2-Dichloroethene	3.94	96	8092	3.322 ug/L	94
25) Chloroform	4.41	83	3566	0.825 ug/L	97
34) Trichloroethene	5.94	95	4147	1.685 ug/L	89
46) Tetrachloroethene	8.00	164	38421	19.852 ug/L	98
48) 2-Hexanone	8.17	43	9067	3.458 ug/L #	83

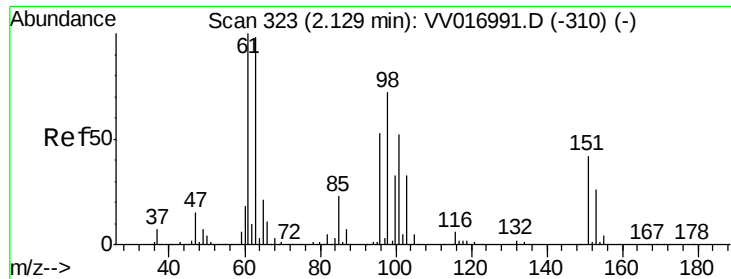
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jun 20 02:04:09 2020
Response via : Initial Calibration





#10

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

Concen: 0.851 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017007.D

Acq: 19 Jun 2020 18:11

Instrument :

MSVOA_V

ClientSampleId :

F9M12

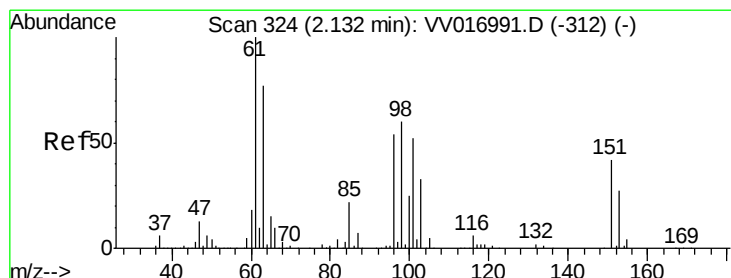
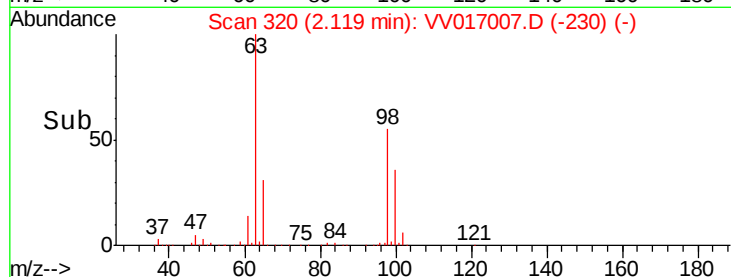
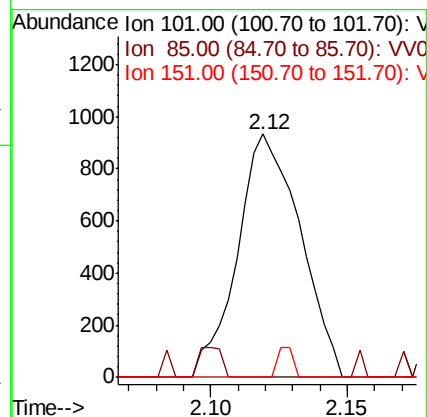
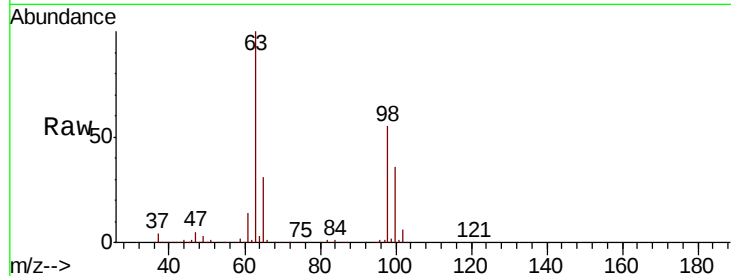
Tot Ion: 101 Resp: 1493

Ion Ratio Lower Upper

101 100

85 4.4 35.5 53.3#

151 3.0 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.838 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017007.D

Acq: 19 Jun 2020 18:11

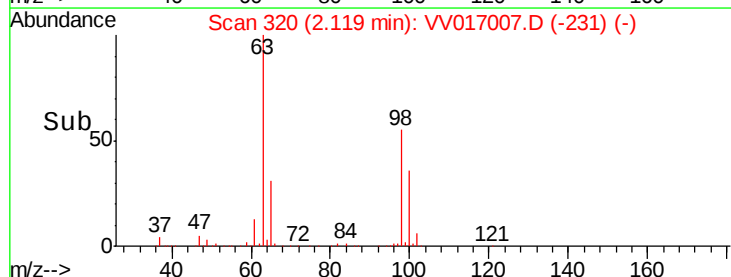
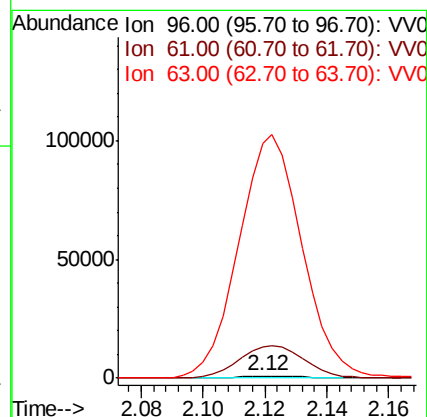
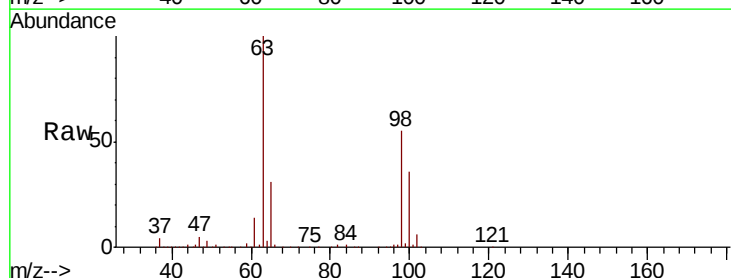
Tgt Ion: 96 Resp: 1373

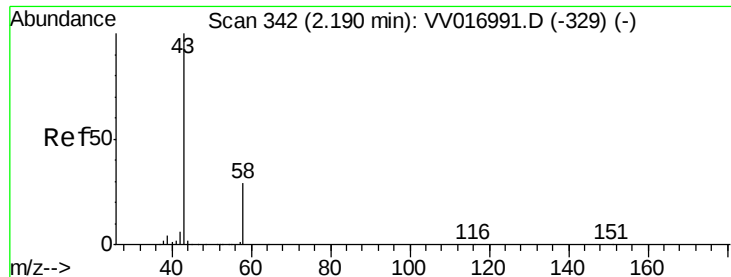
Ion Ratio Lower Upper

96 100

61 1527.9 130.4 242.2#

63 11313.8 103.3 191.9#





#13

Acetone

Concen: 1.464 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV017007.D

Acq: 19 Jun 2020 18:11

Instrument :

MSVOA_V

ClientSampleId :

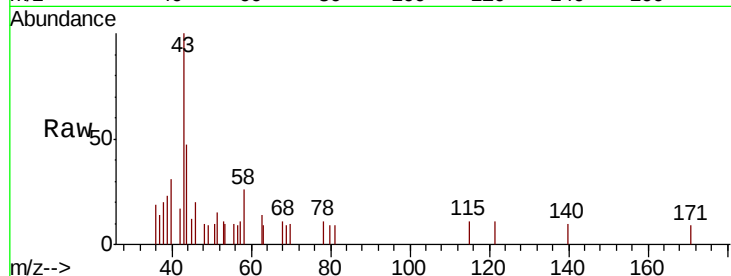
F9M12

Tot Ion: 43 Resp: 1663

Ion Ratio Lower Upper

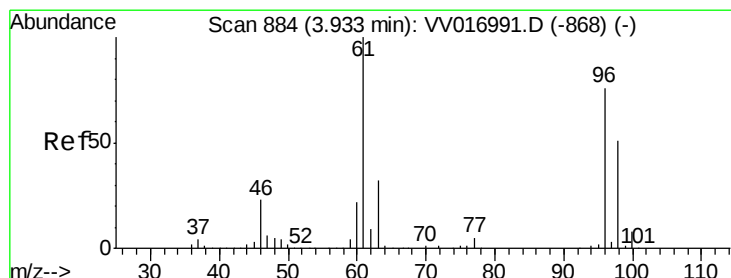
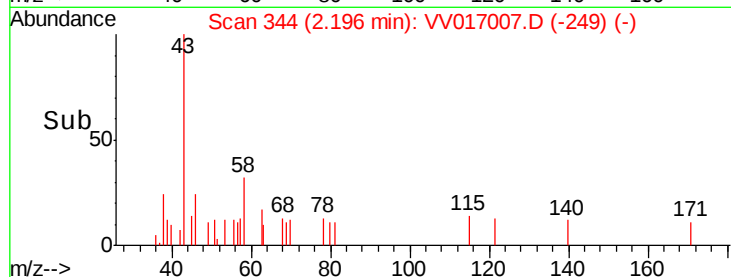
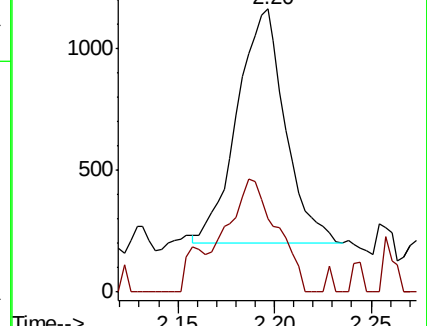
43 100

58 49.5 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV016991.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV016991.D (-329) (-)



#20

cis-1,2-Dichloroethene

Concen: 3.322 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV017007.D

Acq: 19 Jun 2020 18:11

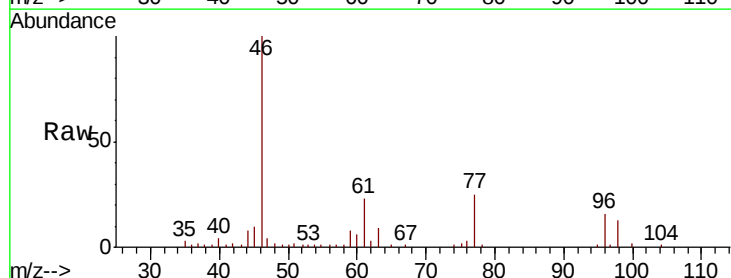
Tgt Ion: 96 Resp: 8092

Ion Ratio Lower Upper

96 100

61 140.0 93.4 173.4

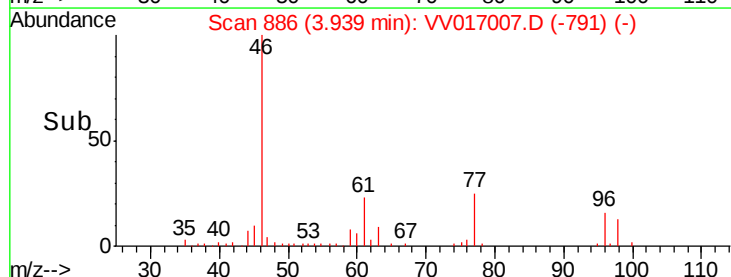
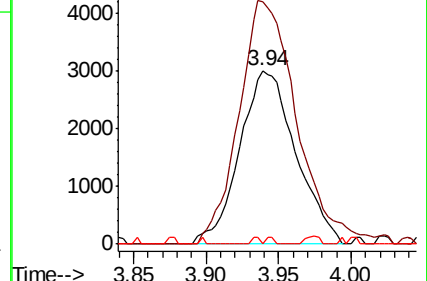
68 0.0 0.0 0.0

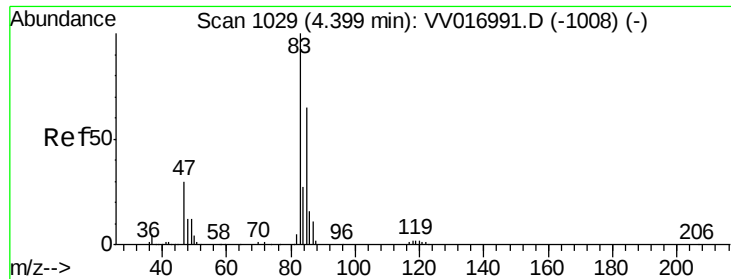


Abundance Ion 96.00 (95.70 to 96.70): VV016991.D (-868) (-)

Ion 61.00 (60.70 to 61.70): VV016991.D (-868) (-)

Ion 68.00 (67.70 to 68.70): VV016991.D (-868) (-)





#25

Chloroform

Concen: 0.825 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV017007.D

Acq: 19 Jun 2020 18:11

Instrument :

MSVOA_V

ClientSampled :

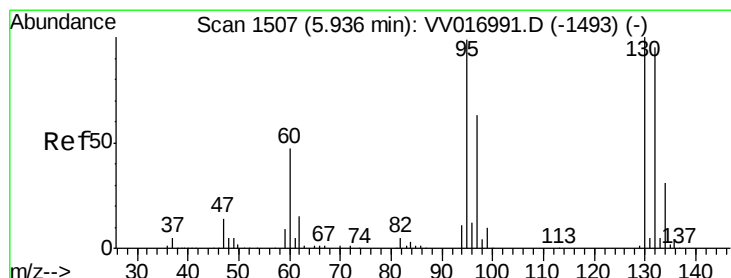
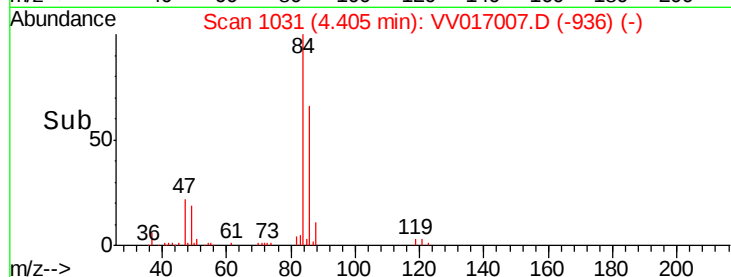
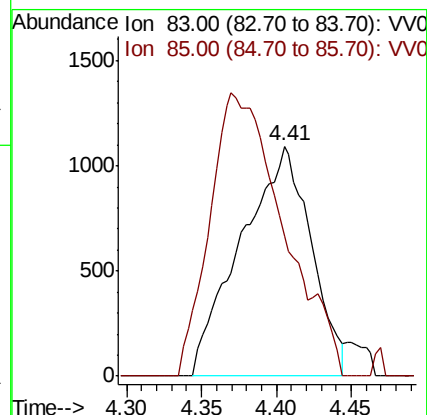
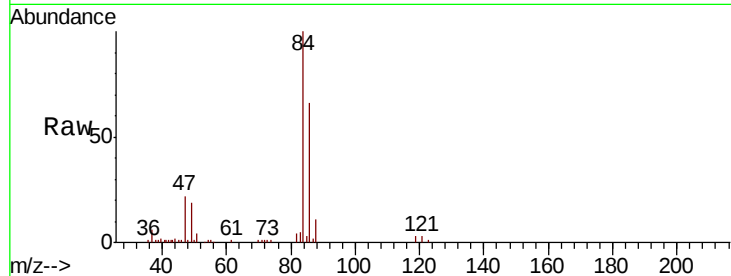
F9M12

Tot Ion: 83 Resp: 3566

Ion Ratio Lower Upper

83 100

85 60.7 44.1 81.9



#34

Trichloroethene

Concen: 1.685 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017007.D

Acq: 19 Jun 2020 18:11

Tgt Ion: 95 Resp: 4147

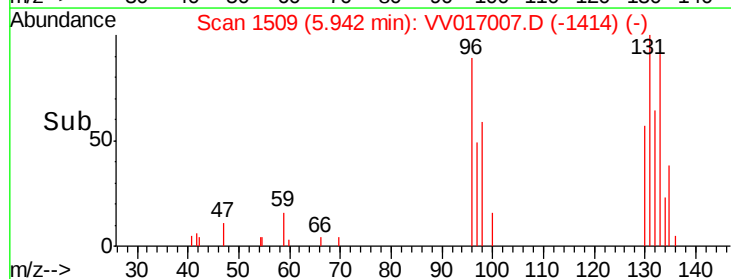
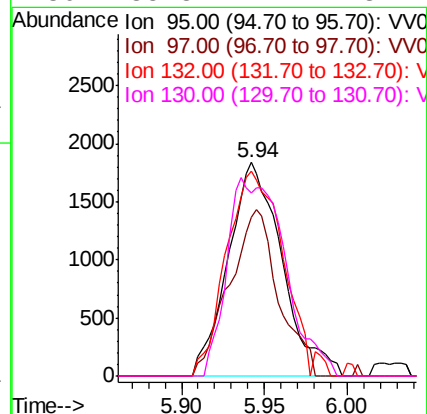
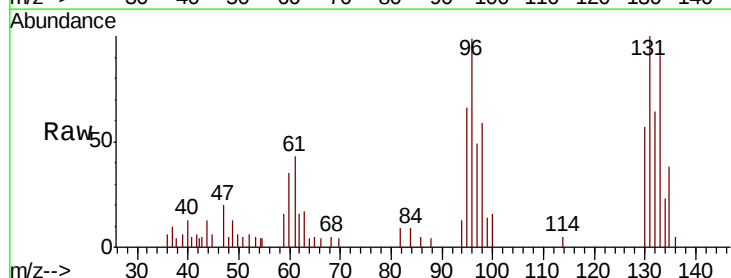
Ion Ratio Lower Upper

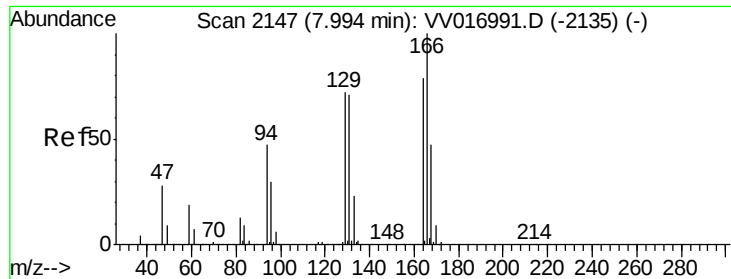
95 100

97 74.4 44.3 82.3

132 95.7 67.9 126.1

130 85.8 72.2 134.2

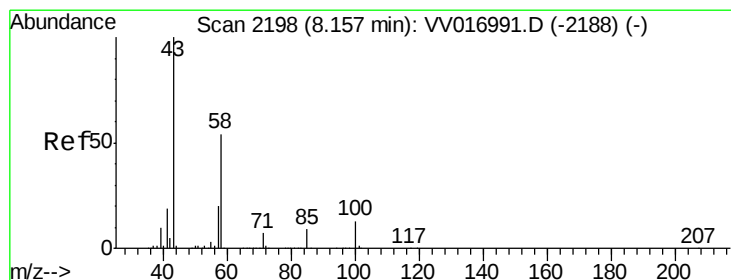
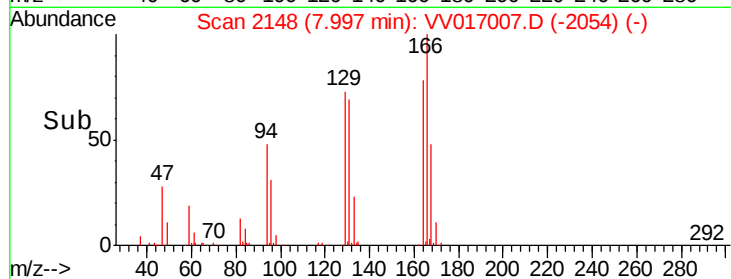
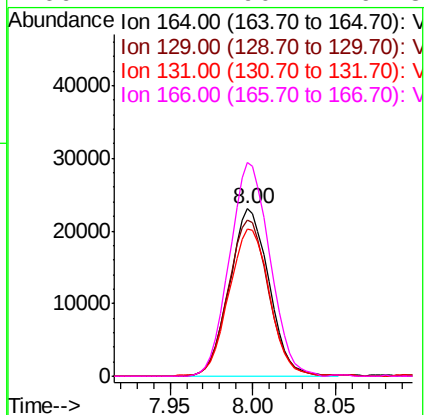
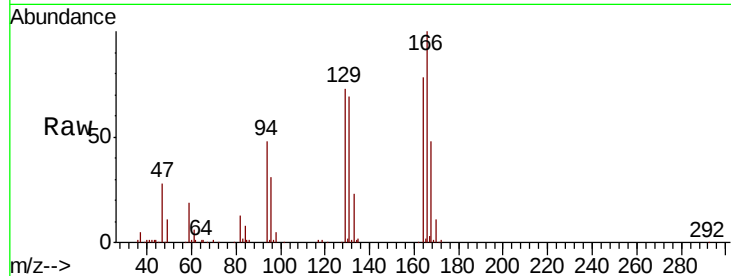




#46
Tetrachloroethene
Concen: 19.852 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV017007.D
Acq: 19 Jun 2020 18:11

Instrument :
MSVOA_V
ClientSampleId :
F9M12

Tot Ion:164 Resp: 38421
Ion Ratio Lower Upper
164 100
129 93.7 67.0 124.4
131 88.0 64.8 120.3
166 127.7 90.4 167.8



#48
2-Hexanone
Concen: 3.458 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV017007.D
Acq: 19 Jun 2020 18:11

Tgt Ion: 43 Resp: 9067
Ion Ratio Lower Upper
43 100
58 45.6 43.1 64.7
57 5.2 15.3 22.9#
100 5.9 10.0 15.0#

