

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060120\
 Data File : VV016411.D
 Acq On : 01 Jun 2020 14:54
 Operator : SY/MD
 Sample : L2780-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AL9

Quant Time: Jun 02 03:03:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 01:13:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	55338	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	52338	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	22625	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27739	5.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.60%
7) Chloroethane-d5	1.58	69	21838	5.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.60%
11) 1,1-Dichloroethene-d2	2.12	63	47771	5.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.80%
20) 2-Butanone-d5	3.96	46	62182	59.49	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.98%
24) Chloroform-d	4.37	84	58440	7.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	142.60%#
26) 1,2-Dichloroethane-d4	5.06	65	31669	7.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	148.40%#
32) Benzene-d6	5.07	84	111914	7.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	150.40%#
36) 1,2-Dichloropropane-d6	6.09	67	34723	7.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	151.20%#
41) Toluene-d8	7.33	98	96044	7.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	141.20%#
45) trans-1,3-Dichloropropene-	7.64	79	11323	6.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	136.60%#
48) 2-Hexanone-d5	8.11	63	59498	77.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	154.40%#
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24849	7.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	153.20%#
65) 1,2-Dichlorobenzene-d4	11.65	152	31950	7.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	152.20%#

Target Compounds

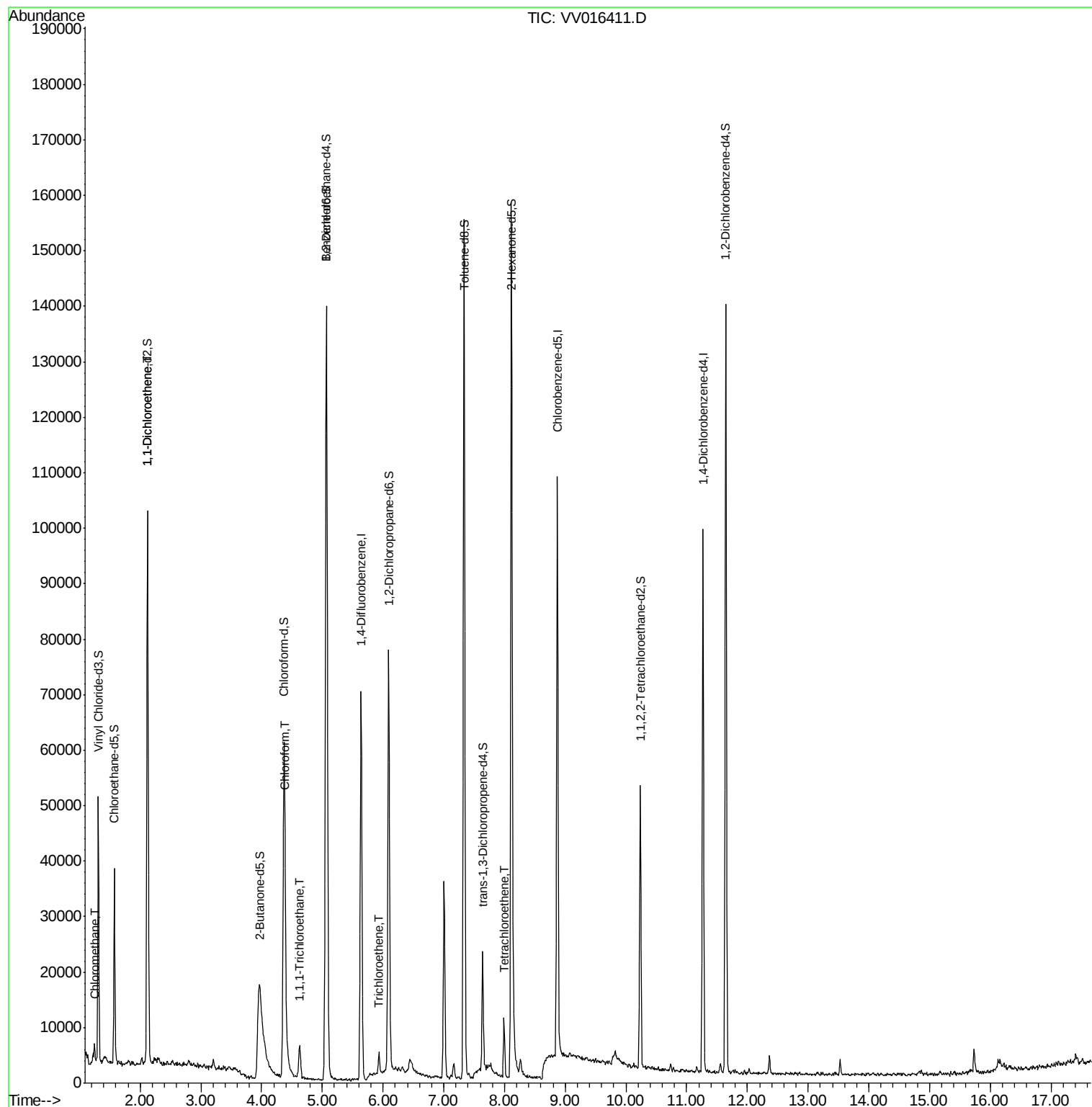
					Ovalue
3) Chloromethane	1.25	50	1414	0.256 ug/L	86
12) 1,1-Dichloroethene	2.13	96	11872	3.333 ug/L #	51
25) Chloroform	4.40	83	1892	0.253 ug/L	86
29) 1,1,1-Trichloroethane	4.62	97	4655	0.754 ug/L	97
34) Trichloroethene	5.94	95	1223	0.301 ug/L	94
49) Tetrachloroethene	7.99	164	2113	0.709 ug/L	99

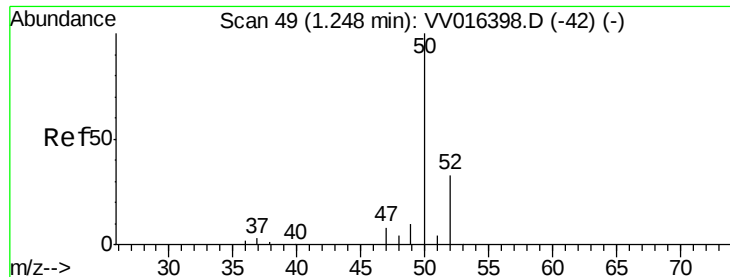
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.256 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV016411.D

Acq: 01 Jun 2020 14:54

Instrument :

MSVOA_V

ClientSampleId :

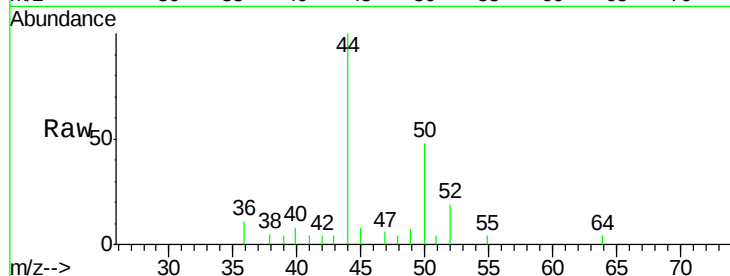
C0AL9

Tot Ion: 50 Resp: 1414

Ion Ratio Lower Upper

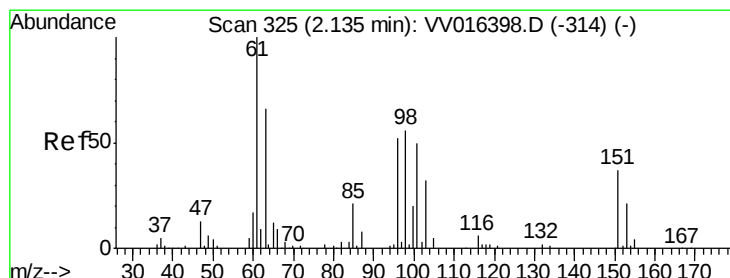
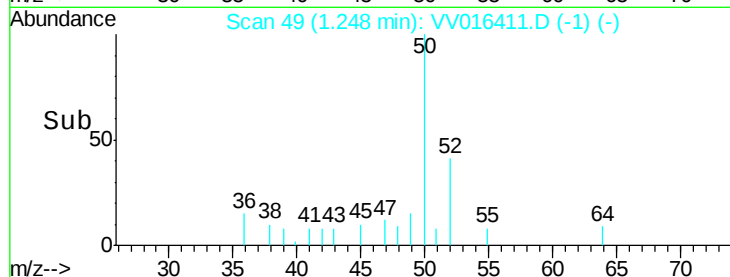
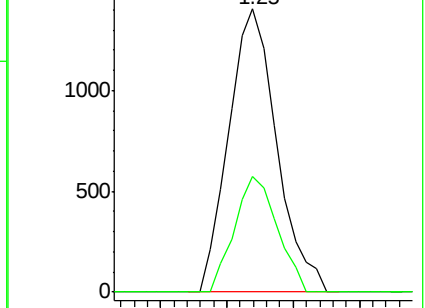
50 100

52 40.7 23.1 42.9



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#12

1,1-Dichloroethene

Concen: 3.333 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV016411.D

Acq: 01 Jun 2020 14:54

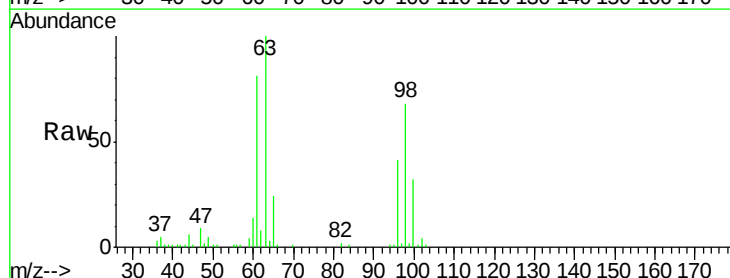
Tgt Ion: 96 Resp: 11872

Ion Ratio Lower Upper

96 100

61 196.2 125.4 233.0

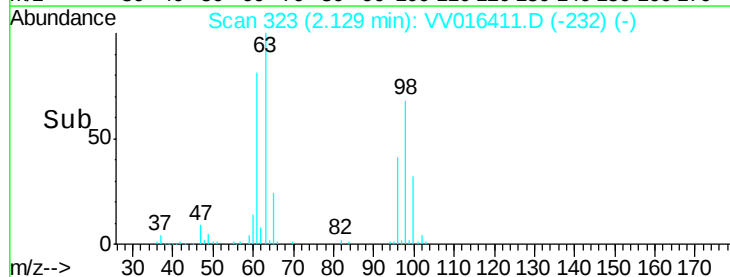
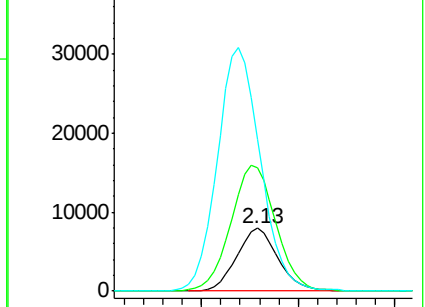
63 241.0 88.2 163.8#

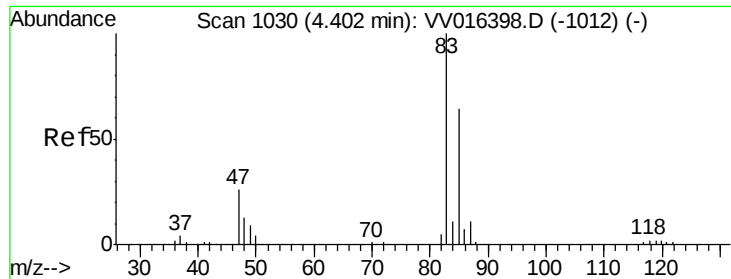


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

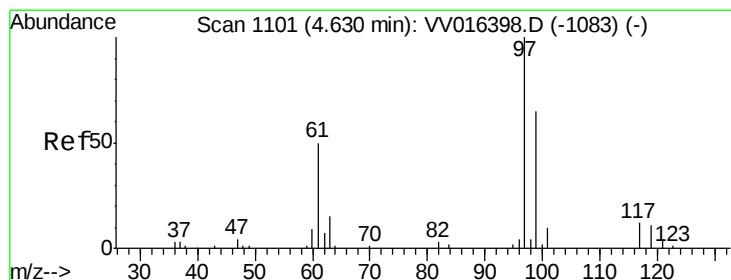
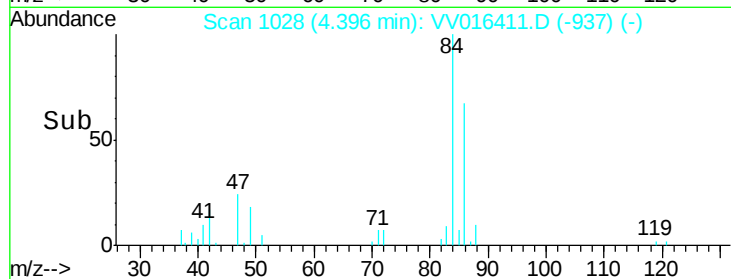
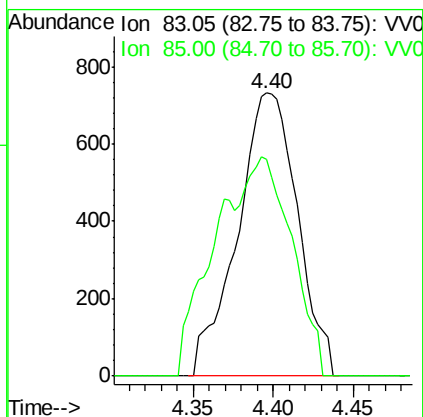
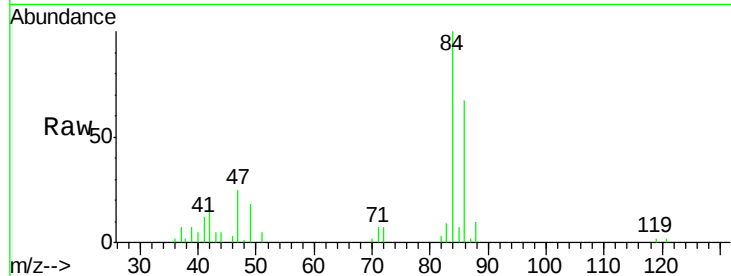




#25
Chloroform
Concen: 0.253 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. -0.01 min
Lab File: VV016411.D
Acq: 01 Jun 2020 14:54

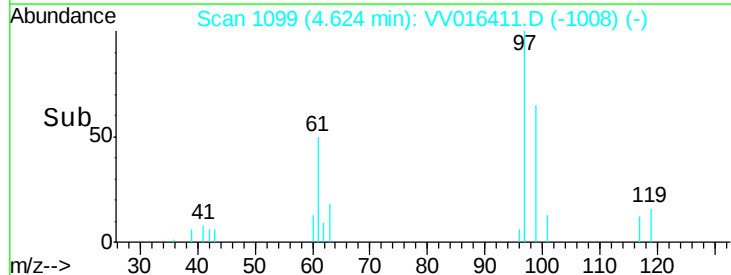
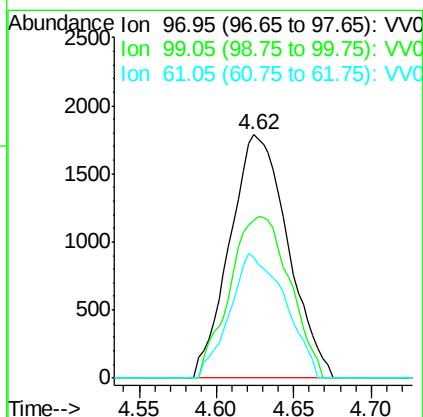
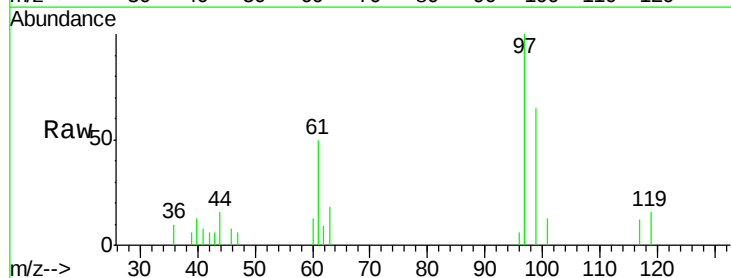
Instrument :
MSVOA_V
ClientSampled :
C0AL9

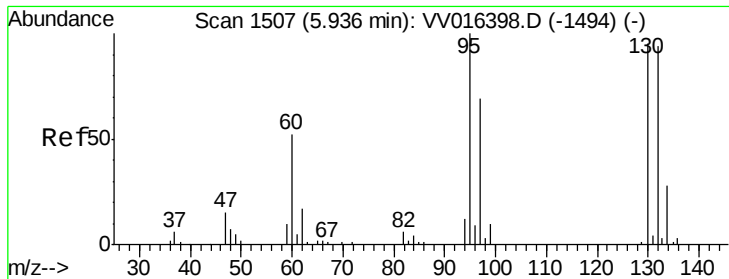
Tot Ion: 83 Resp: 1892
Ion Ratio Lower Upper
83 100
85 76.8 45.8 85.2



#29
1,1,1-Trichloroethane
Concen: 0.754 ug/L
RT: 4.62 min Scan# 1099
Delta R.T. -0.01 min
Lab File: VV016411.D
Acq: 01 Jun 2020 14:54

Tgt Ion: 97 Resp: 4655
Ion Ratio Lower Upper
97 100
99 68.4 52.0 78.0
61 48.7 39.8 59.6

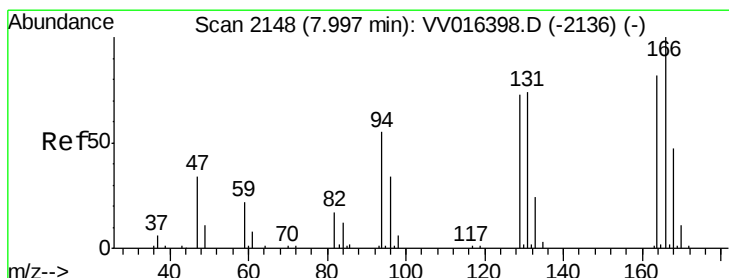
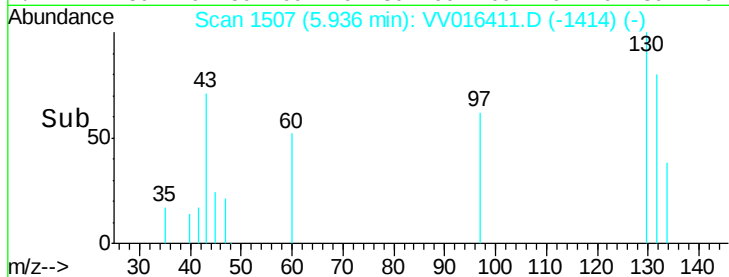
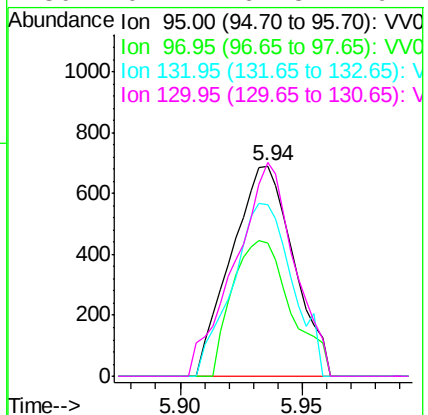
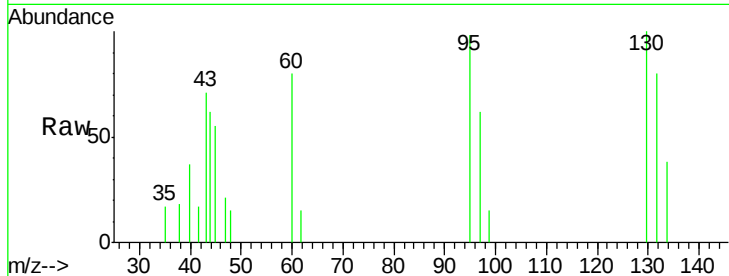




#34
 Trichloroethene
 Concen: 0.301 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV016411.D
 Acq: 01 Jun 2020 14:54

Instrument :
 MSVOA_V
 ClientSampled :
 C0AL9

Tot Ion:	95	Resp:	1223
Ion	Ratio	Lower	Upper
95	100		
97	63.5	42.6	79.0
132	81.6	59.6	110.8
130	101.7	64.8	120.4



#49
 Tetrachloroethene
 Concen: 0.709 ug/L
 RT: 7.99 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: VV016411.D
 Acq: 01 Jun 2020 14:54

Tgt Ion:	164	Resp:	2113
Ion	Ratio	Lower	Upper
164	100		
129	103.9	72.2	134.0
131	96.1	65.8	122.2
166	125.7	88.3	163.9

