

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007087.D
 Acq On : 20 Aug 2018 22:13
 Operator : SY/MD
 Sample : J4488-21
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0323

Quant Time: Aug 21 06:51:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 05:25:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	241251	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	230550	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87998	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76753	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.58	69	71024	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.14	63	400419	13.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	274.00%#
20) 2-Butanone-d5	3.97	46	231629	51.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.44%
24) Chloroform-d	4.40	84	172133	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	5.09	65	89364	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.10	84	338986	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
36) 1,2-Dichloropropane-d6	6.12	67	109396	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.37	98	232895	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.67	79	22639	3.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.20%
46) 2-Hexanone-d5	8.15	63	87337	30.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	60.64%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81764	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	83873	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

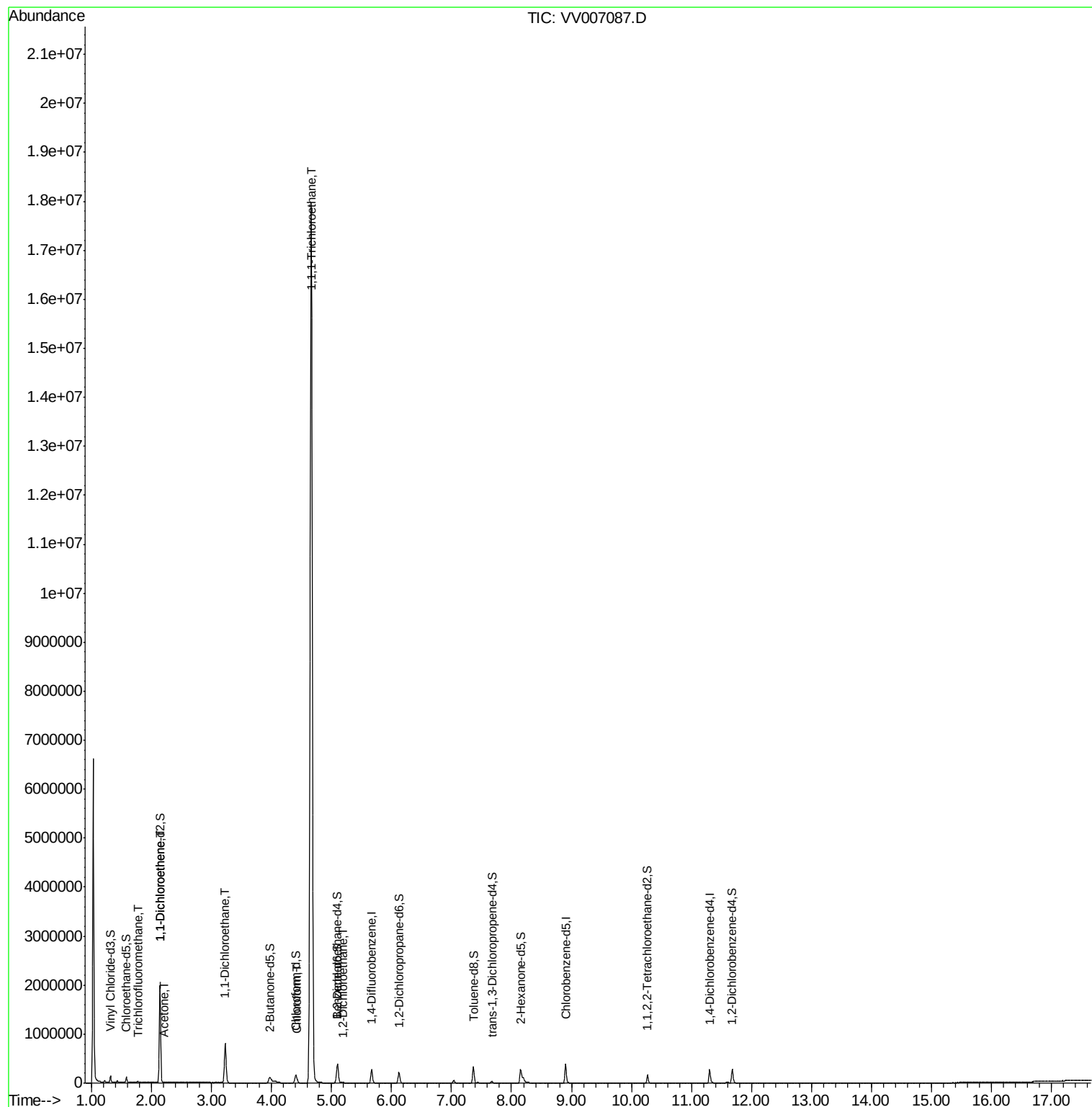
					Ovalue
9) Trichlorofluoromethane	1.77	101	10537	0.35	ug/L 98
12) 1,1-Dichloroethene	2.14	96	598289	34.54	ug/L # 70
13) Acetone	2.21	43	12245	5.31	ug/L 94
19) 1,1-Dichloroethane	3.23	63	829611	24.77	ug/L 98
25) Chloroform	4.43	83	12538	0.34	ug/L 97
27) 1,2-Dichloroethane	5.19	62	10928	0.48	ug/L # 85
29) 1,1,1-Trichloroethane	4.66	97	14322928	465.92	ug/L 98

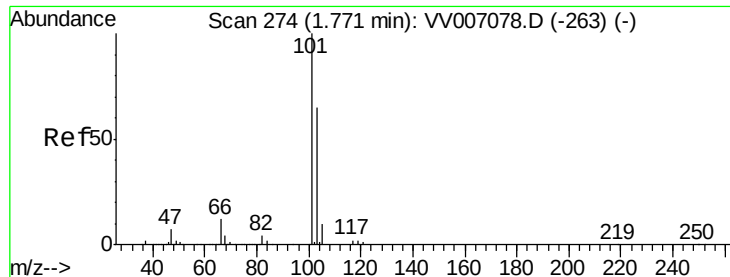
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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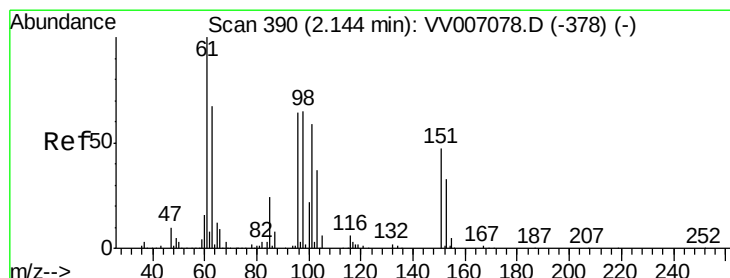
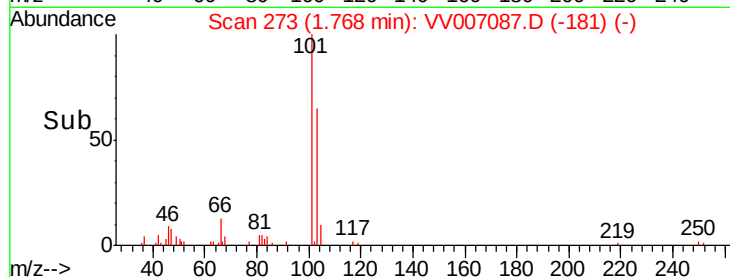
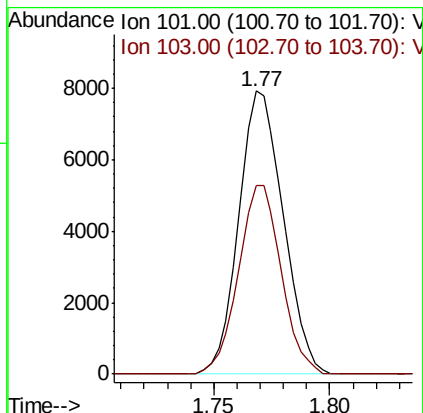
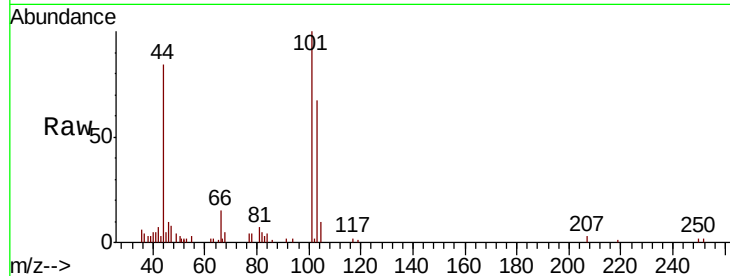


#9

Trichlorofluoromethane
Concen: 0.35 ug/L
RT: 1.77 min Scan# 273
Delta R.T. -0.00 min
Lab File: VV007087.D
Acq: 20 Aug 2018 22:13

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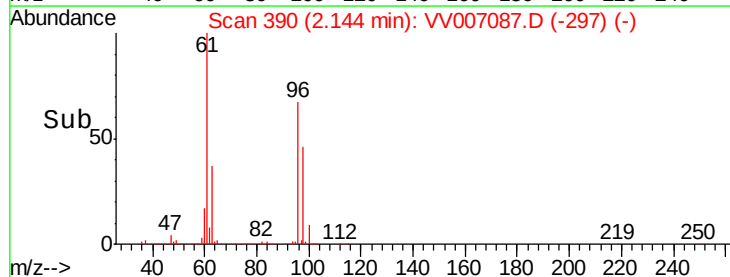
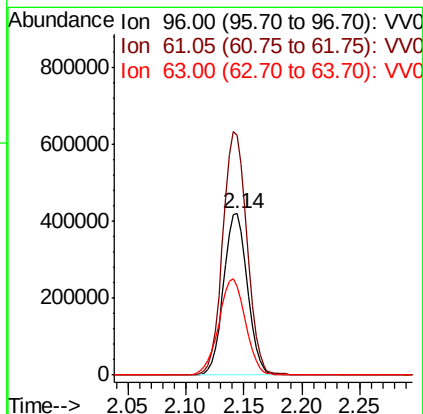
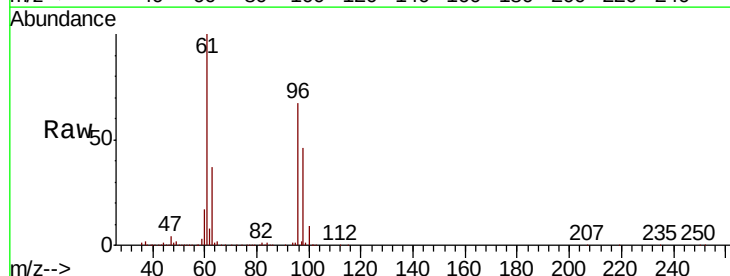
Tot Ion:101 Resp: 10537
Ion Ratio Lower Upper
101 100
103 64.3 52.7 79.1

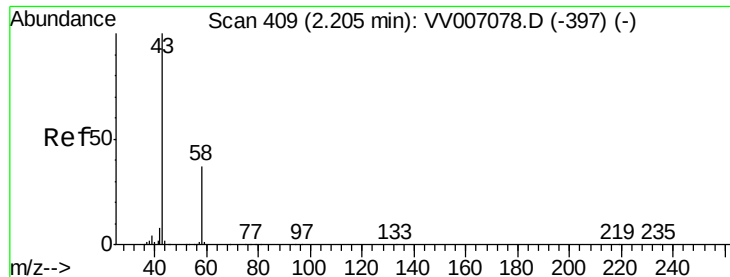


#12

1,1-Dichloroethene
Concen: 34.54 ug/L
RT: 2.14 min Scan# 390
Delta R.T. 0.00 min
Lab File: VV007087.D
Acq: 20 Aug 2018 22:13

Tgt Ion: 96 Resp: 598289
Ion Ratio Lower Upper
96 100
61 148.6 111.6 207.4
63 55.2 84.9 157.7#

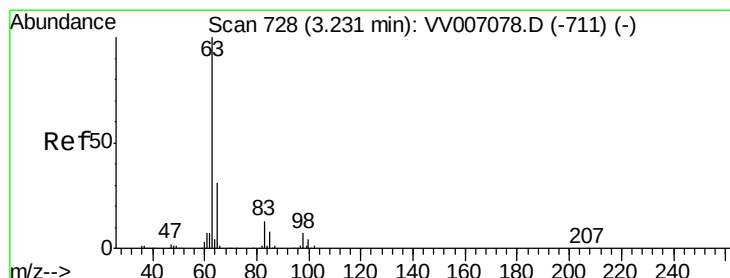
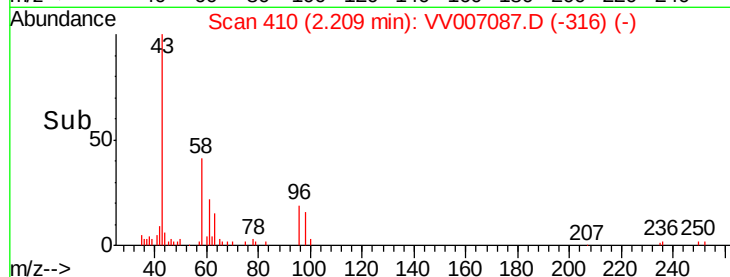
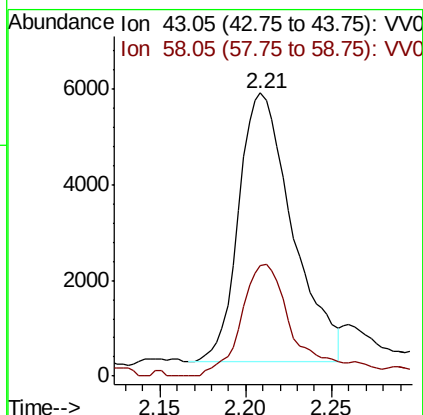
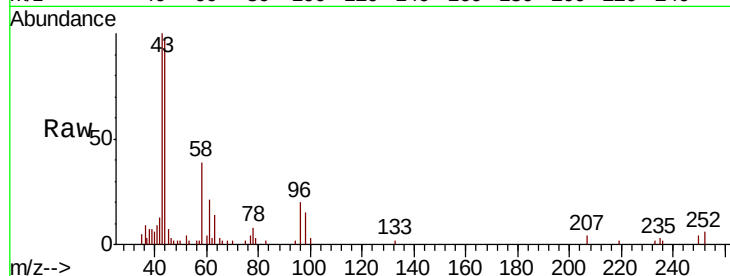




#13
Acetone
Concen: 5.31 ug/L
RT: 2.21 min Scan# 410
Delta R.T. 0.00 min
Lab File: VV007087.D
Acq: 20 Aug 2018 22:13

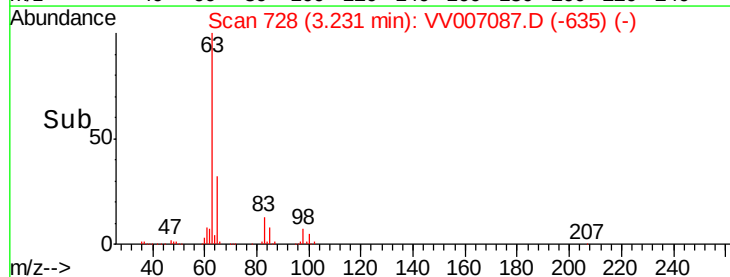
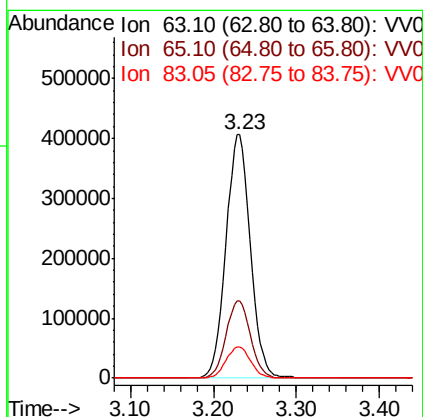
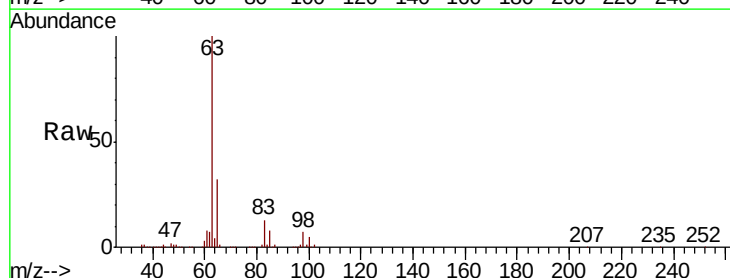
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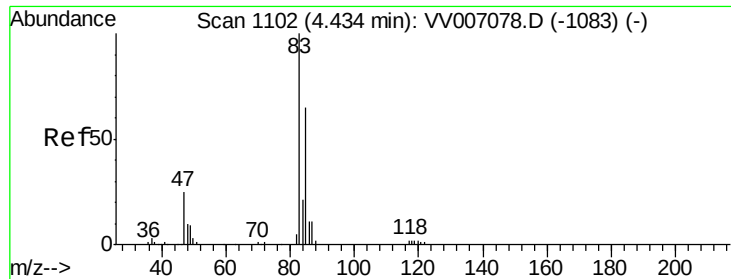
Tot Ion: 43 Resp: 12245
Ion Ratio Lower Upper
43 100
58 39.4 0.0 71.4



#19
1,1-Dichloroethane
Concen: 24.77 ug/L
RT: 3.23 min Scan# 728
Delta R.T. -0.00 min
Lab File: VV007087.D
Acq: 20 Aug 2018 22:13

Tgt Ion: 63 Resp: 829611
Ion Ratio Lower Upper
63 100
65 31.8 21.7 40.3
83 13.1 10.0 18.6

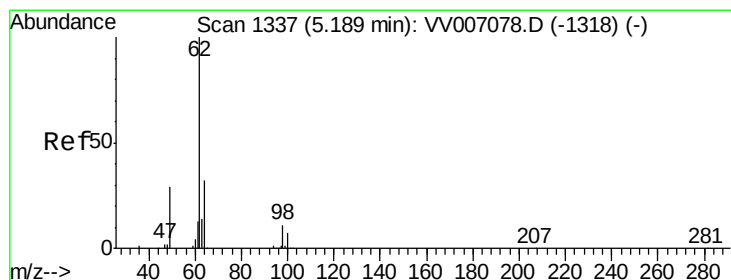
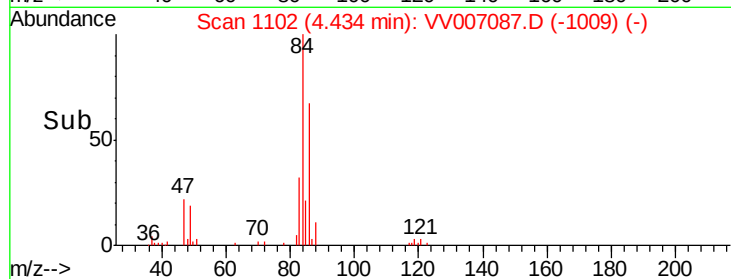
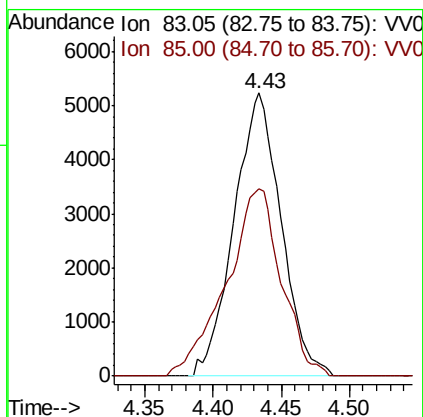
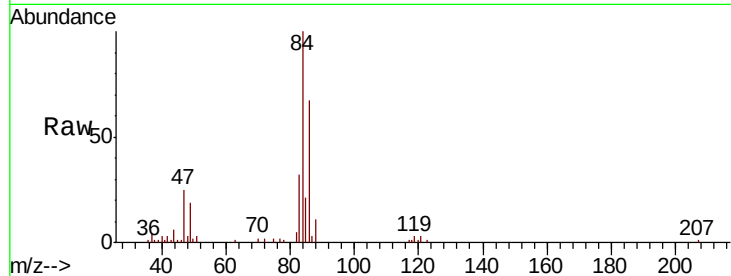




#25
Chloroform
Concen: 0.34 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV007087.D
Acq: 20 Aug 2018 22:13

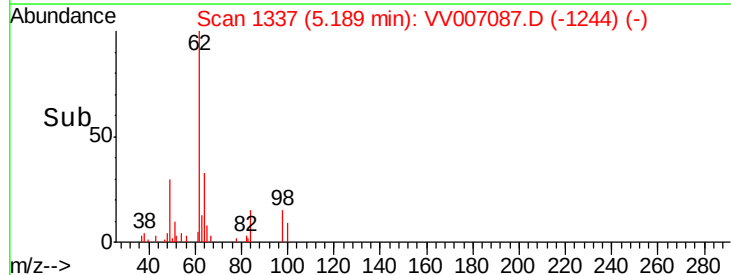
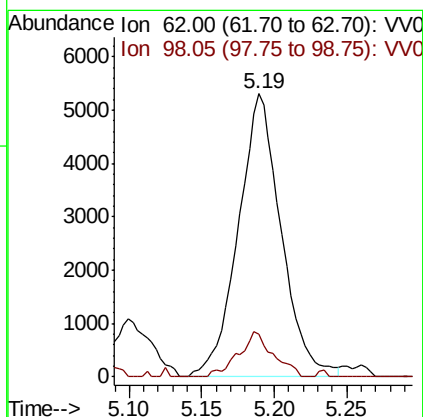
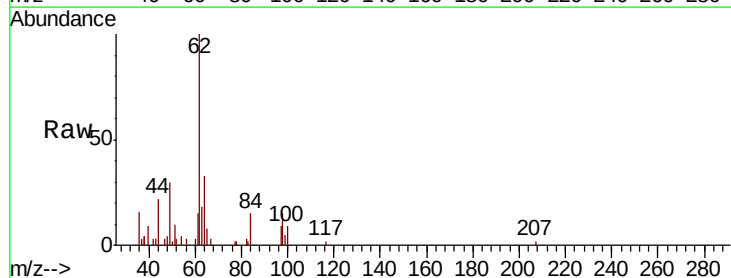
Instrument :
MSVOA_V
ClientSampleId :
C0323

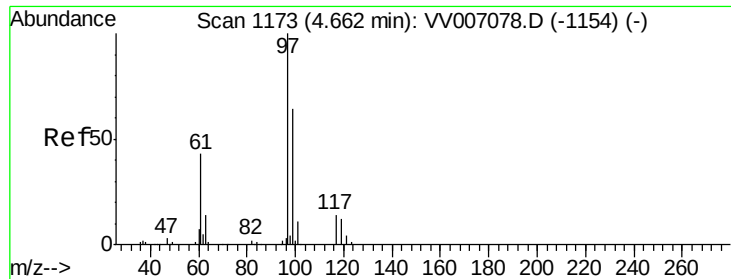
Tot Ion: 83 Resp: 12538
Ion Ratio Lower Upper
83 100
85 66.2 44.7 82.9



#27
1,2-Dichloroethane
Concen: 0.48 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VV007087.D
Acq: 20 Aug 2018 22:13

Tgt Ion: 62 Resp: 10928
Ion Ratio Lower Upper
62 100
98 14.9 7.6 11.4#





#29

1,1,1-Trichloroethane

Concen: 465.92 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VV007087.D

Acq: 20 Aug 2018 22:13

Instrument :

MSVOA_V

ClientSampleId :

C0323

Tot Ion: 97 Resp:14322928

Ion Ratio Lower Upper

97 100

99 66.4 51.0 76.6

61 44.9 36.6 54.8

