

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100418\
 Data File : VV008074.D
 Acq On : 04 Oct 2018 21:02
 Operator : SY/MD
 Sample : J5246-08
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J76

Quant Time: Oct 05 06:39:05 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	80640	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	78408	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38964	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	16933	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.59	69	16167	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.14	63	46223	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.60%
20) 2-Butanone-d5	3.96	46	69754	53.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.30%
24) Chloroform-d	4.41	84	47026	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.09	65	25626	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.10	84	85717	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.13	67	29403	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.36	98	77413	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	7.67	79	9455	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.14	63	46215	45.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.64%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21227	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	34797	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

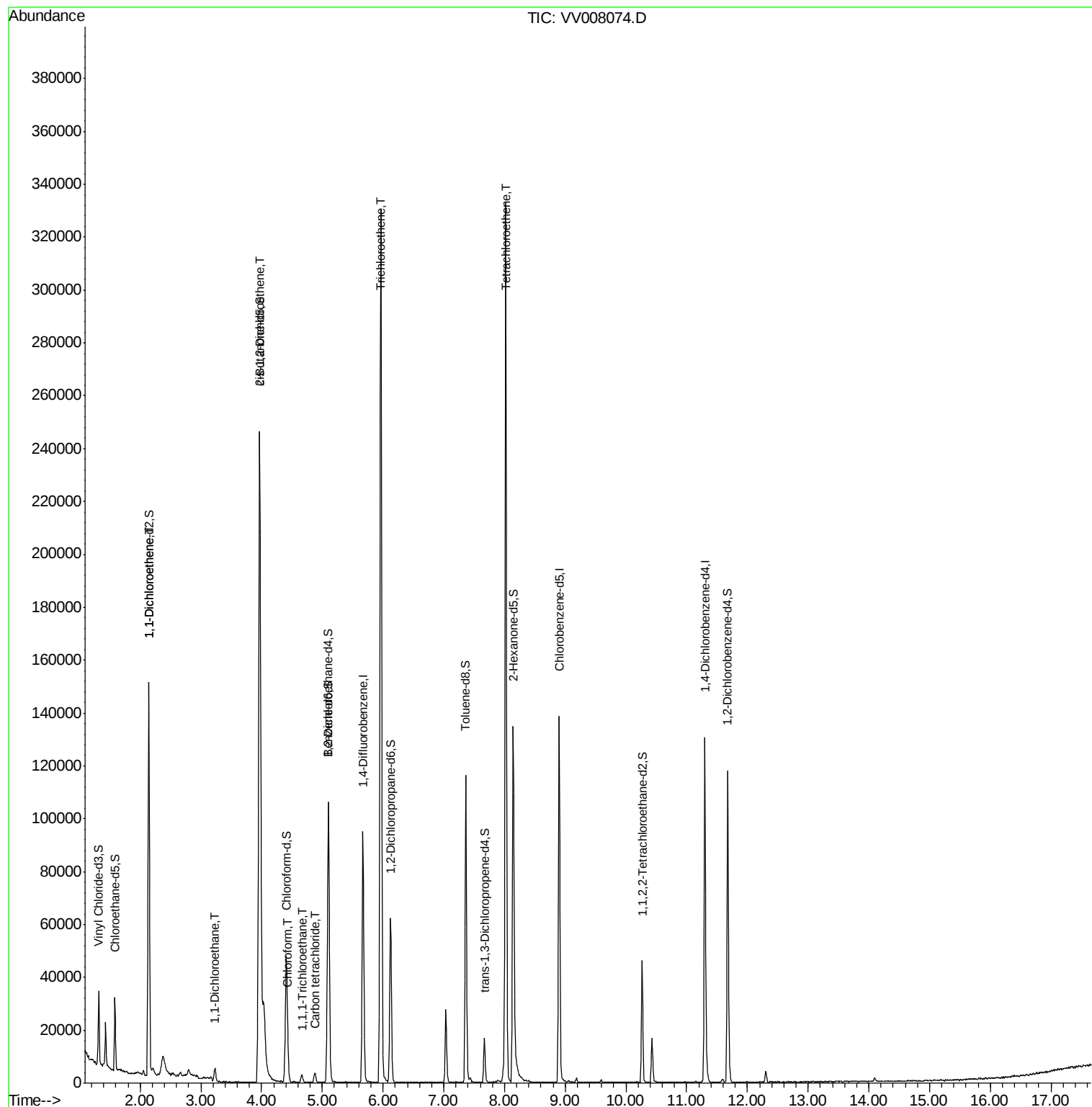
					Qvalue
12) 1,1-Dichloroethene	2.14	96	35386	6.639 ug/L	90
19) 1,1-Dichloroethane	3.23	63	5229	0.522 ug/L	97
22) cis-1,2-Dichloroethene	3.97	96	117418	19.736 ug/L	96
25) Chloroform	4.44	83	3327	0.307 ug/L	89
29) 1,1,1-Trichloroethane	4.67	97	2249	0.239 ug/L	92
31) Carbon tetrachloride	4.88	117	2767	0.333 ug/L	100
34) Trichloroethene	5.96	95	111105	17.282 ug/L	95
47) Tetrachloroethene	8.02	164	76934	12.914 ug/L	98

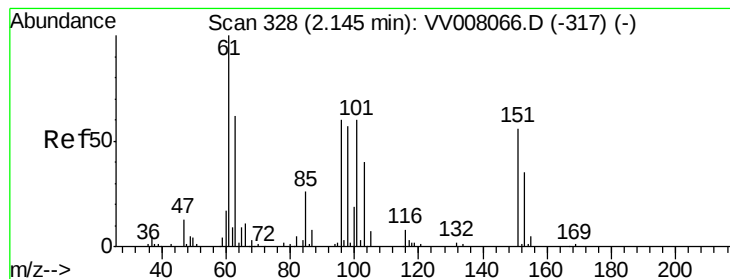
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 05 05:56:33 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 6.639 ug/L

RT: 2.14 min Scan# 328

Delta R.T. -0.00 min

Lab File: VV008074.D

Acq: 04 Oct 2018 21:02

Instrument :

MSVOA_V

ClientSampled :

C0J76

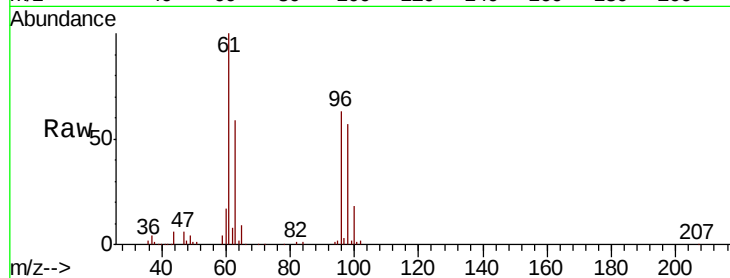
Tgt Ion: 96 Resp: 35386

Ion Ratio Lower Upper

96 100

61 159.8 114.1 211.9

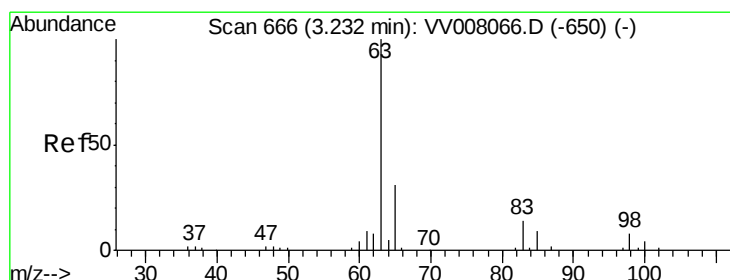
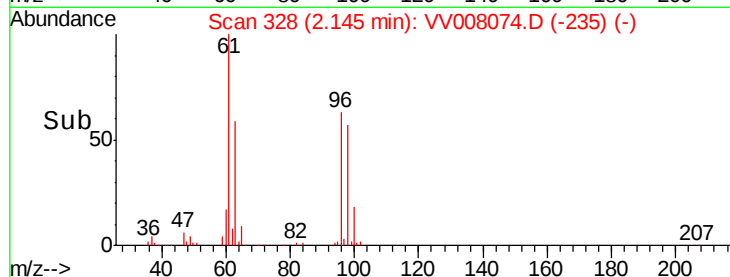
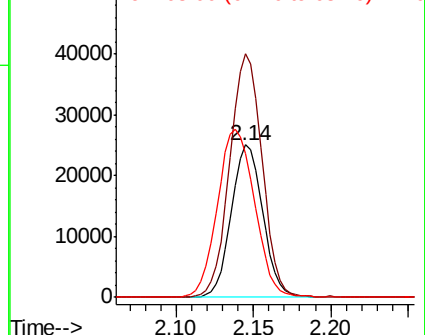
63 94.0 81.5 151.3



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



#19

1,1-Dichloroethane

Concen: 0.522 ug/L

RT: 3.23 min Scan# 666

Delta R.T. -0.00 min

Lab File: VV008074.D

Acq: 04 Oct 2018 21:02

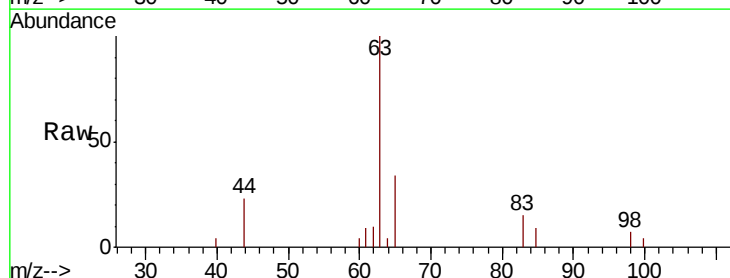
Tgt Ion: 63 Resp: 5229

Ion Ratio Lower Upper

63 100

65 33.7 22.3 41.5

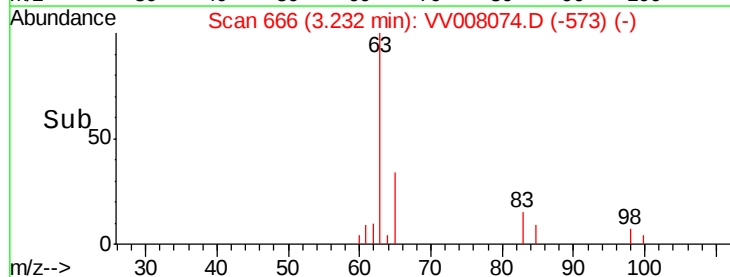
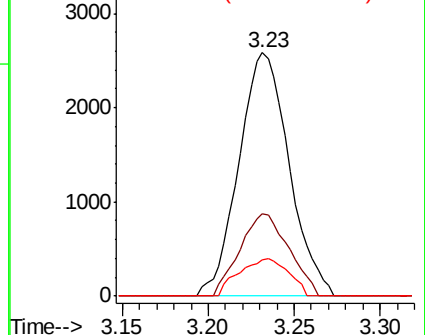
83 14.7 9.8 18.2

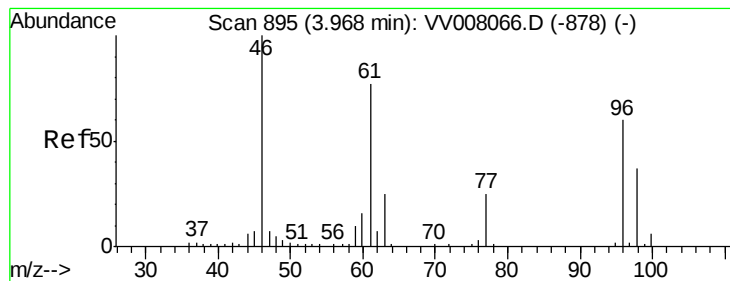


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



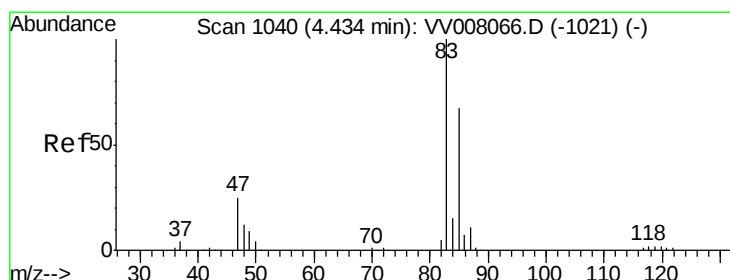
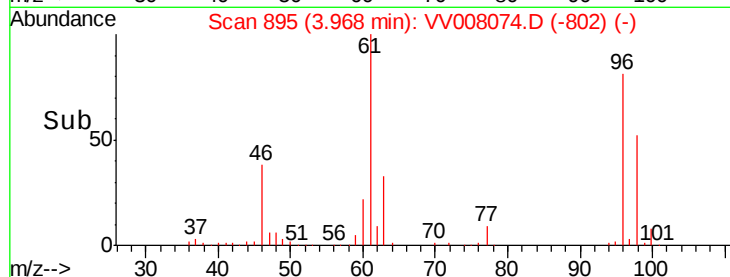
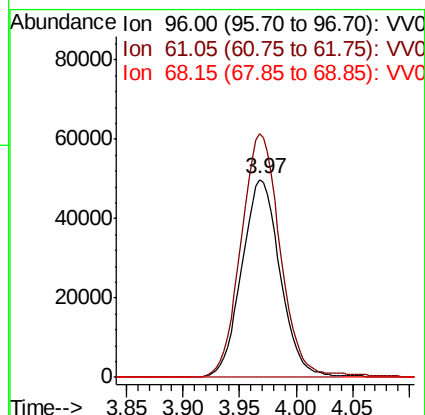
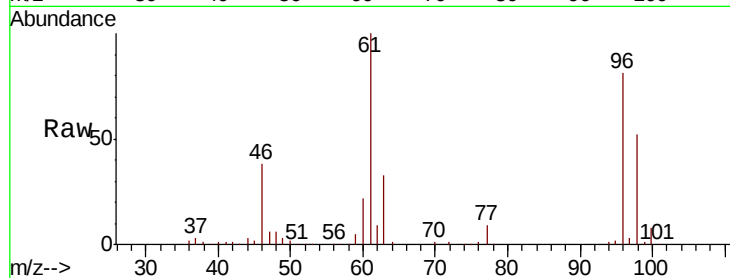


#22

cis-1,2-Dichloroethene
Concen: 19.736 ug/L
RT: 3.97 min Scan# 895
Delta R.T. -0.00 min
Lab File: VV008074.D
Acq: 04 Oct 2018 21:02

Instrument :
MSVOA_V
ClientSampled :
C0J76

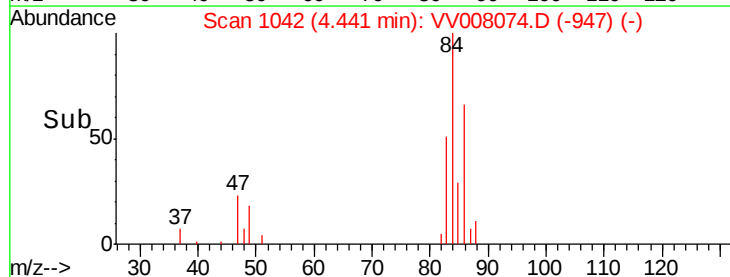
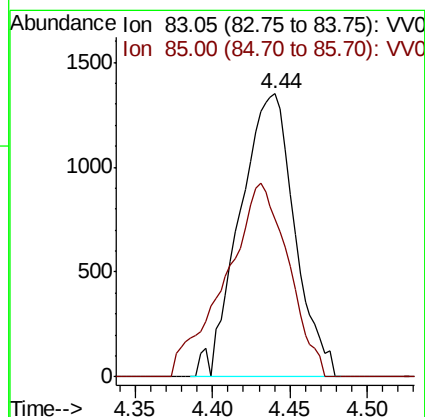
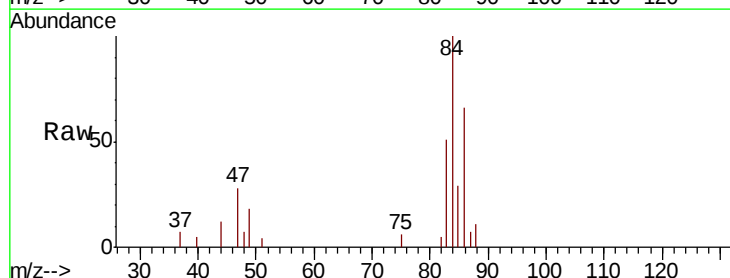
Tgt Ion: 96 Resp: 117418
Ion Ratio Lower Upper
96 100
61 123.0 89.5 166.1
68 0.0 0.0 0.0

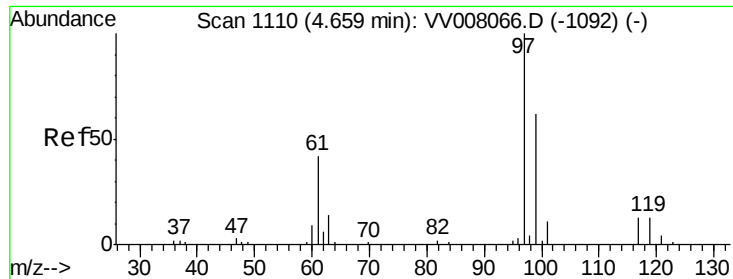


#25

Chloroform
Concen: 0.307 ug/L
RT: 4.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VV008074.D
Acq: 04 Oct 2018 21:02

Tgt Ion: 83 Resp: 3327
Ion Ratio Lower Upper
83 100
85 55.7 44.8 83.2

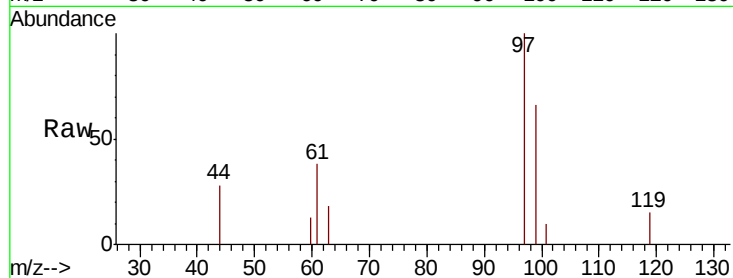




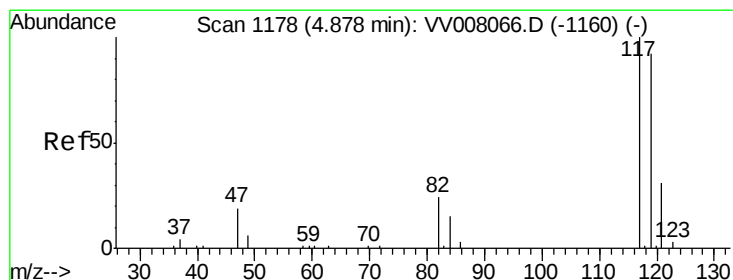
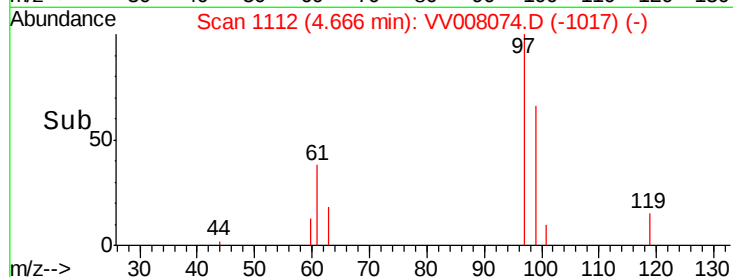
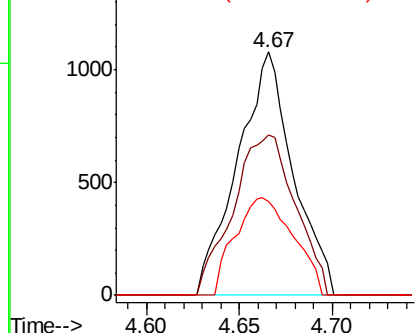
#29
 1,1,1-Trichloroethane
 Concen: 0.239 ug/L
 RT: 4.67 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: VV008074.D
 Acq: 04 Oct 2018 21:02

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J76

Tgt Ion: 97 Resp: 2249
 Ion Ratio Lower Upper
 97 100
 99 73.8 51.2 76.8
 61 42.1 34.6 52.0

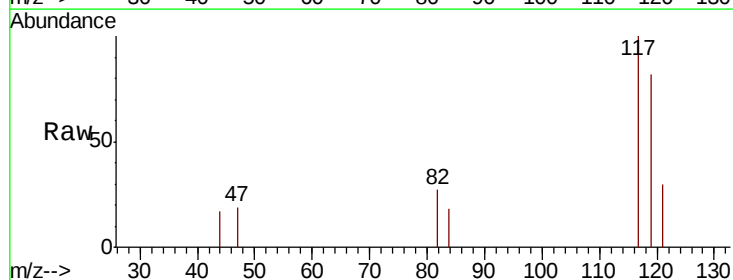


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

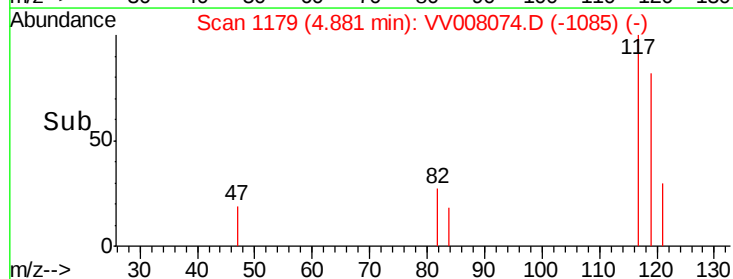
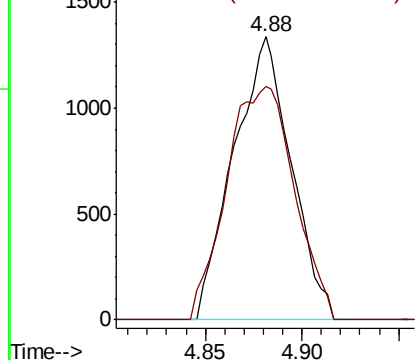


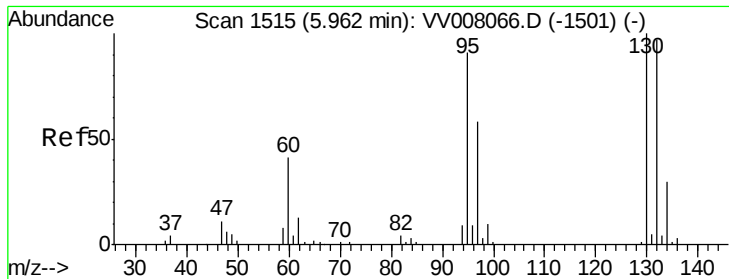
#31
 Carbon tetrachloride
 Concen: 0.333 ug/L
 RT: 4.88 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VV008074.D
 Acq: 04 Oct 2018 21:02

Tgt Ion: 117 Resp: 2767
 Ion Ratio Lower Upper
 117 100
 119 97.0 77.8 116.8



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

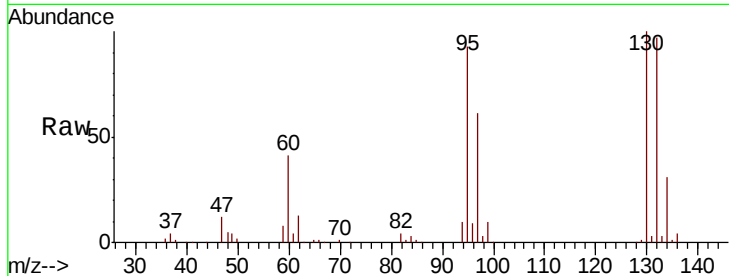




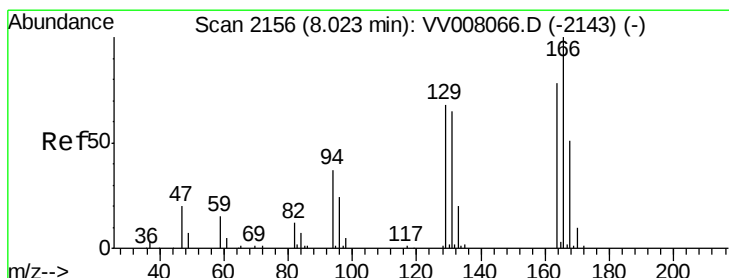
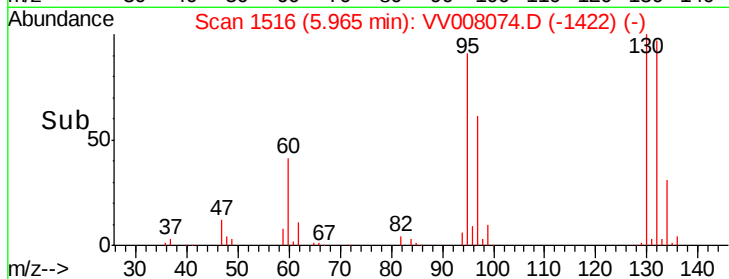
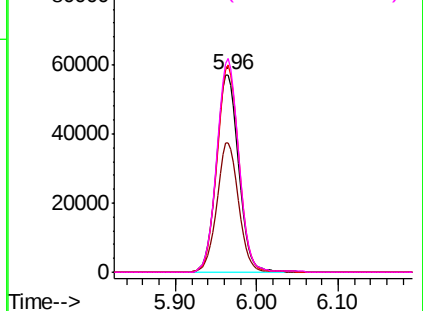
#34
 Trichloroethene
 Concen: 17.282 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV008074.D
 Acq: 04 Oct 2018 21:02

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J76

Tgt Ion: 95 Resp: 111105
 Ion Ratio Lower Upper
 95 100
 97 65.6 43.6 81.0
 132 104.8 69.9 129.9
 130 108.1 71.7 133.3

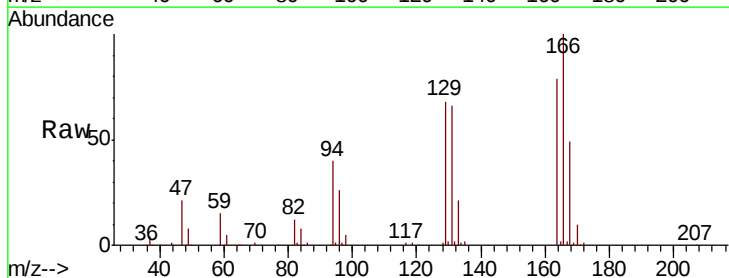


Abundance Ion 95.00 (94.70 to 95.70): VV008066.D (-1501) (-)
 Ion 96.95 (96.65 to 97.65): VV008066.D (-1501) (-)
 Ion 131.95 (131.65 to 132.65): VV008066.D (-1501) (-)
 Ion 129.95 (129.65 to 130.65): VV008066.D (-1501) (-)



#47
 Tetrachloroethene
 Concen: 12.914 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: VV008074.D
 Acq: 04 Oct 2018 21:02

Tgt Ion: 164 Resp: 76934
 Ion Ratio Lower Upper
 164 100
 129 86.3 59.2 110.0
 131 84.4 57.1 106.1
 166 127.0 88.6 164.6



Abundance Ion 163.90 (163.60 to 164.60): VV008066.D (-2143) (-)
 Ion 128.95 (128.65 to 129.65): VV008066.D (-2143) (-)
 Ion 130.95 (130.65 to 131.65): VV008066.D (-2143) (-)
 Ion 165.90 (165.60 to 166.60): VV008066.D (-2143) (-)

