

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081718\
 Data File : VV007055.D
 Acq On : 17 Aug 2018 15:29
 Operator : SY/MD
 Sample : J4488-02
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0354

Quant Time: Aug 18 04:17:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 18 03:36:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	213160	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	208995	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79244	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76259	5.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.80%
7) Chloroethane-d5	1.58	69	68326	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.00%
11) 1,1-Dichloroethene-d2	2.14	63	1866284	72.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	1445.40%#
20) 2-Butanone-d5	3.97	46	207955	52.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.10%
24) Chloroform-d	4.41	84	158128	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.40%
26) 1,2-Dichloroethane-d4	5.09	65	81798	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	5.10	84	316287	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.80%
36) 1,2-Dichloropropane-d6	6.12	67	104092	5.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.40%
41) Toluene-d8	7.37	98	226474	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.67	79	31232	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.15	63	89481	34.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	72179	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	80093	5.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.20%

Target Compounds

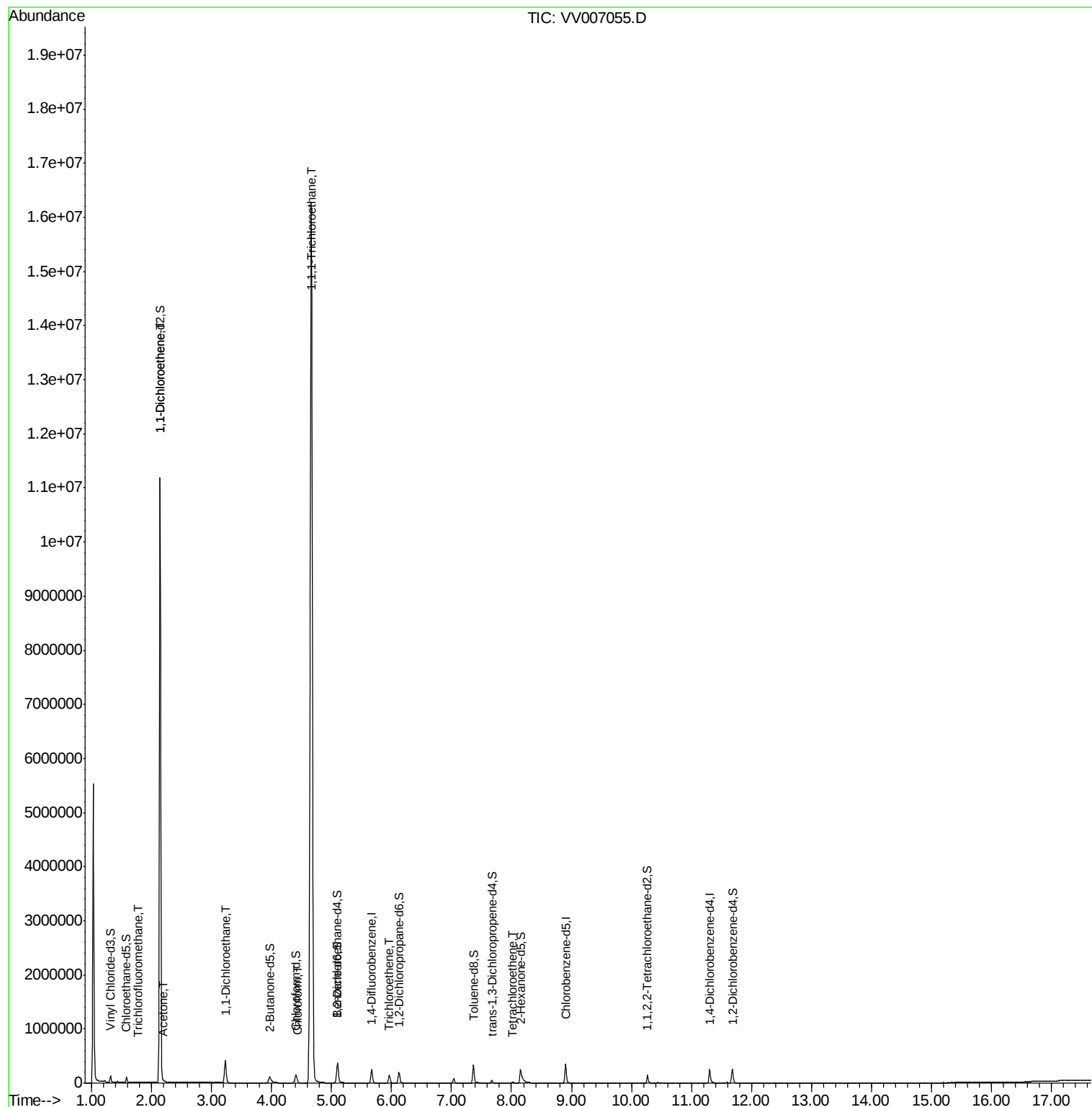
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.77	101	6051	0.23	ug/L	97
12) 1,1-Dichloroethene	2.14	96	3517002	229.77	ug/L	# 68
13) Acetone	2.21	43	10618	5.21	ug/L	100
19) 1,1-Dichloroethane	3.23	63	417345	14.10	ug/L	100
25) Chloroform	4.44	83	7815	0.24	ug/L	88
29) 1,1,1-Trichloroethane	4.67	97	12981379	465.83	ug/L	98
34) Trichloroethene	5.96	95	49588	2.86	ug/L	94
47) Tetrachloroethene	8.02	164	5279	0.38	ug/L	94

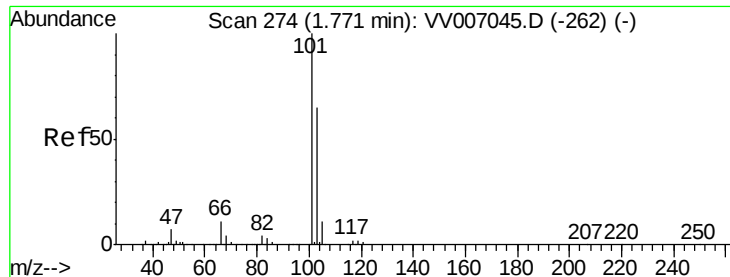
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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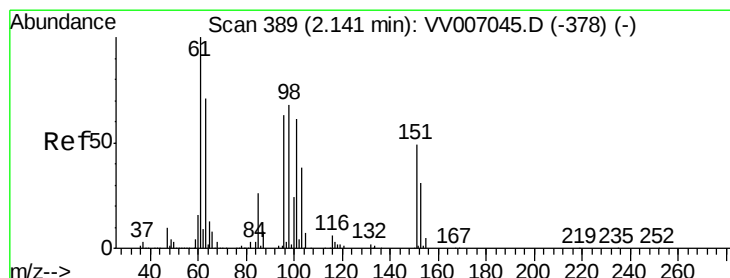
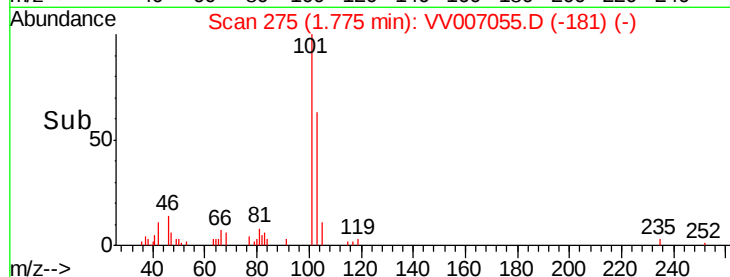
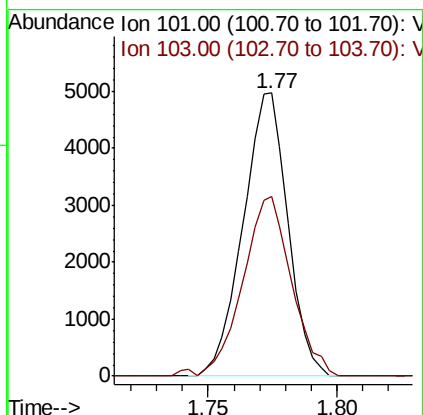
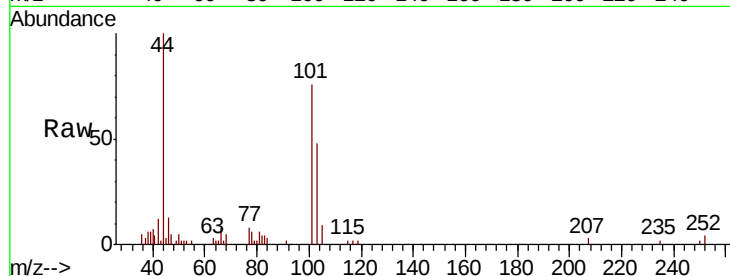


#9

Trichlorofluoromethane
 Concen: 0.23 ug/L
 RT: 1.77 min Scan# 275
 Delta R.T. 0.00 min
 Lab File: VV007055.D
 Acq: 17 Aug 2018 15:29

Instrument :
 MSVOA_V
 ClientSampled :
 C0354

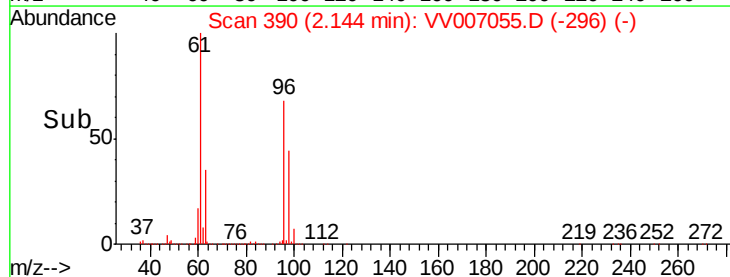
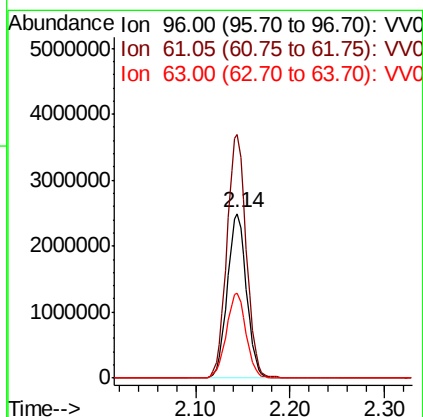
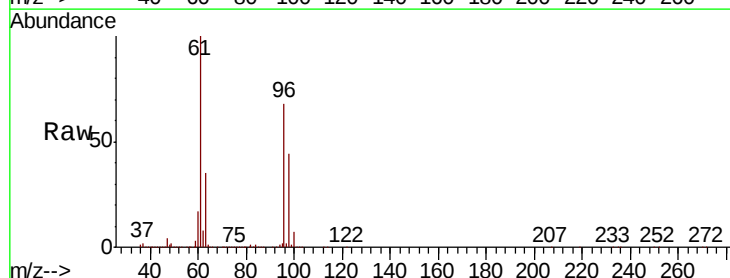
Tot Ion:101 Resp: 6051
 Ion Ratio Lower Upper
 101 100
 103 68.3 52.7 79.1

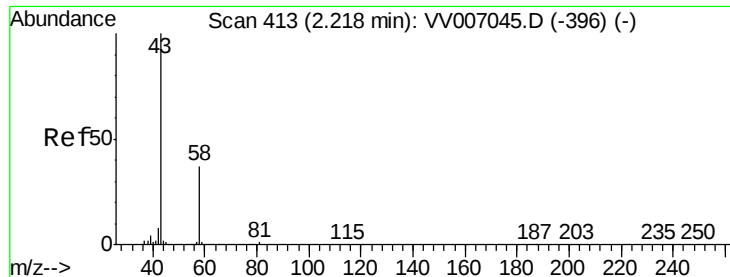


#12

1,1-Dichloroethene
 Concen: 229.77 ug/L
 RT: 2.14 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VV007055.D
 Acq: 17 Aug 2018 15:29

Tgt Ion: 96 Resp: 3517002
 Ion Ratio Lower Upper
 96 100
 61 148.1 111.6 207.4
 63 51.4 84.9 157.7#





#13

Acetone

Concen: 5.21 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.01 min

Lab File: VV007055.D

Acq: 17 Aug 2018 15:29

Instrument :

MSVOA_V

ClientSampleId :

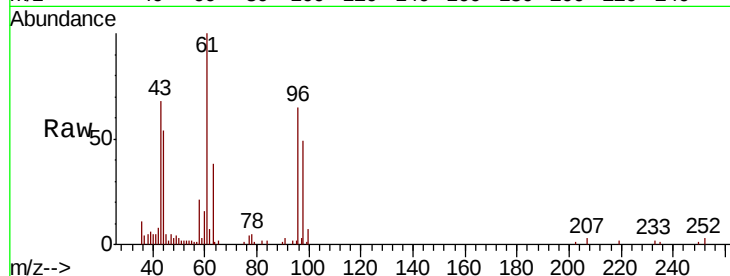
C0354

Tot Ion: 43 Resp: 10618

Ion Ratio Lower Upper

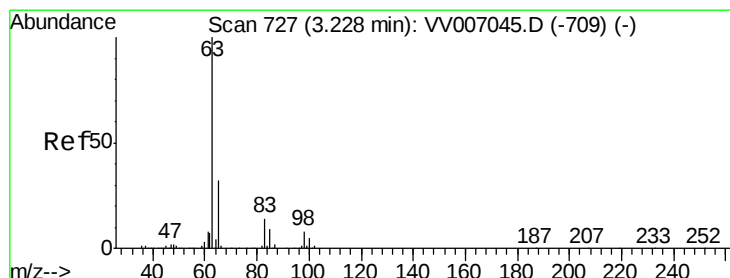
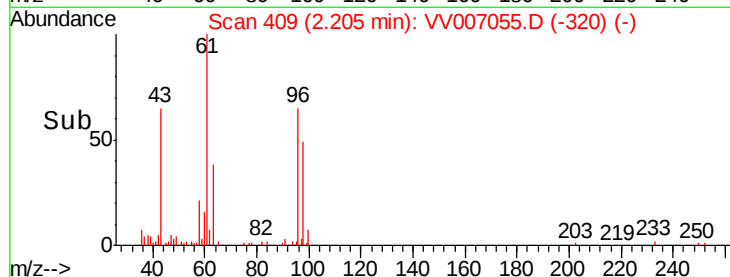
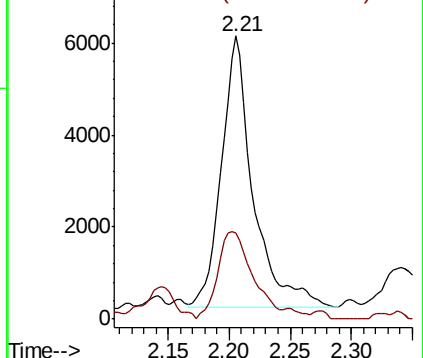
43 100

58 35.9 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV007045.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV007045.D (-396) (-)



#19

1,1-Dichloroethane

Concen: 14.10 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV007055.D

Acq: 17 Aug 2018 15:29

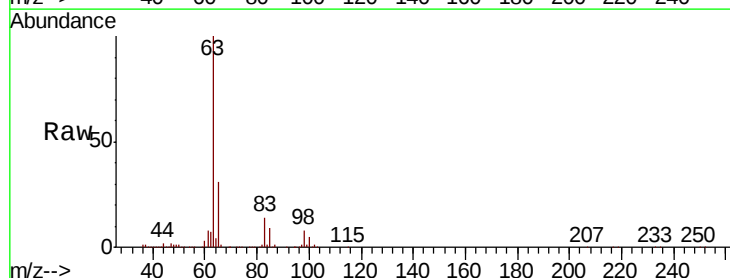
Tgt Ion: 63 Resp: 417345

Ion Ratio Lower Upper

63 100

65 31.1 21.7 40.3

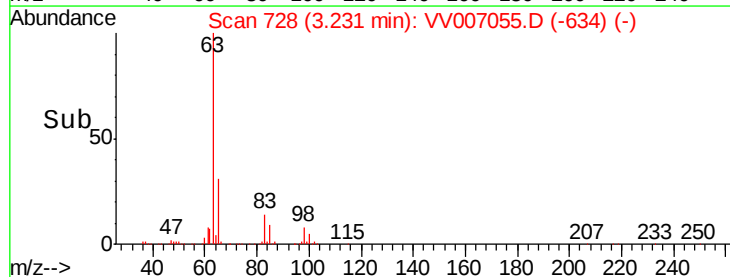
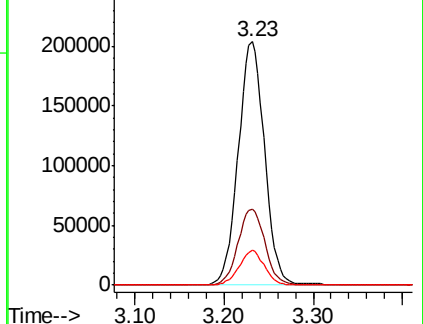
83 14.1 10.0 18.6

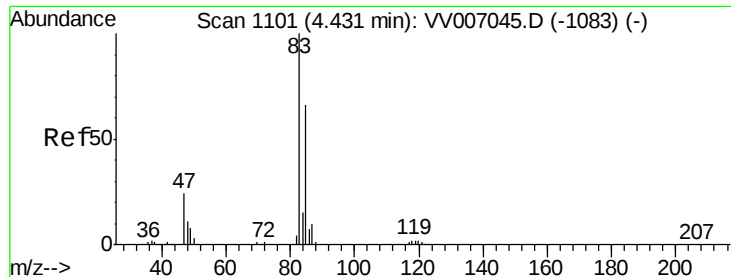


Abundance Ion 63.10 (62.80 to 63.80): VV007045.D (-709) (-)

Ion 65.10 (64.80 to 65.80): VV007045.D (-709) (-)

Ion 83.05 (82.75 to 83.75): VV007045.D (-709) (-)





#25

Chloroform

Concen: 0.24 ug/L

RT: 4.44 min Scan# 1104

Delta R.T. 0.01 min

Lab File: VV007055.D

Acq: 17 Aug 2018 15:29

Instrument :

MSVOA_V

ClientSampleId :

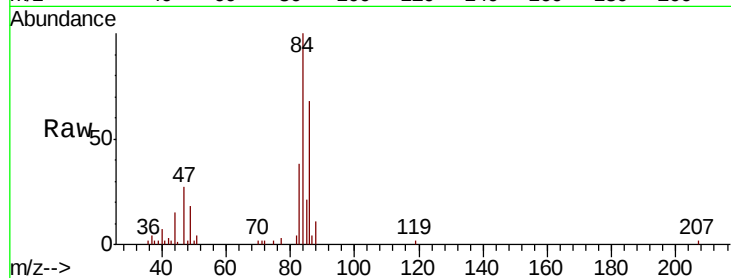
C0354

Tot Ion: 83 Resp: 7815

Ion Ratio Lower Upper

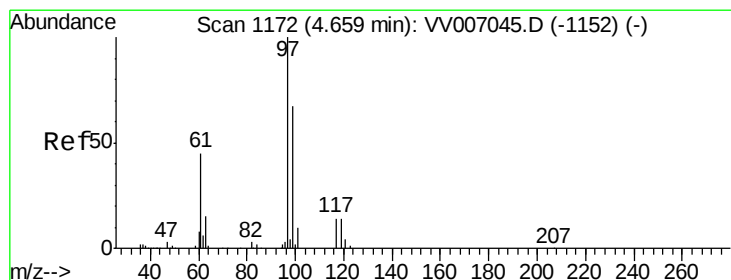
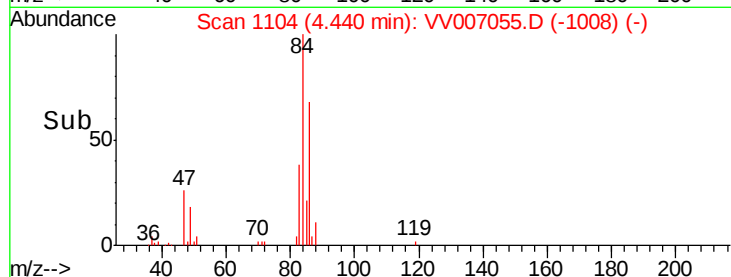
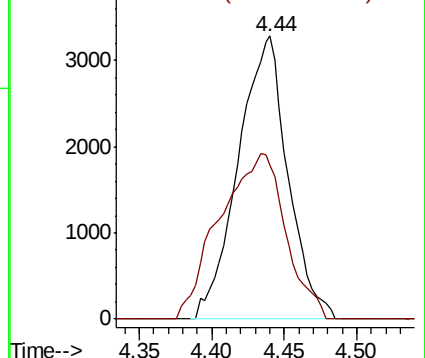
83 100

85 54.6 44.7 82.9



Abundance Ion 83.05 (82.75 to 83.75): VV007045.D (-1083) (-)

Ion 85.00 (84.70 to 85.70): VV007045.D (-1083) (-)



#29

1,1,1-Trichloroethane

Concen: 465.83 ug/L

RT: 4.67 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VV007055.D

Acq: 17 Aug 2018 15:29

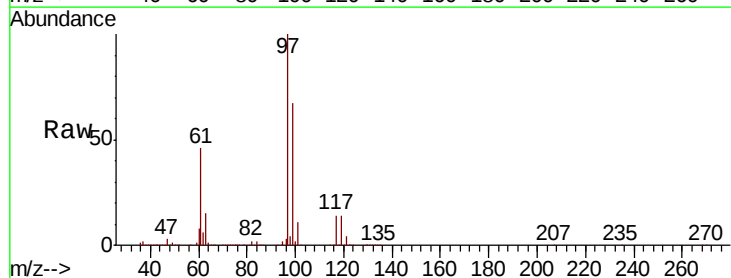
Tgt Ion: 97 Resp: 12981379

Ion Ratio Lower Upper

97 100

99 66.1 51.0 76.6

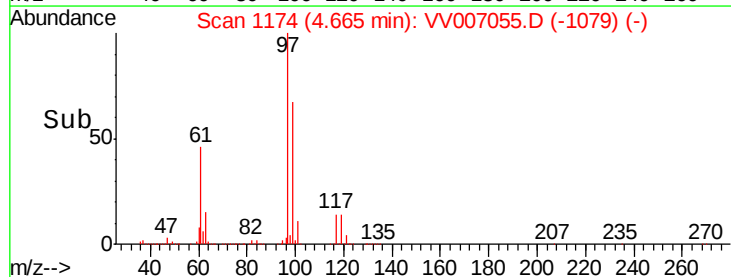
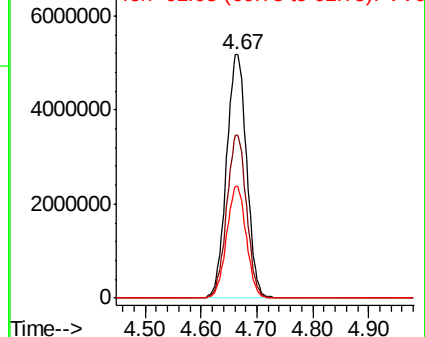
61 45.0 36.6 54.8

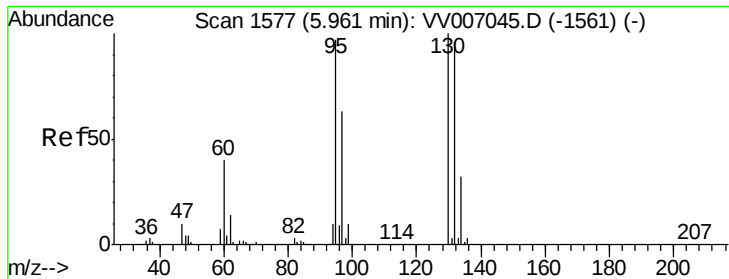


Abundance Ion 96.95 (96.65 to 97.65): VV007045.D (-1152) (-)

Ion 99.05 (98.75 to 99.75): VV007045.D (-1152) (-)

Ion 61.05 (60.75 to 61.75): VV007045.D (-1152) (-)

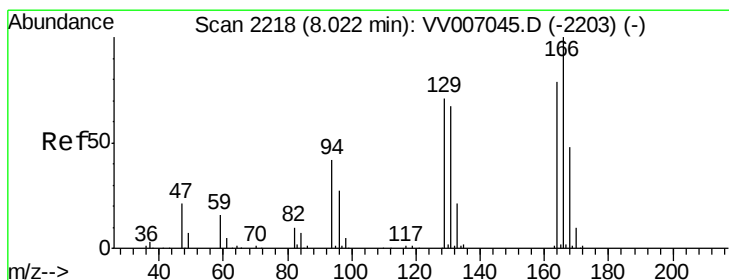
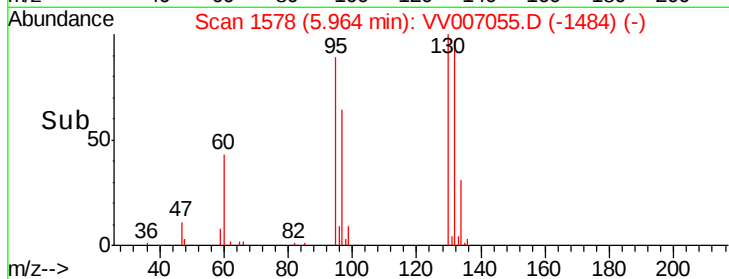
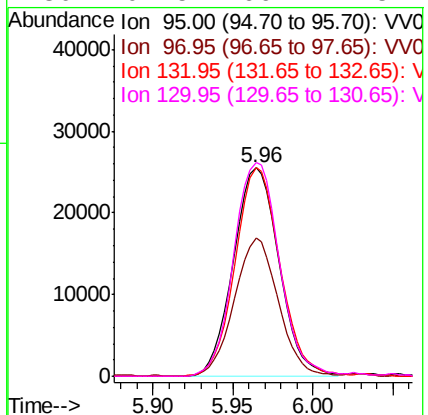
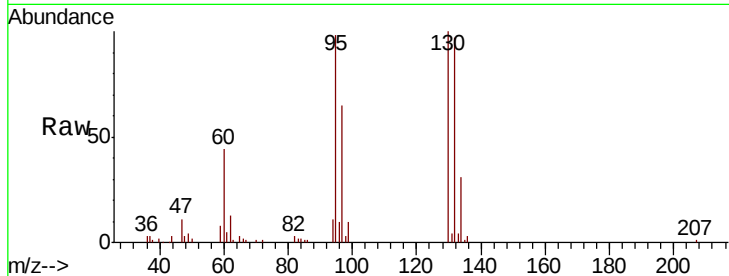




#34
 Trichloroethene
 Concen: 2.86 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV007055.D
 Acq: 17 Aug 2018 15:29

Instrument :
 MSVOA_V
 ClientSampleId :
 C0354

Tot Ion:	95	Resp:	49588
Ion	Ratio	Lower	Upper
95	100		
97	66.2	44.8	83.2
132	99.8	65.5	121.6
130	102.5	66.4	123.4



#47
 Tetrachloroethene
 Concen: 0.38 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VV007055.D
 Acq: 17 Aug 2018 15:29

Tgt Ion:	164	Resp:	5279
Ion	Ratio	Lower	Upper
164	100		
129	90.3	65.9	122.3
131	79.4	64.2	119.2
166	129.2	89.4	166.0

