

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 05:57:50 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

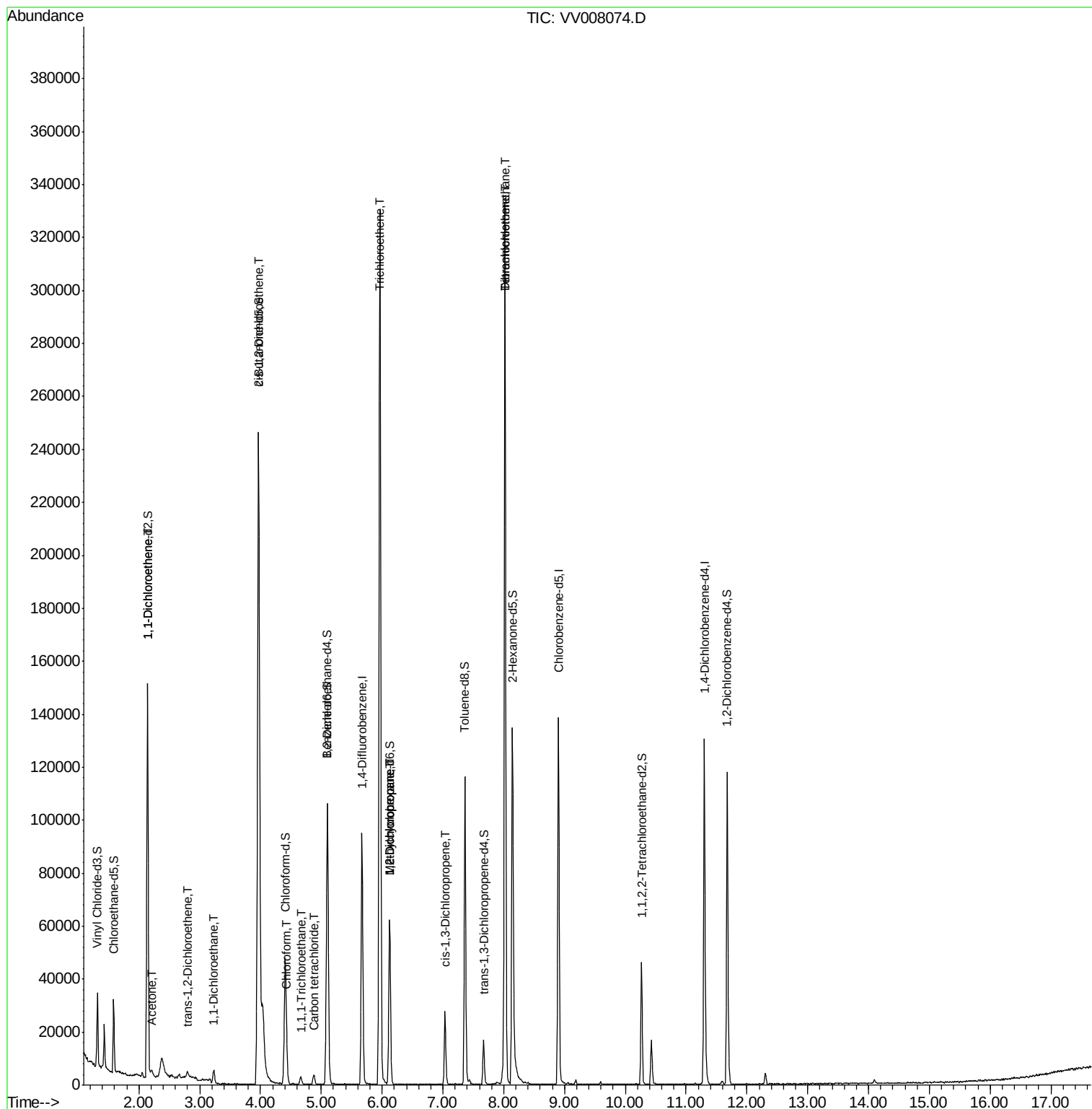
					Qvalue
12) 1,1-Dichloroethene	2.14	96	35386	6.639	ug/L 90
13) Acetone	2.21	43	2742	2.894	ug/L 97
18) trans-1,2-Dichloroethene	2.79	96	728	0.124	ug/L 92
19) 1,1-Dichloroethane	3.23	63	5229	0.522	ug/L 97
22) cis-1,2-Dichloroethene	3.97	96	117418	19.736	ug/L 96
25) Chloroform	4.44	83	3327	0.307	ug/L 89
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
35) Methylcyclohexane	6.13	83	7324	0.760	ug/L # 20
37) 1,2-Dichloropropane	6.13	63	3474	0.606	ug/L # 87
39) cis-1,3-Dichloropropene	7.03	75	708	0.092	ug/L # 62
47) Tetrachloroethene	8.02	164	76934	12.914	ug/L 98
49) Dibromochloromethane	8.02	129	64432	13.636	ug/L # 12

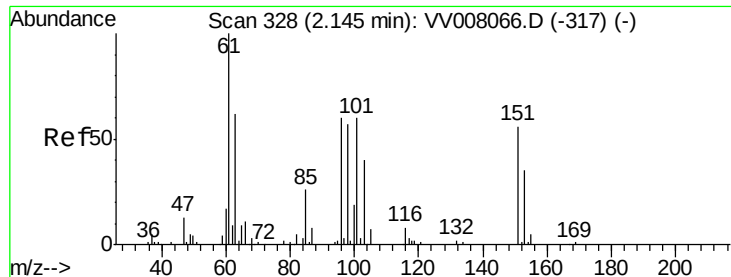
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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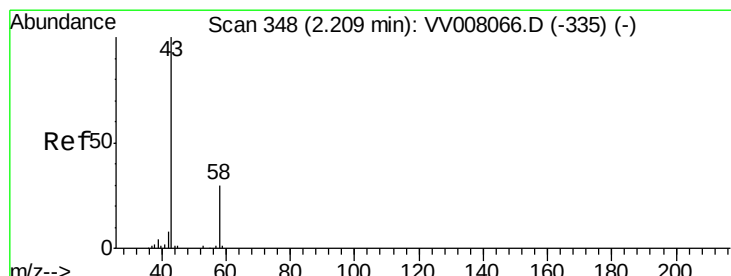
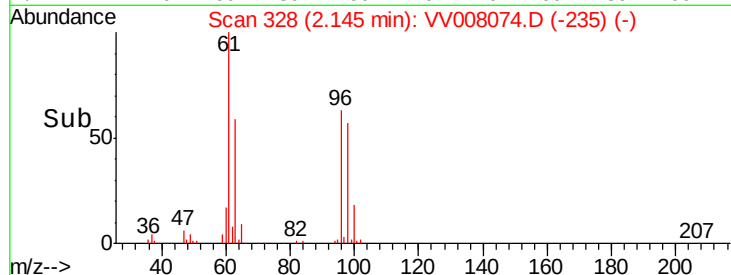
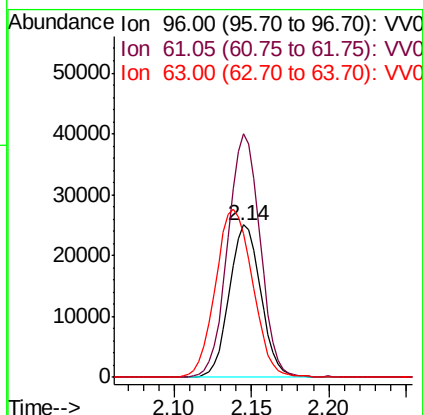
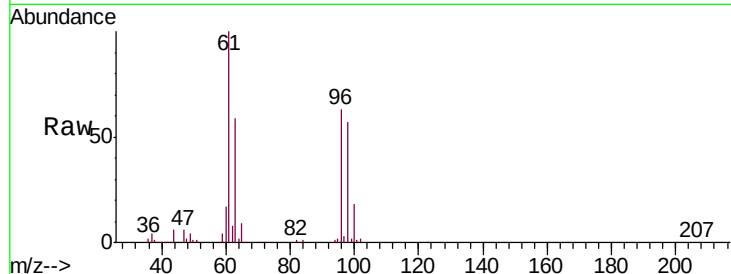




#12
 1,1-Dichloroethene
 Concen: 6.639 ug/L
 RT: 2.14 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VV008074.D
 Acq: 04 Oct 2018 21:02

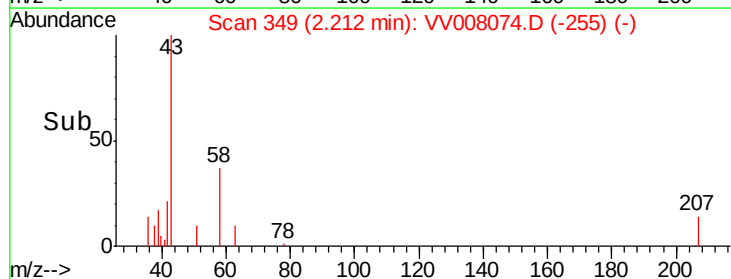
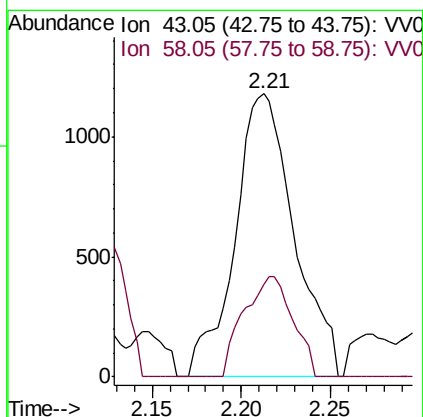
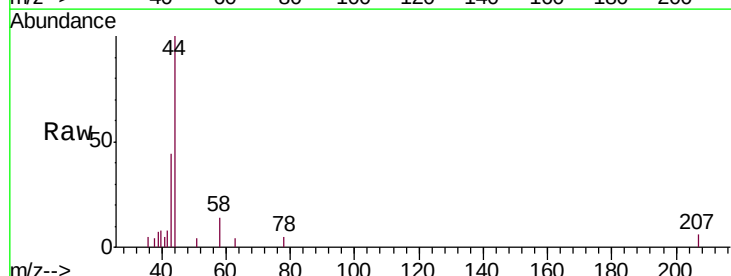
Instrument :
 MSVOA_V
 ClientSampleId :
 C0J76

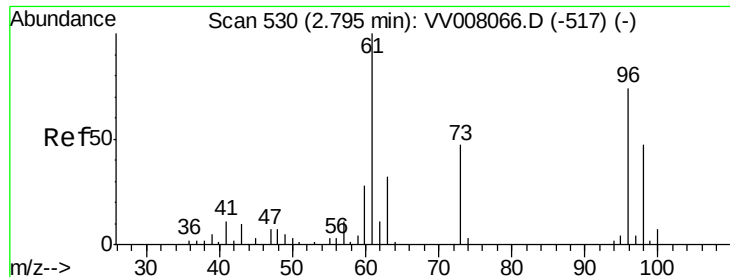
Tgt Ion	Resp	Lower	Upper
96	35386		
Ion Ratio			
96	100		
61	159.8	114.1	211.9
63	94.0	81.5	151.3



#13
 Acetone
 Concen: 2.894 ug/L
 RT: 2.21 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VV008074.D
 Acq: 04 Oct 2018 21:02

Tgt Ion	Resp	Lower	Upper
43	2742		
Ion Ratio			
43	100		
58	29.4	0.0	62.0





#18

trans-1,2-Dichloroethene

Concen: 0.124 ug/L

RT: 2.79 min Scan# 530

Delta R.T. -0.00 min

Lab File: VV008074.D

Acq: 04 Oct 2018 21:02

Instrument :

MSVOA_V

ClientSampleId :

C0J76

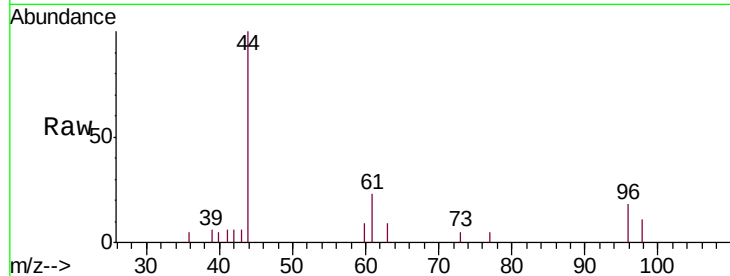
Tgt Ion: 96 Resp: 728

Ion Ratio Lower Upper

96 100

61 124.7 94.2 175.0

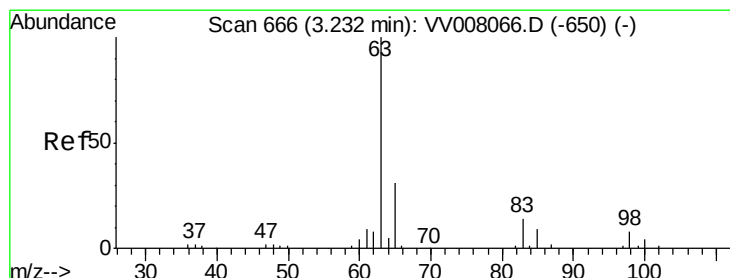
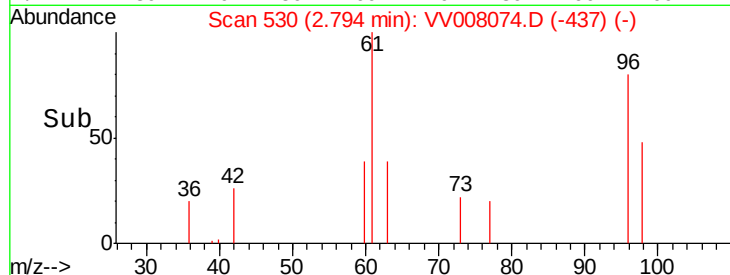
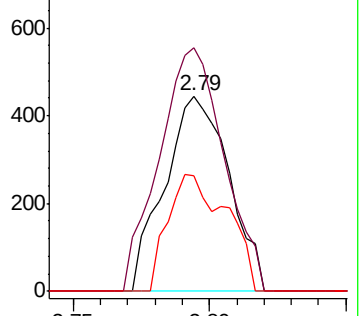
98 59.3 44.9 83.5



Abundance Ion 96.00 (95.70 to 96.70): VV008066.D (-517) (-)

Ion 61.05 (60.75 to 61.75): VV008066.D (-517) (-)

Ion 97.95 (97.65 to 98.65): VV008066.D (-517) (-)



#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

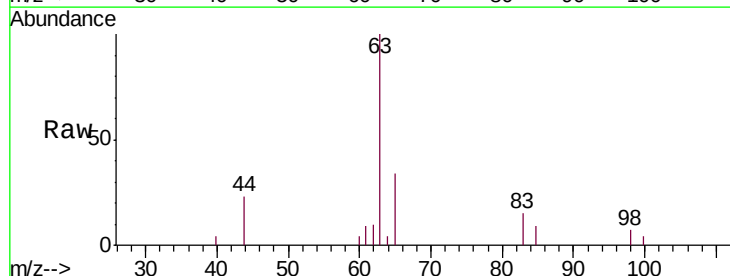
Tgt Ion: 63 Resp: 5229

Ion Ratio Lower Upper

63 100

65 33.7 22.3 41.5

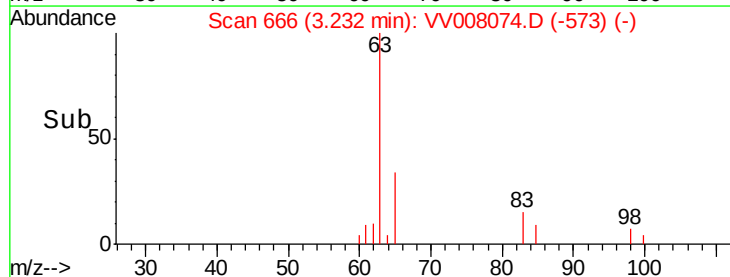
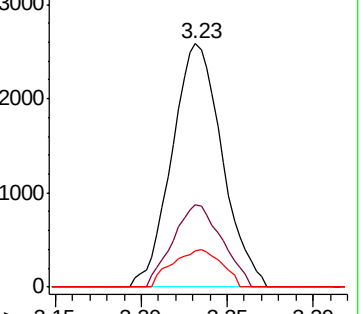
83 14.7 9.8 18.2

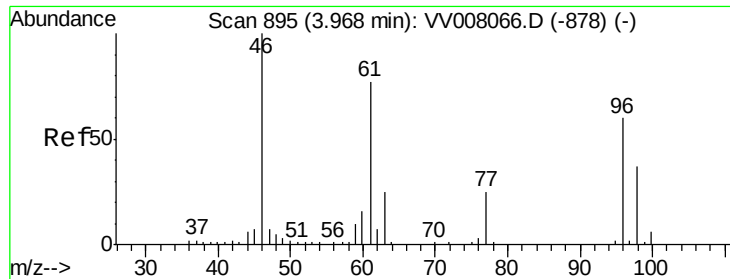


Abundance Ion 63.10 (62.80 to 63.80): VV008066.D (-650) (-)

Ion 65.10 (64.80 to 65.80): VV008066.D (-650) (-)

Ion 83.05 (82.75 to 83.75): VV008066.D (-650) (-)



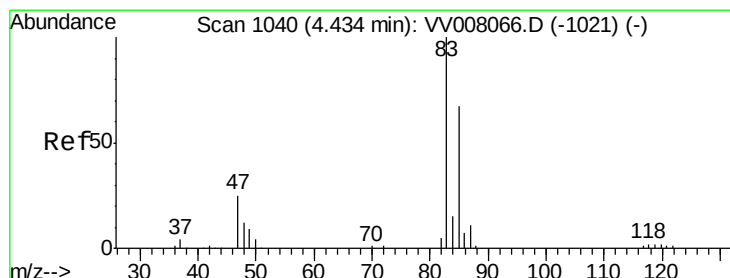
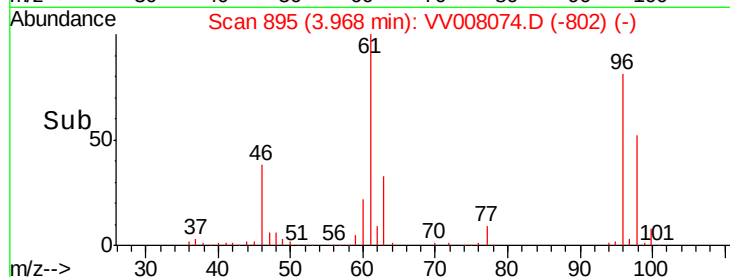
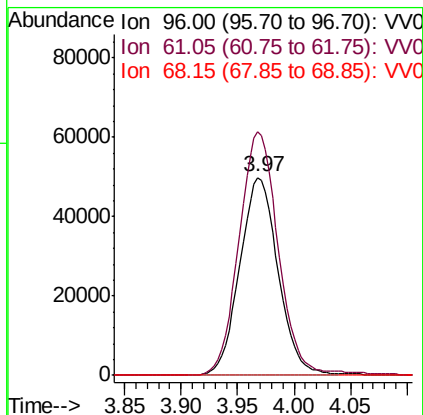
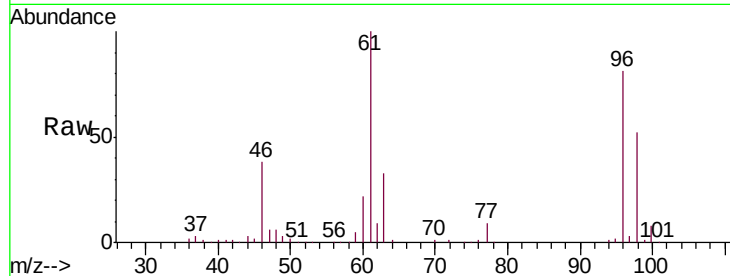


#22

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

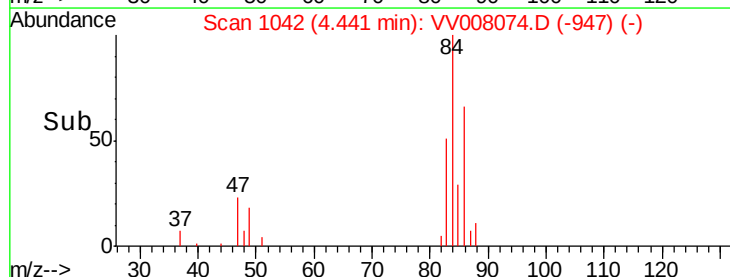
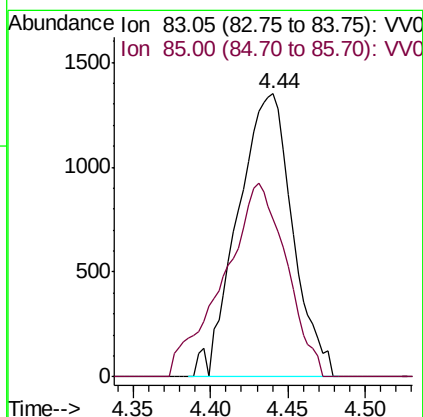
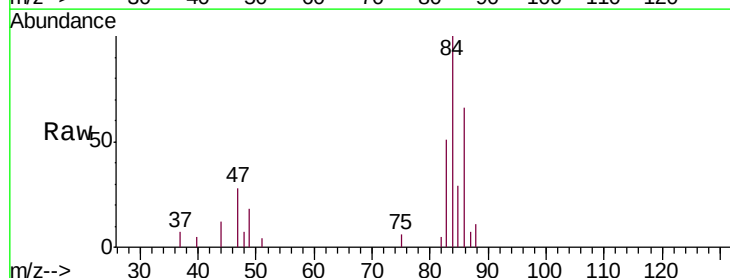
Tgt Ion: 96 Resp: 117418
 Ion Ratio Lower Upper
 96 100
 61 123.0 89.5 166.1
 68 0.0 0.0 0.0

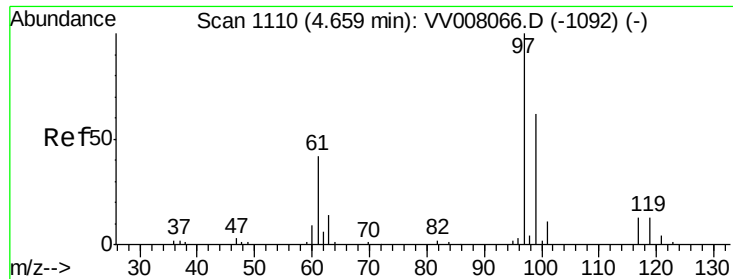


#25

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

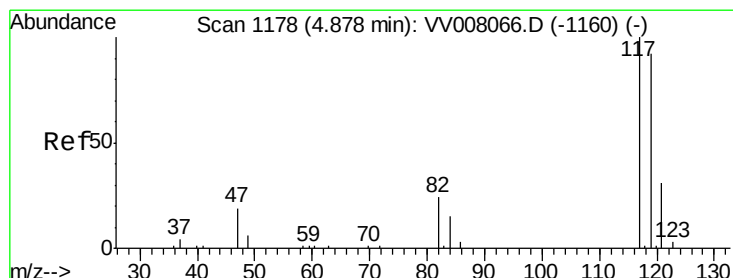
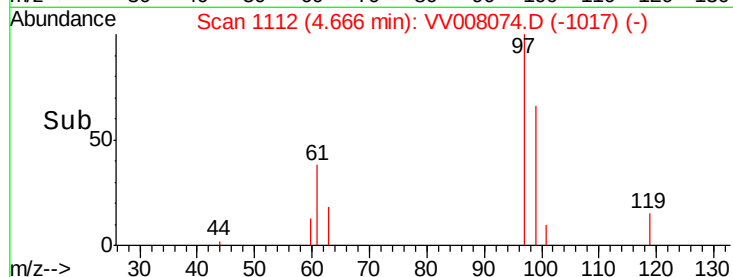
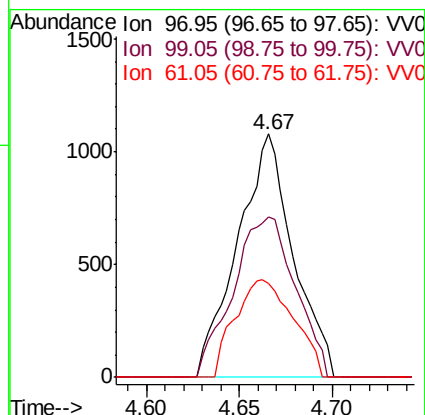
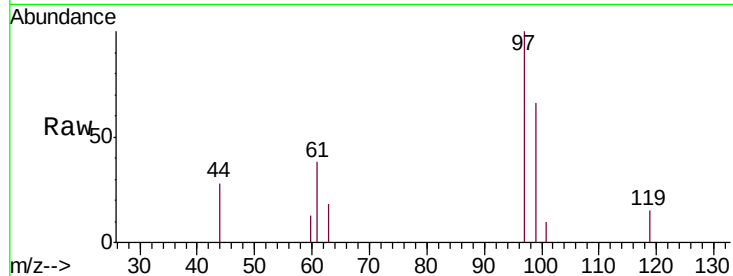




#29
 1,1,1-Trichloroethane
 Concen: 0.239 ug/L
 RT: 4.67 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: VV008074.D
 Acq: 04 Oct 2018 21:02

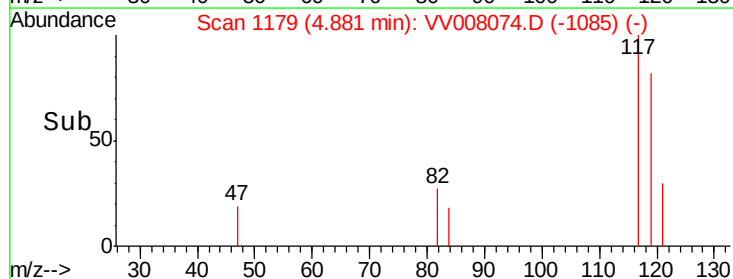
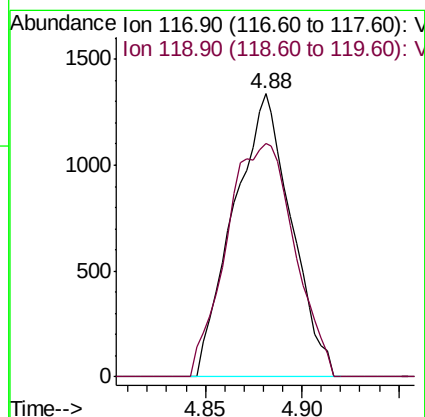
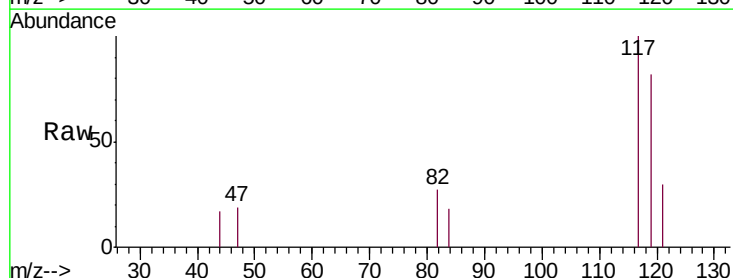
Instrument :
 MSVOA_V
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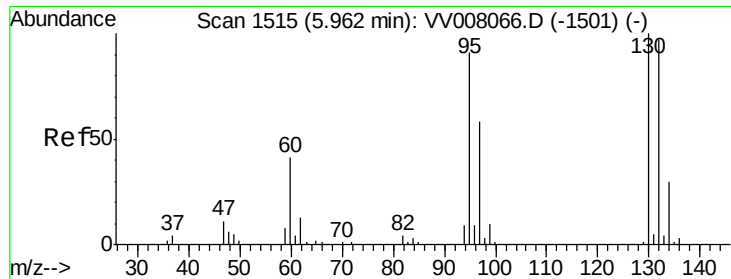
Tgt Ion: 97 Resp: 2249
 Ion Ratio Lower Upper
 97 100
 99 73.8 51.2 76.8
 61 42.1 34.6 52.0



#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





#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

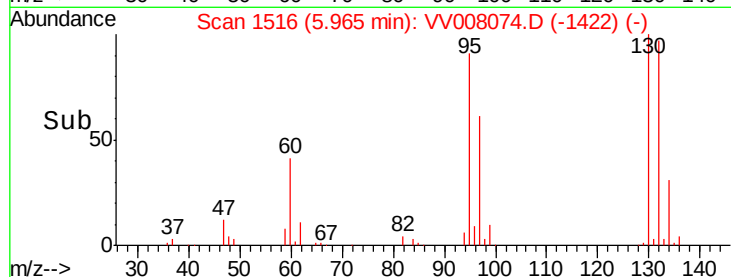
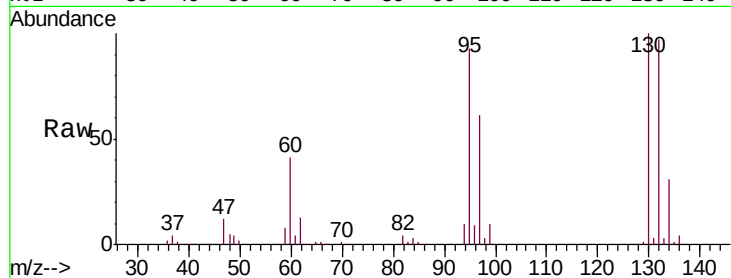
Ion Ratio Lower Upper

95 100

97 65.6 43.6 81.0

132 104.8 69.9 129.9

130 108.1 71.7 133.3

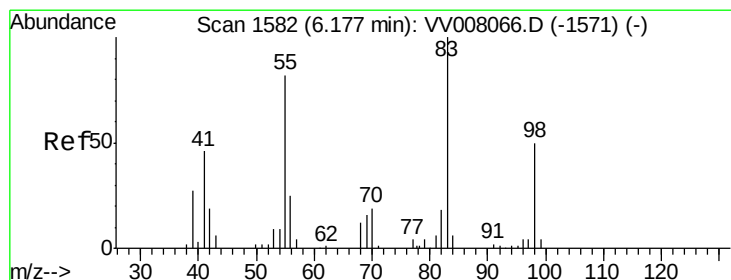
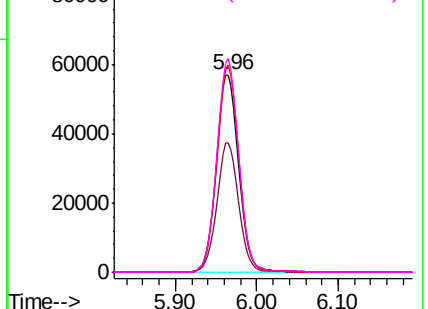


Abundance Ion 95.00 (94.70 to 95.70): VV008066.D (-1501) (-)

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) (-)



#35

Methylcyclohexane

Concen: 0.760 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV008074.D

Acq: 04 Oct 2018 21:02

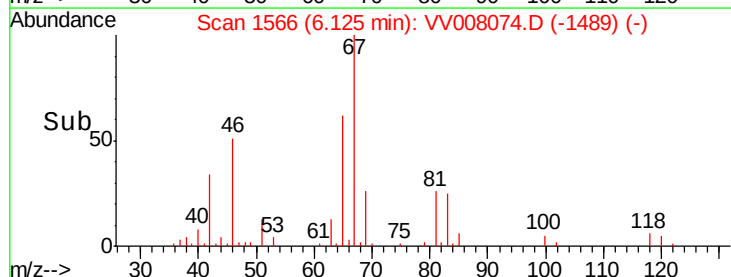
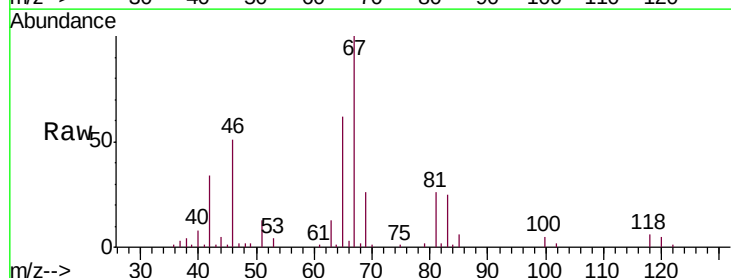
Tgt Ion: 83 Resp: 7324

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

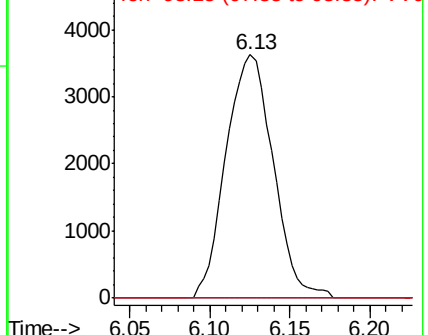
98 4.6 38.0 57.0#

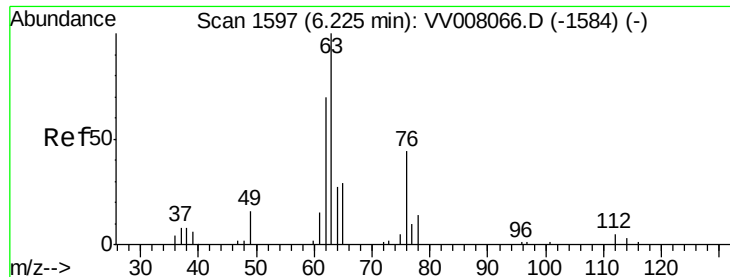


Abundance Ion 83.15 (82.85 to 83.85): VV008066.D (-1571) (-)

Ion 55.10 (54.80 to 55.80): VV008066.D (-1571) (-)

Ion 98.15 (97.85 to 98.85): VV008066.D (-1571) (-)

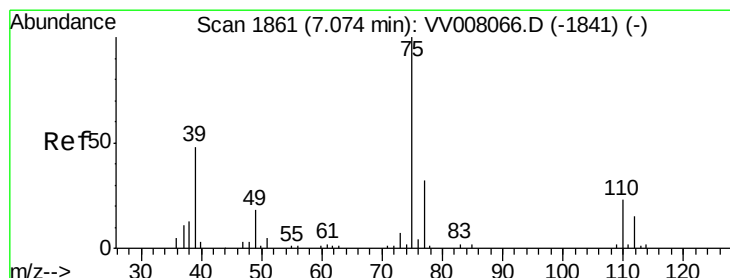
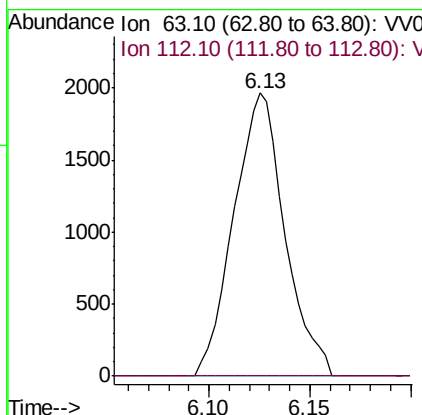
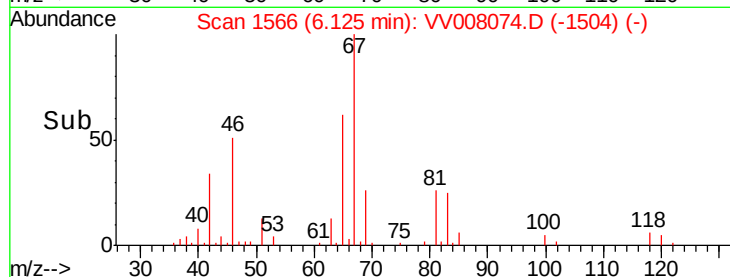
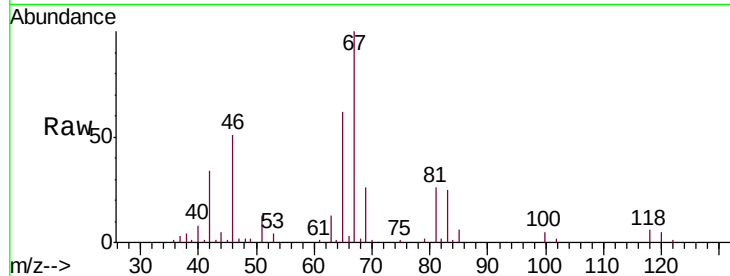




#37
 1,2-Dichloropropane
 Concen: 0.606 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV008074.D
 Acq: 04 Oct 2018 21:02

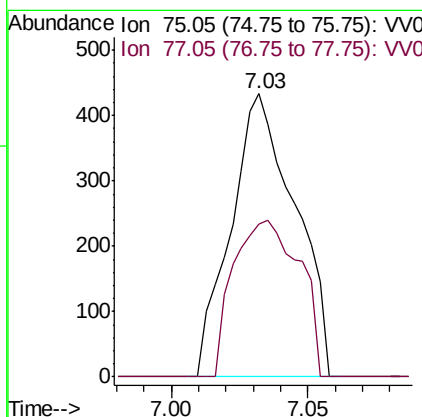
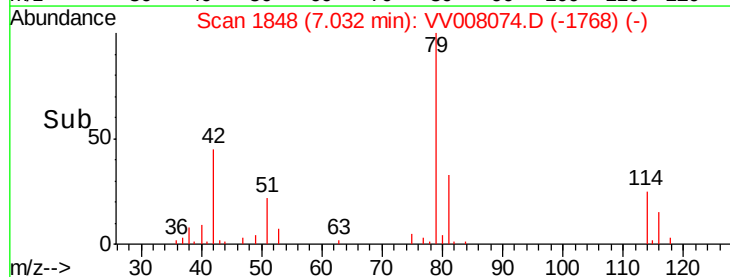
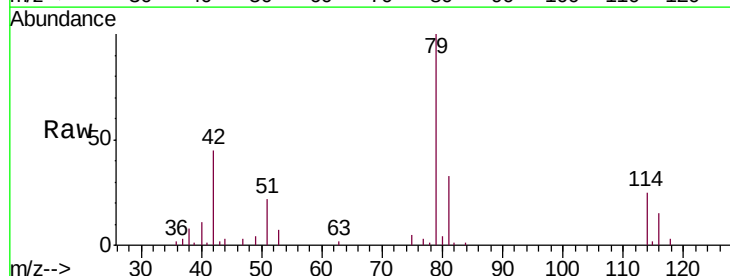
Instrument :
 MSVOA_V
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 C0J76

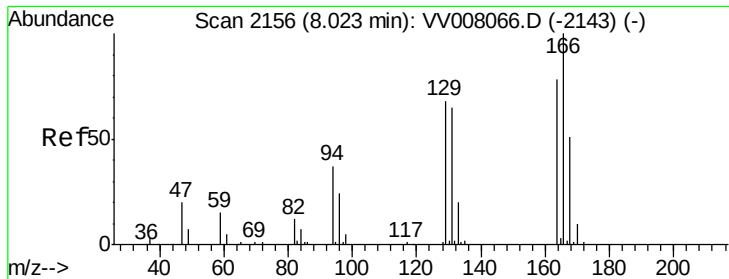
Tgt Ion: 63 Resp: 3474
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008074.D
 Acq: 04 Oct 2018 21:02

Tgt Ion: 75 Resp: 708
 Ion Ratio Lower Upper
 75 100
 77 53.8 22.9 42.5#

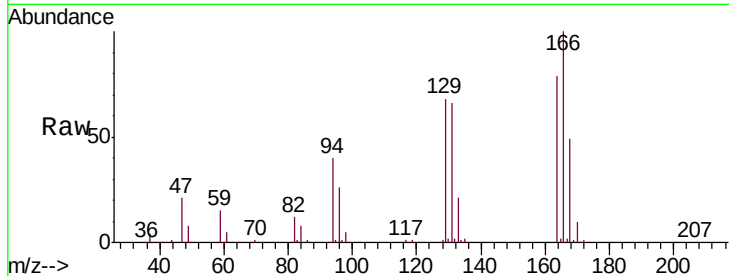




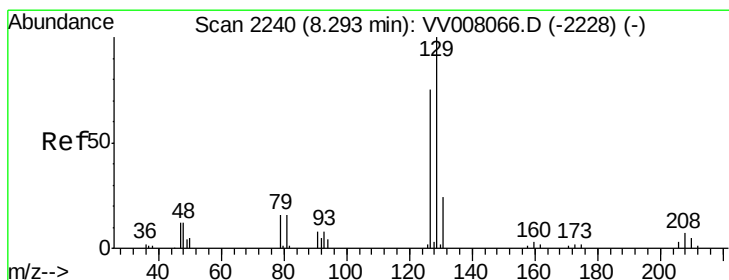
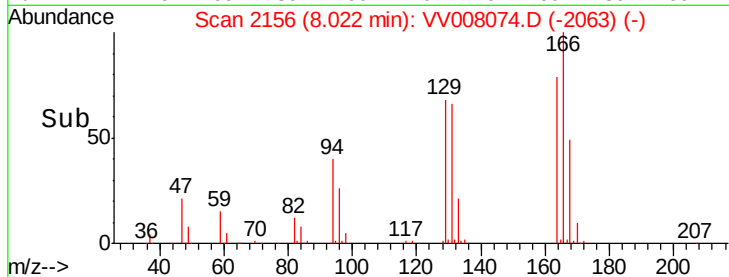
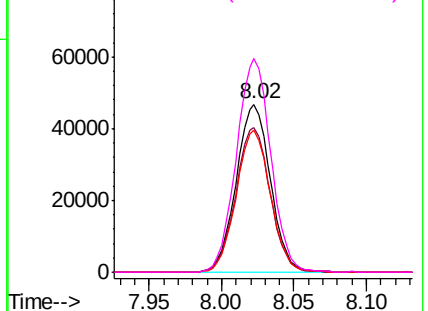
#47
Tetrachloroethene
Concen: 12.914 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.00 min
Lab File: VV008074.D
Acq: 04 Oct 2018 21:02

Instrument :
MSVOA_V
ClientSampleId :
C0J76

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

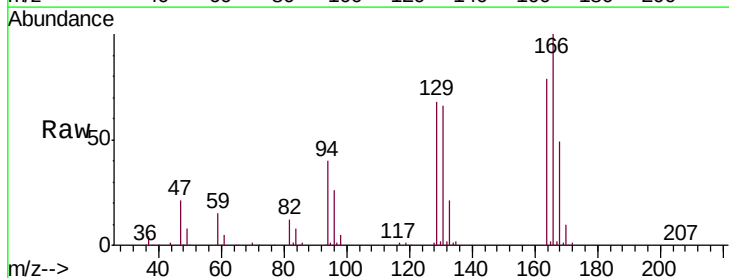


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#49
Dibromochloromethane
Concen: 13.636 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV008074.D
Acq: 04 Oct 2018 21:02

Tgt Ion:129 Resp: 64432
Ion Ratio Lower Upper
129 100
127 0.0 53.1 98.5#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

