

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100418\
 Data File : VV008076.D
 Acq On : 04 Oct 2018 21:57
 Operator : SY/MD
 Sample : J5246-10
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J78

Quant Time: Oct 05 06:43:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 05 05:56:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	80631	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	79899	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38000	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17369	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.59	69	17044	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.15	63	157804	16.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	323.40%#
20) 2-Butanone-d5	3.96	46	73932	56.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.72%
24) Chloroform-d	4.41	84	49908	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.09	65	26619	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.10	84	90019	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.12	67	30925	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.36	98	82100	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.67	79	9814	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.14	63	50238	48.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22672	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	36390	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

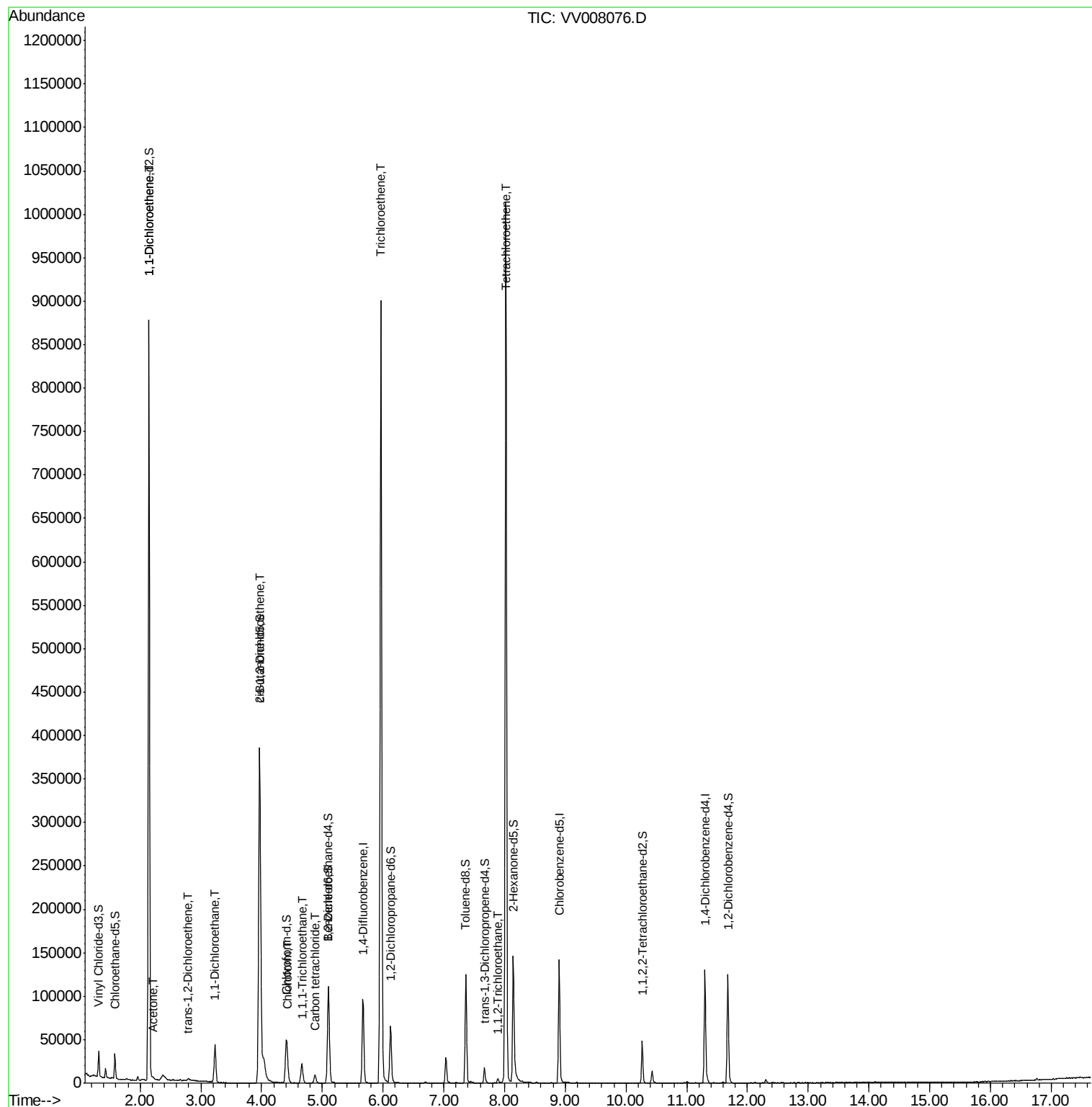
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.15	96	255212	47.885	ug/L #	75
13) Acetone	2.22	43	2439	2.575	ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	929	0.158	ug/L	89
19) 1,1-Dichloroethane	3.23	63	42441	4.234	ug/L	97
22) cis-1,2-Dichloroethene	3.97	96	193342	32.501	ug/L	98
25) Chloroform	4.43	83	7382	0.681	ug/L	92
29) 1,1,1-Trichloroethane	4.66	97	17131	1.783	ug/L	99
31) Carbon tetrachloride	4.88	117	6899	0.815	ug/L	94
34) Trichloroethene	5.96	95	301767	46.063	ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	1555	0.369	ug/L	95
47) Tetrachloroethene	8.02	164	235003	38.712	ug/L	98

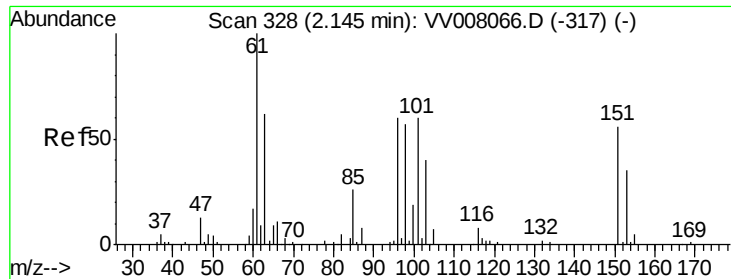
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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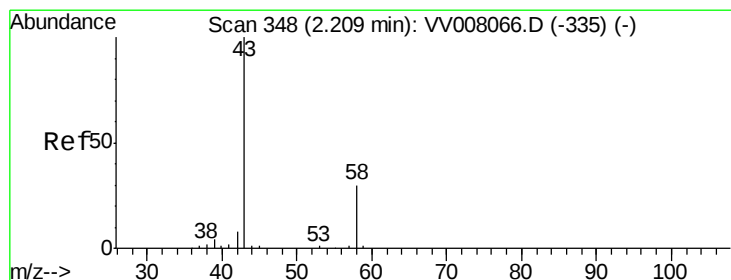
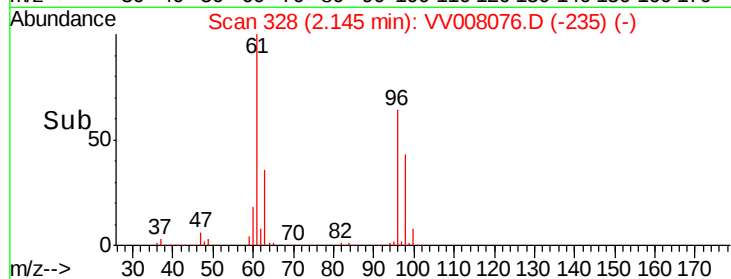
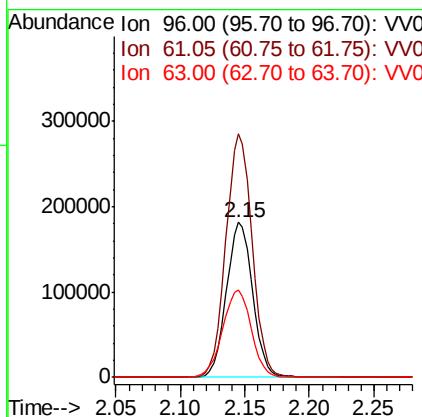
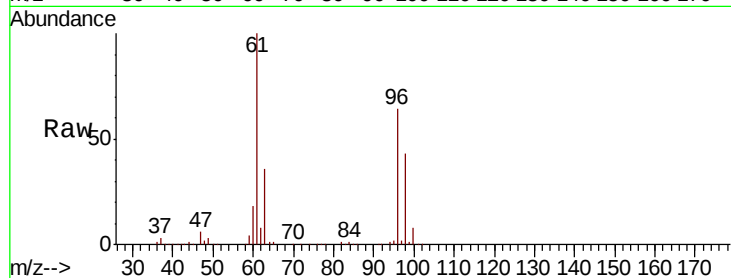




#12
 1,1-Dichloroethene
 Concen: 47.885 ug/L
 RT: 2.15 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VV008076.D
 Acq: 04 Oct 2018 21:57

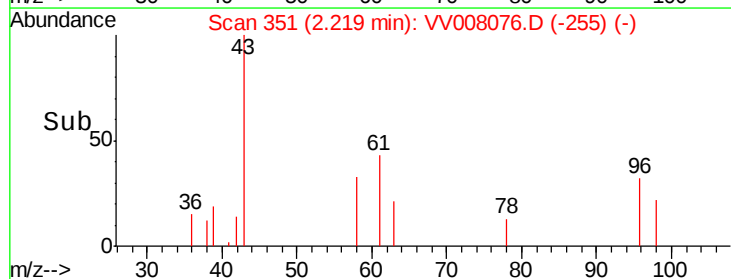
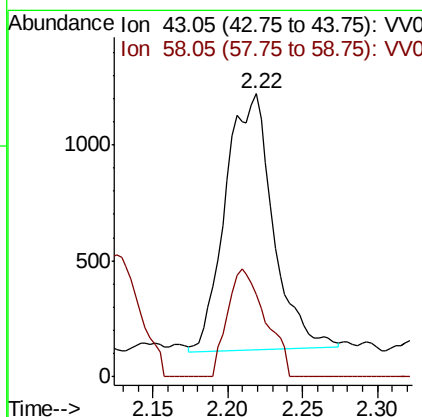
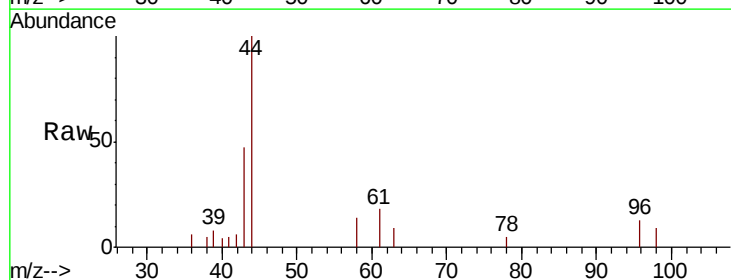
Instrument :
 MSVOA_V
 ClientSampled :
 C0J78

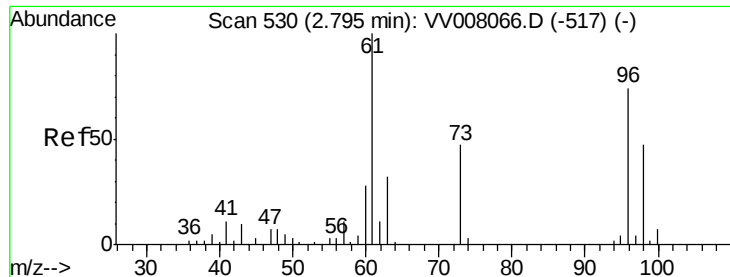
Tgt Ion: 96 Resp: 255212
 Ion Ratio Lower Upper
 96 100
 61 157.3 114.1 211.9
 63 56.4 81.5 151.3#



#13
 Acetone
 Concen: 2.575 ug/L
 RT: 2.22 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VV008076.D
 Acq: 04 Oct 2018 21:57

Tgt Ion: 43 Resp: 2439
 Ion Ratio Lower Upper
 43 100
 58 33.6 0.0 62.0

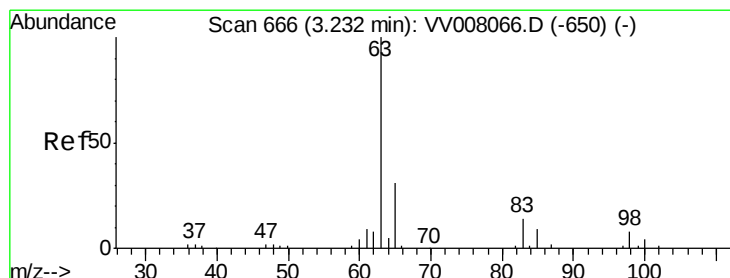
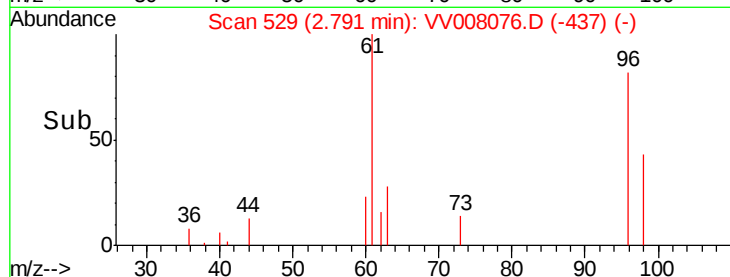
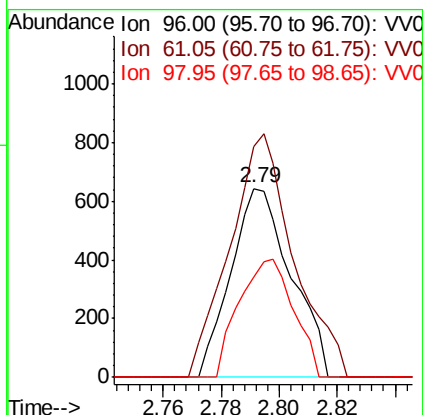
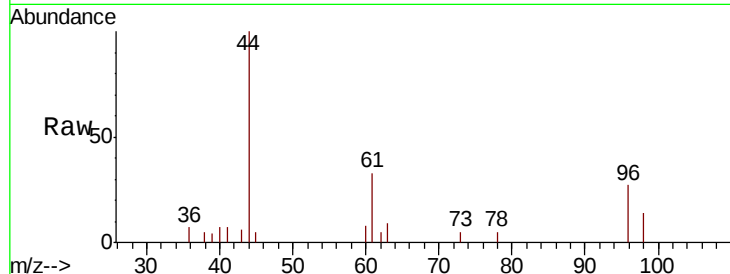




#18
trans-1,2-Dichloroethene
Concen: 0.158 ug/L
RT: 2.79 min Scan# 529
Delta R.T. -0.00 min
Lab File: VV008076.D
Acq: 04 Oct 2018 21:57

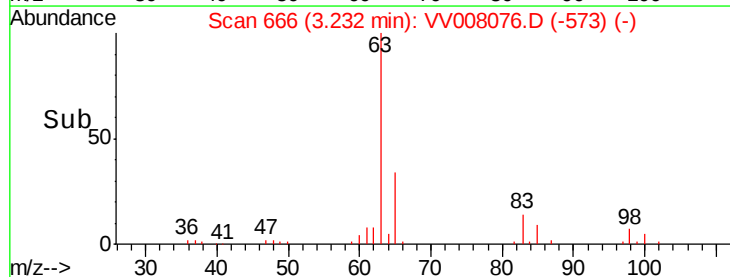
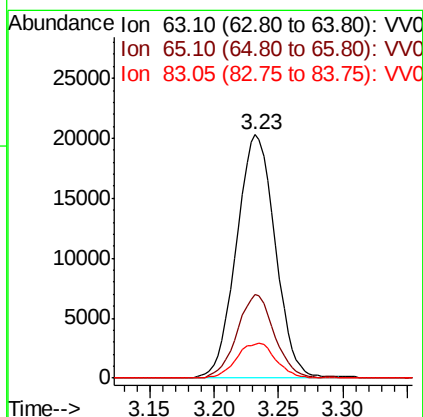
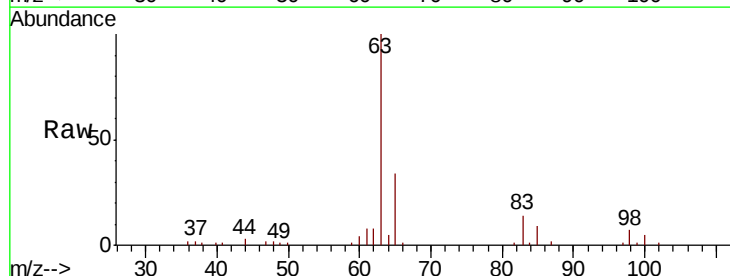
Instrument :
MSVOA_V
ClientSampleId :
C0J78

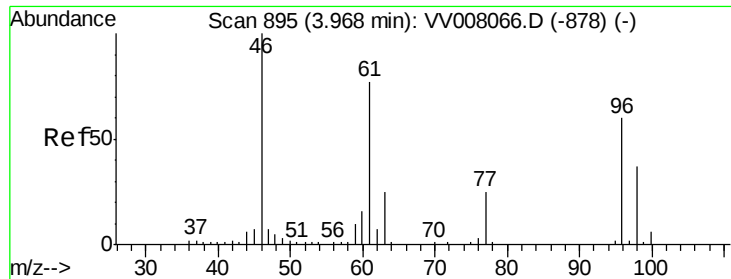
Tgt Ion: 96 Resp: 929
Ion Ratio Lower Upper
96 100
61 122.4 94.2 175.0
98 53.2 44.9 83.5



#19
1,1-Dichloroethane
Concen: 4.234 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.00 min
Lab File: VV008076.D
Acq: 04 Oct 2018 21:57

Tgt Ion: 63 Resp: 42441
Ion Ratio Lower Upper
63 100
65 34.1 22.3 41.5
83 13.7 9.8 18.2



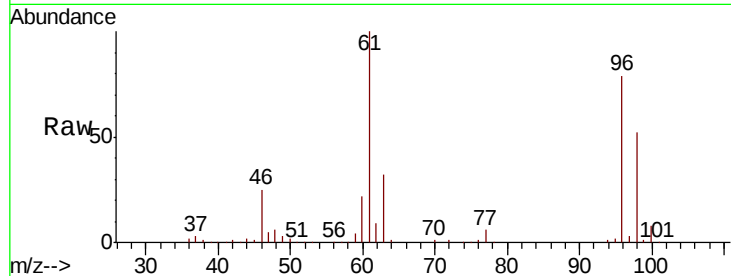


#22

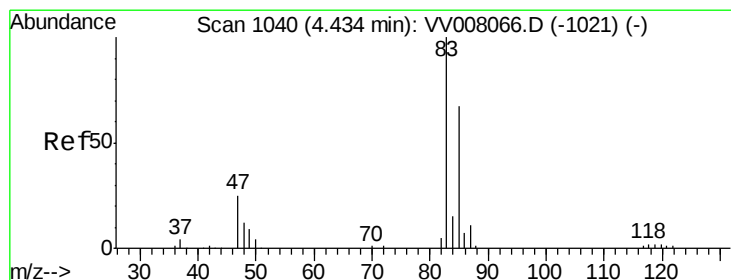
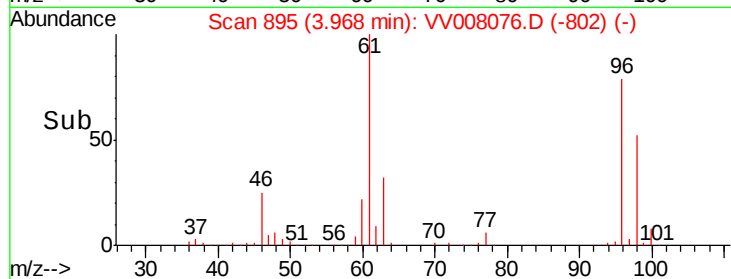
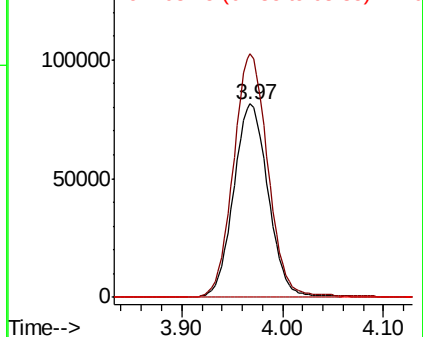
cis-1,2-Dichloroethene
Concen: 32.501 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV008076.D
Acq: 04 Oct 2018 21:57

Instrument :
MSVOA_V
ClientSampleId :
C0J78

Tgt Ion: 96 Resp: 193342
Ion Ratio Lower Upper
96 100
61 126.1 89.5 166.1
68 0.0 0.0 0.0



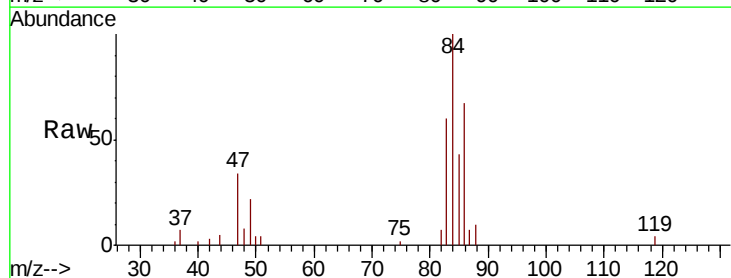
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



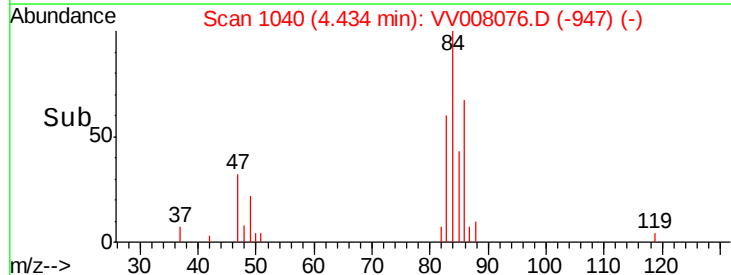
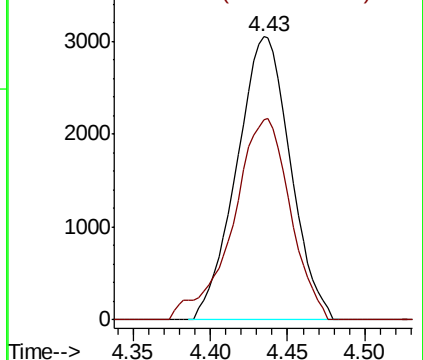
#25

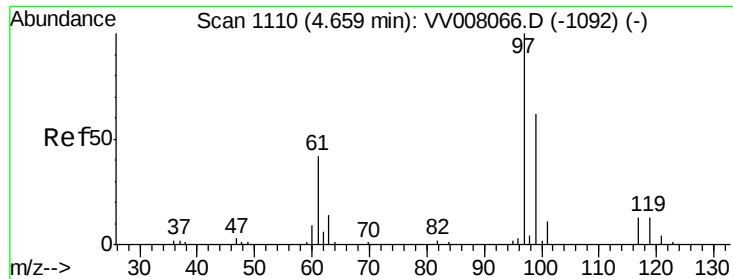
Chloroform
Concen: 0.681 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV008076.D
Acq: 04 Oct 2018 21:57

Tgt Ion: 83 Resp: 7382
Ion Ratio Lower Upper
83 100
85 70.6 44.8 83.2



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

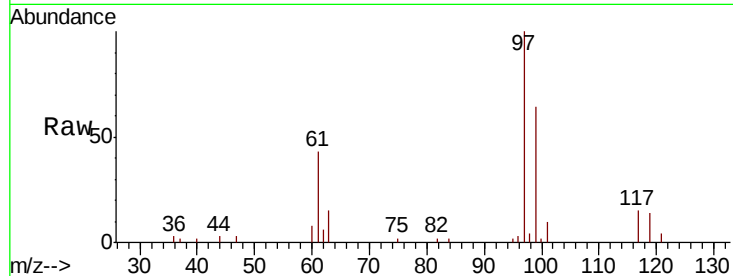




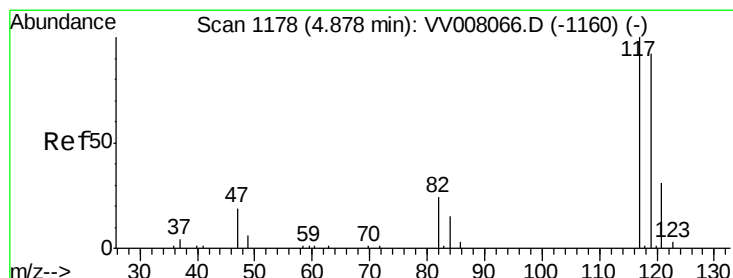
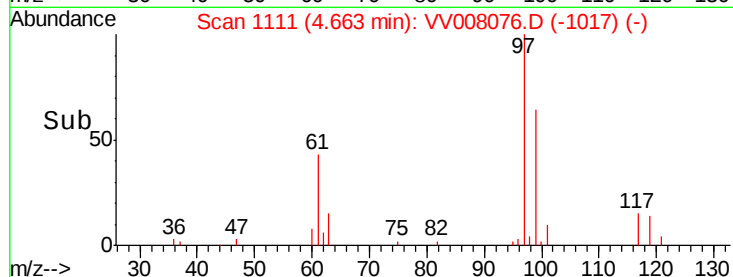
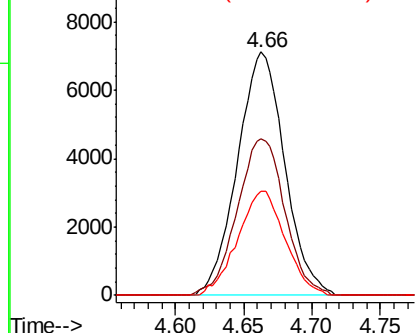
#29
 1,1,1-Trichloroethane
 Concen: 1.783 ug/L
 RT: 4.66 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: VV008076.D
 Acq: 04 Oct 2018 21:57

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Tgt Ion: 97 Resp: 17131
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.2 76.8
 61 43.0 34.6 52.0

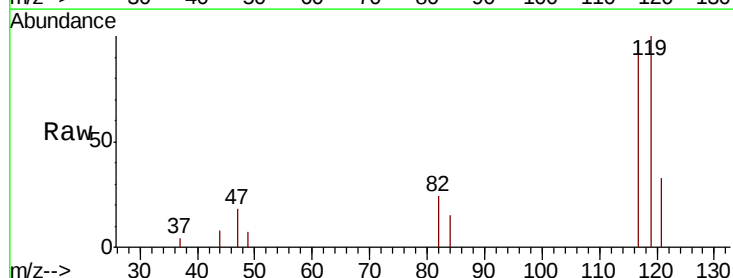


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

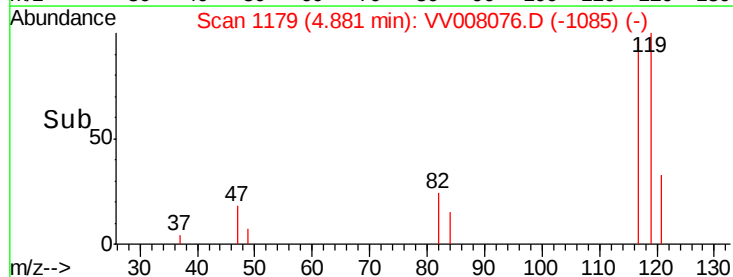
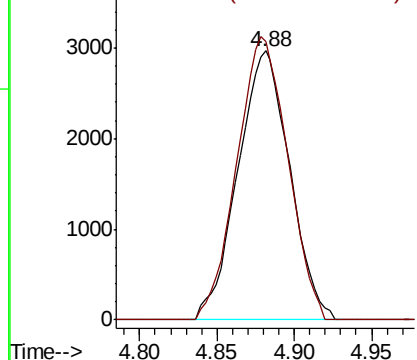


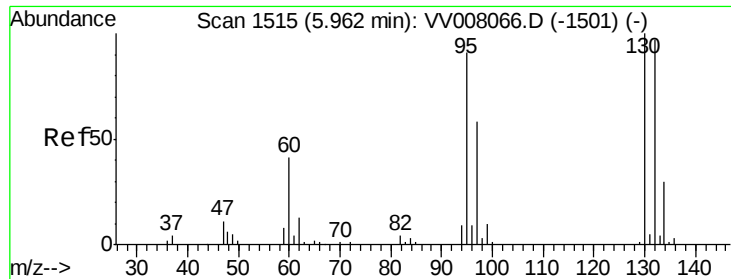
#31
 Carbon tetrachloride
 Concen: 0.815 ug/L
 RT: 4.88 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VV008076.D
 Acq: 04 Oct 2018 21:57

Tgt Ion: 117 Resp: 6899
 Ion Ratio Lower Upper
 117 100
 119 103.6 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V

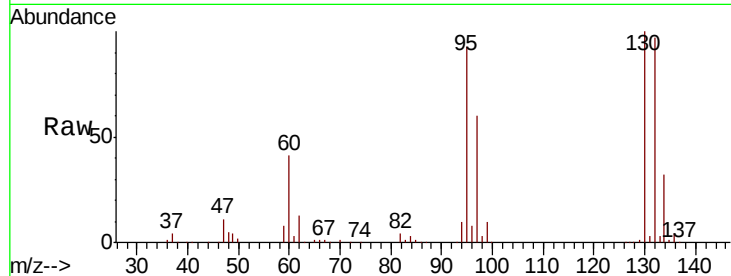




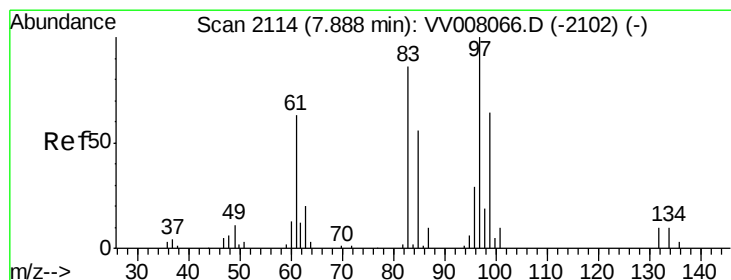
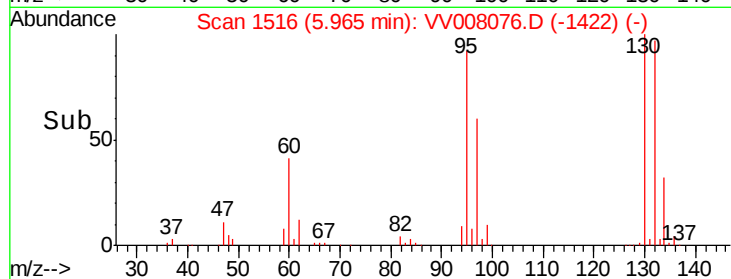
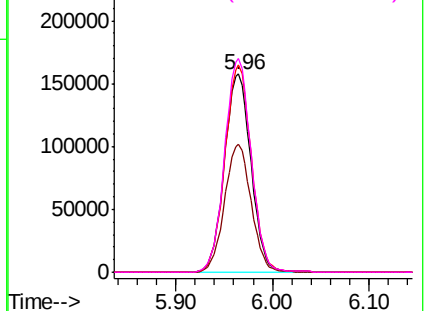
#34
 Trichloroethene
 Concen: 46.063 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV008076.D
 Acq: 04 Oct 2018 21:57

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Tgt Ion: 95 Resp: 301767
 Ion Ratio Lower Upper
 95 100
 97 64.4 43.6 81.0
 132 104.6 69.9 129.9
 130 107.8 71.7 133.3



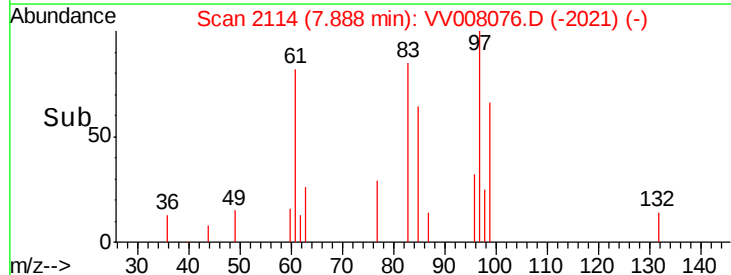
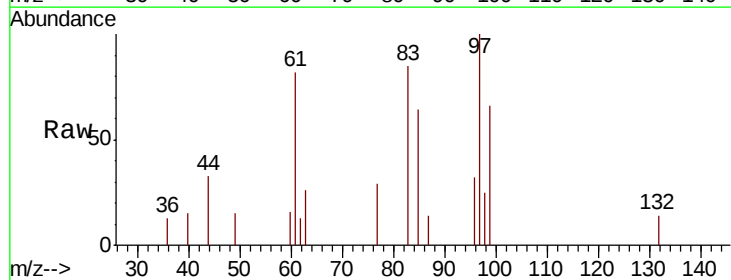
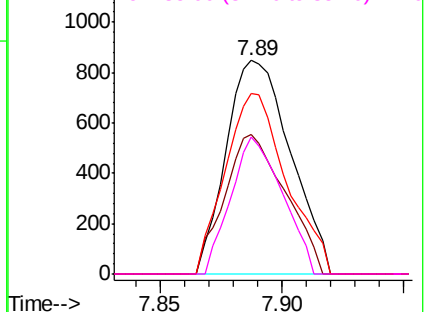
Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

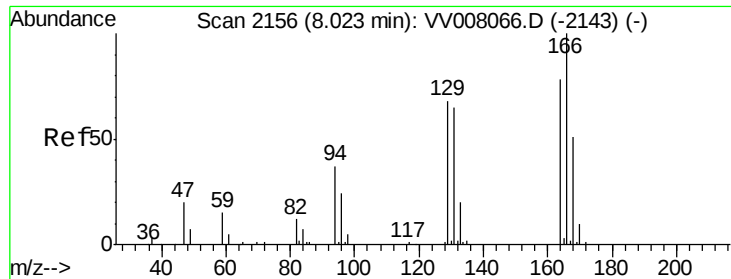


#45
 1,1,2-Trichloroethane
 Concen: 0.369 ug/L
 RT: 7.89 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VV008076.D
 Acq: 04 Oct 2018 21:57

Tgt Ion: 97 Resp: 1555
 Ion Ratio Lower Upper
 97 100
 99 65.6 43.5 80.9
 83 84.6 59.7 110.9
 85 64.3 39.5 73.3

Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 82.95 (82.65 to 83.65): VV0
 Ion 85.00 (84.70 to 85.70): VV0





#47

Tetrachloroethene

Concen: 38.712 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008076.D

Acq: 04 Oct 2018 21:57

Instrument :

MSVOA_V

ClientSampleId :

C0J78

Tgt Ion:164 Resp: 235003

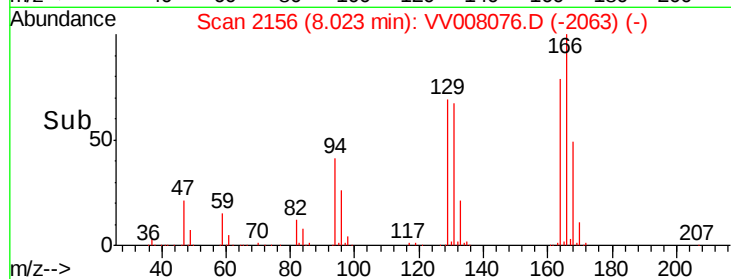
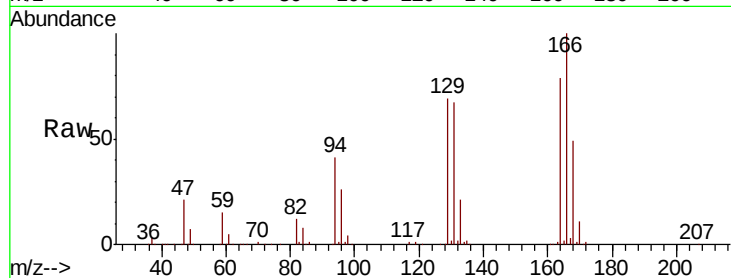
Ion Ratio Lower Upper

164 100

129 88.2 59.2 110.0

131 85.3 57.1 106.1

166 127.1 88.6 164.6



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

