

Data File : VV008102.D
Acq On : 05 Oct 2018 17:14
Operator : SY/MD
Sample : J5246-07DL 5X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J75DL

Quant Time: Oct 06 01:05:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 06 01:03:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	104670	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	99431	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45888	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26968	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.59	69	23422	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.14	63	64080	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.80%
20) 2-Butanone-d5	3.96	46	72843	47.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.26%
24) Chloroform-d	4.41	84	58243	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.09	65	29761	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.10	84	113762	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.13	67	35733	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.36	98	102004	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	7.67	79	11869	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.14	63	50541	45.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	25156	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	40644	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

						Qvalue
5) Vinyl chloride	1.32	62	742	0.111	ug/L #	35
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	567	0.084	ug/L #	14
12) 1,1-Dichloroethene	2.15	96	45686	8.057	ug/L #	76
13) Acetone	2.21	43	1563	1.492	ug/L	54
16) Methylene chloride	2.54	84	854	0.124	ug/L	93
19) 1,1-Dichloroethane	3.23	63	4079	0.346	ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	10290	1.474	ug/L	97
25) Chloroform	4.43	83	1065	0.084	ug/L	82
29) 1,1,1-Trichloroethane	4.66	97	2656	0.241	ug/L	98
34) Trichloroethene	5.96	95	18224	2.489	ug/L	96
35) Methylcyclohexane	6.13	83	8694	0.850	ug/L #	17
37) 1,2-Dichloropropane	6.13	63	4058	0.599	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	839	0.097	ug/L #	73
47) Tetrachloroethene	8.02	164	13731	2.100	ug/L	91
49) Dibromochloromethane	8.02	129	11503	1.942	ug/L #	10

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100518\
Quantitation Report (Not Reviewed)

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Instrument :
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Quant Time: Oct 06 01:05:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 06 01:03:16 2018
Response via : Initial Calibration

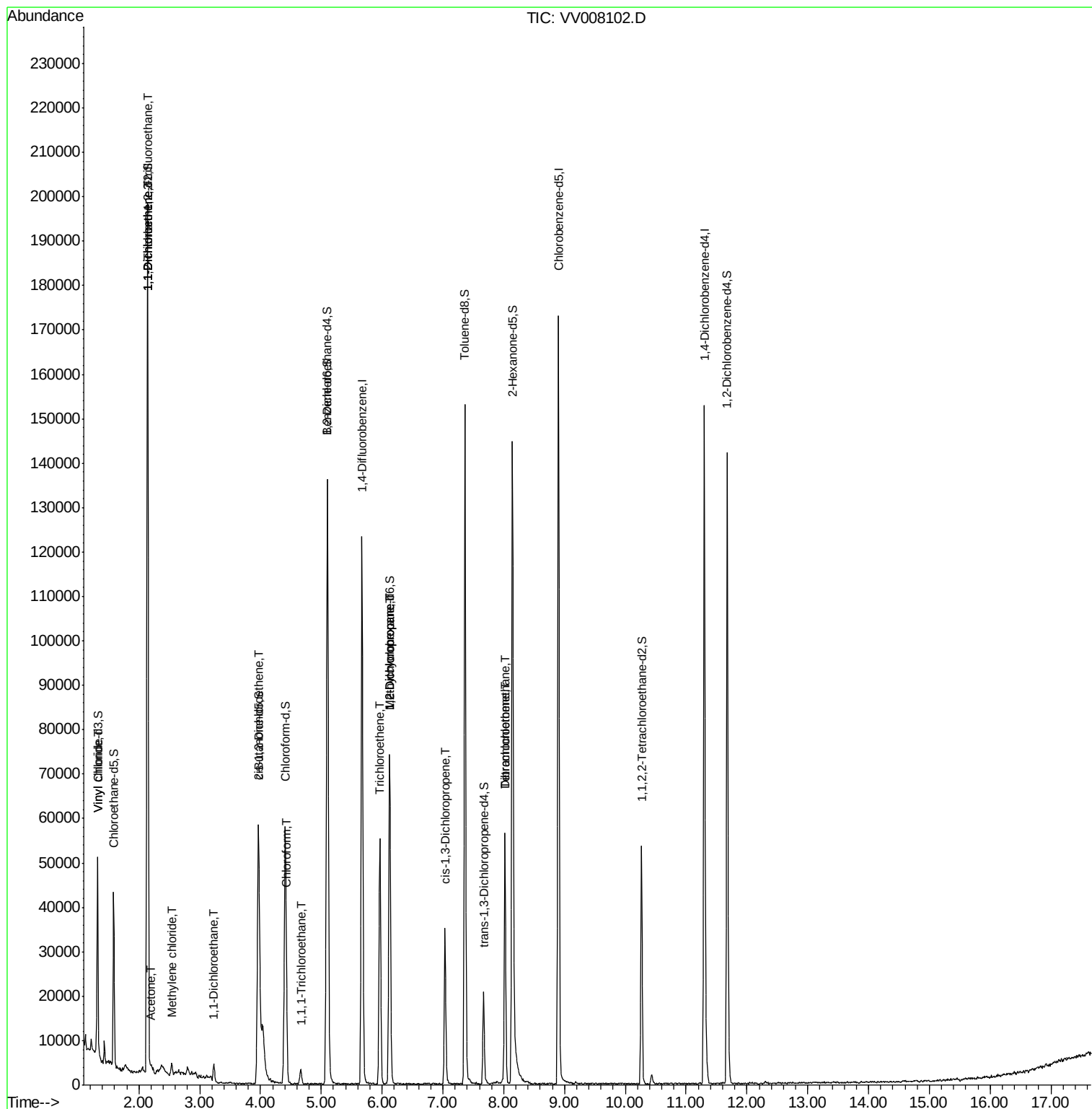
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

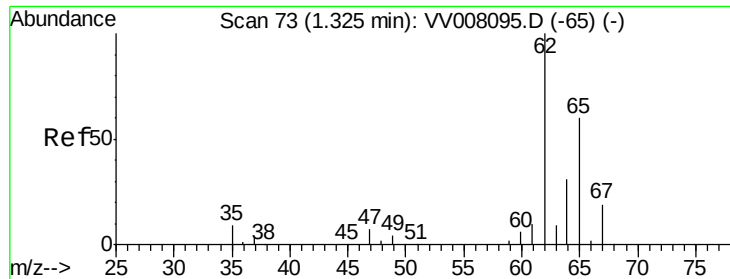
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 06 01:03:16 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.111 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008102.D

Acq: 05 Oct 2018 17:14

Instrument :

MSVOA_V

ClientSampleId :

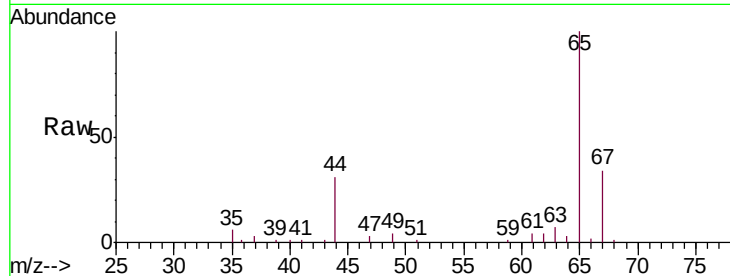
C0J75DL

Tgt Ion: 62 Resp: 742

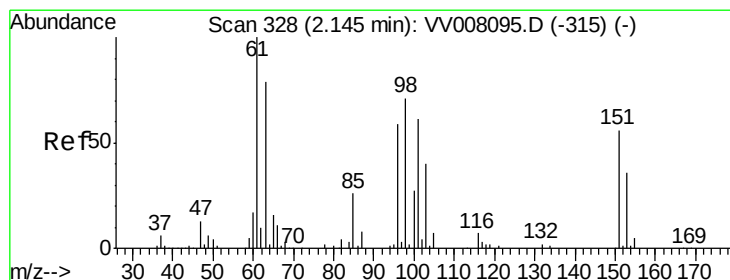
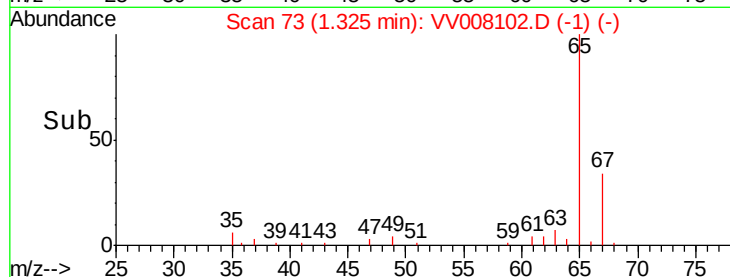
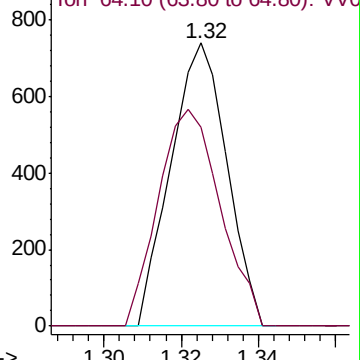
Ion Ratio Lower Upper

62 100

64 70.2 23.4 43.4#



Abundance Ion 62.00 (61.70 to 62.70): VV008102.D (-1) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.084 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV008102.D

Acq: 05 Oct 2018 17:14

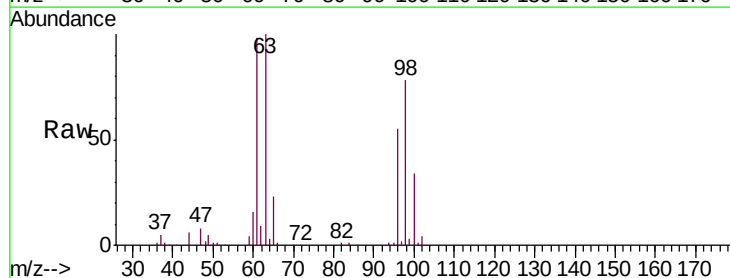
Tgt Ion: 101 Resp: 567

Ion Ratio Lower Upper

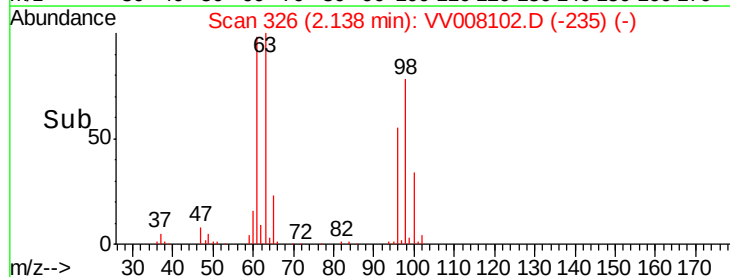
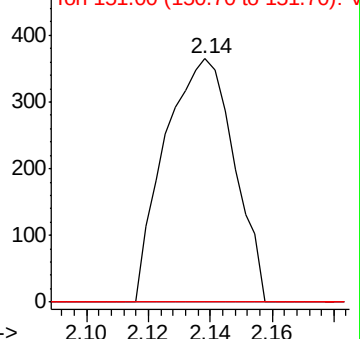
101 100

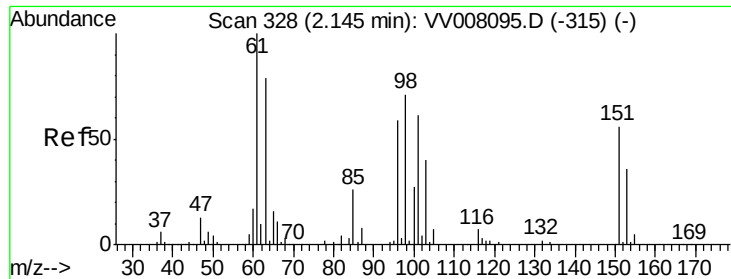
85 0.0 35.4 53.0#

151 0.0 70.7 106.1#



Abundance Ion 101.00 (100.70 to 101.70): VV008102.D (-235) (-)

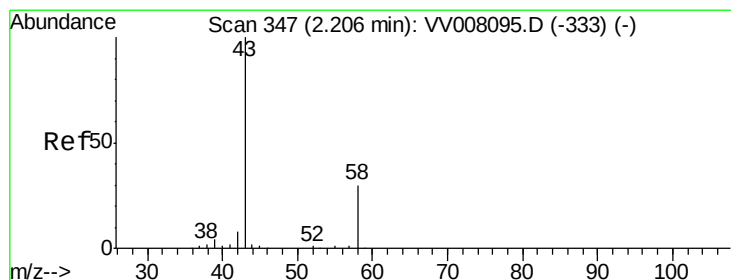
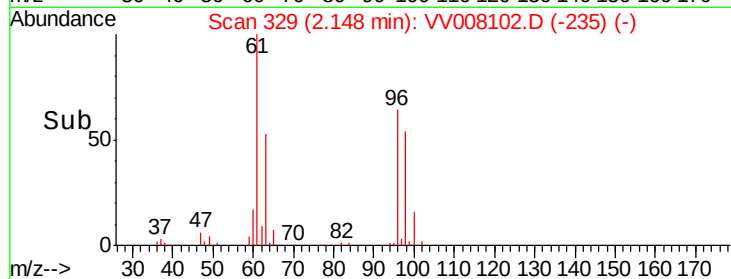
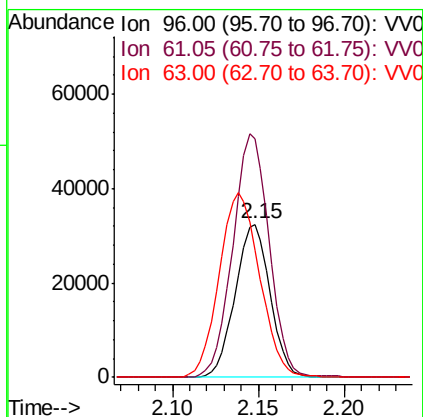
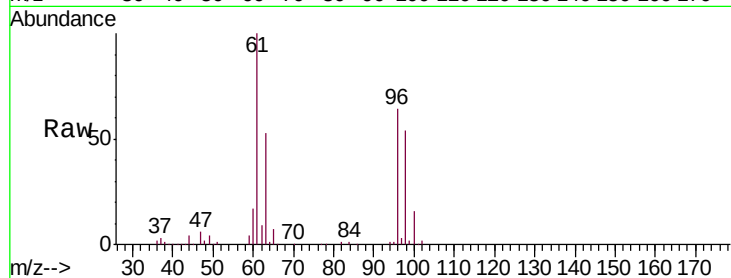




#12
 1,1-Dichloroethene
 Concen: 8.057 ug/L
 RT: 2.15 min Scan# 329
 Delta R.T. 0.00 min
 Lab File: VV008102.D
 Acq: 05 Oct 2018 17:14

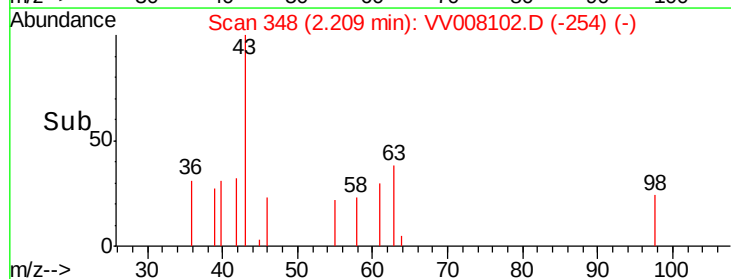
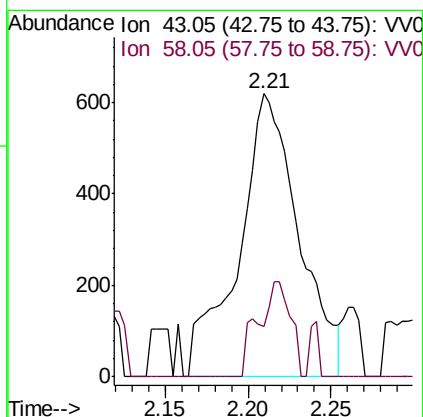
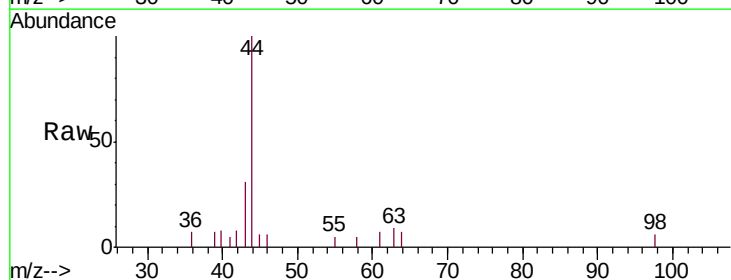
Instrument :
 MSVOA_V
 ClientSampled :
 C0J75DL

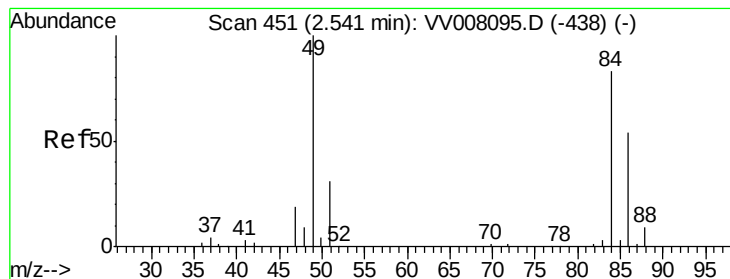
Tgt Ion: 96 Resp: 45686
 Ion Ratio Lower Upper
 96 100
 61 155.9 114.7 213.1
 63 83.1 96.9 179.9#



#13
 Acetone
 Concen: 1.492 ug/L
 RT: 2.21 min Scan# 348
 Delta R.T. 0.00 min
 Lab File: VV008102.D
 Acq: 05 Oct 2018 17:14

Tgt Ion: 43 Resp: 1563
 Ion Ratio Lower Upper
 43 100
 58 5.8 0.0 62.2





#16

Methylene chloride

Concen: 0.124 ug/L

RT: 2.54 min Scan# 451

Delta R.T. -0.00 min

Lab File: VV008102.D

Acq: 05 Oct 2018 17:14

Instrument :

MSVOA_V

ClientSampleId :

C0J75DL

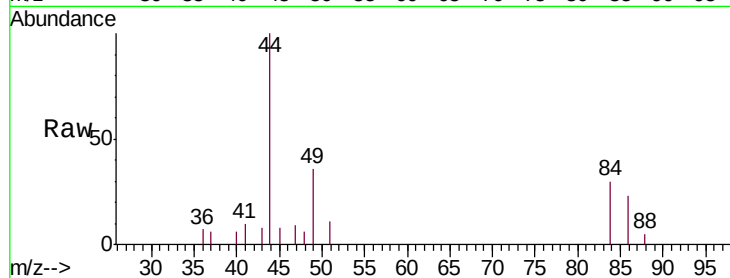
Tgt Ion: 84 Resp: 854

Ion Ratio Lower Upper

84 100

86 78.5 45.3 84.1

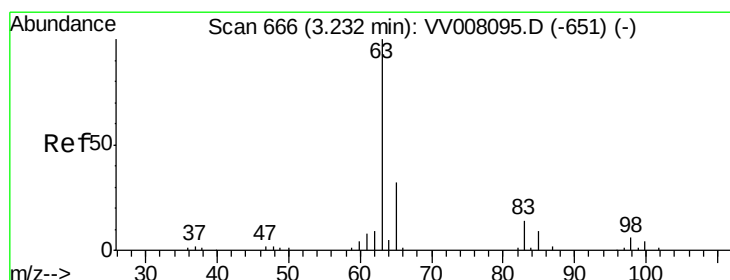
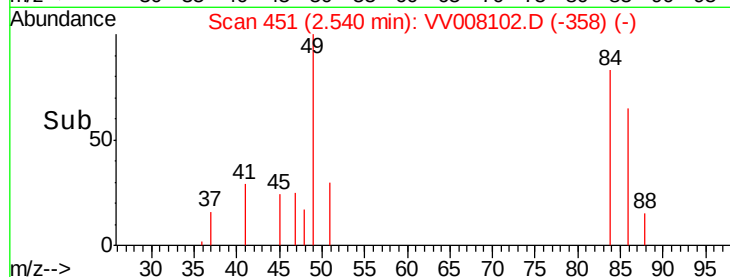
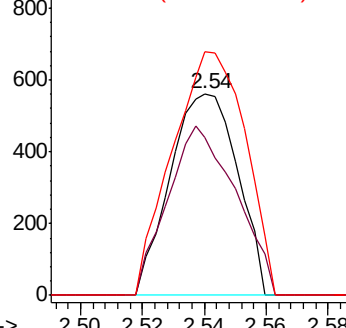
49 120.6 83.0 154.1



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



#19

1,1-Dichloroethane

Concen: 0.346 ug/L

RT: 3.23 min Scan# 666

Delta R.T. -0.00 min

Lab File: VV008102.D

Acq: 05 Oct 2018 17:14

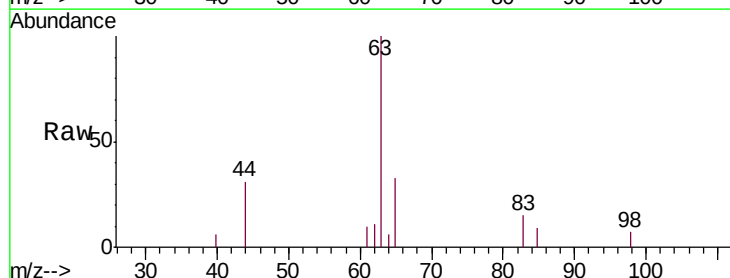
Tgt Ion: 63 Resp: 4079

Ion Ratio Lower Upper

63 100

65 32.6 22.4 41.6

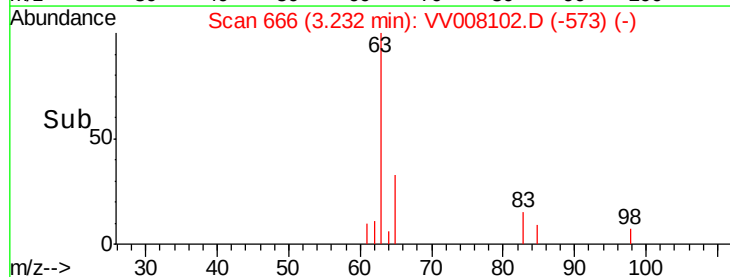
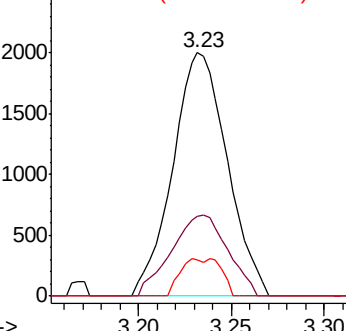
83 14.7 9.6 17.8

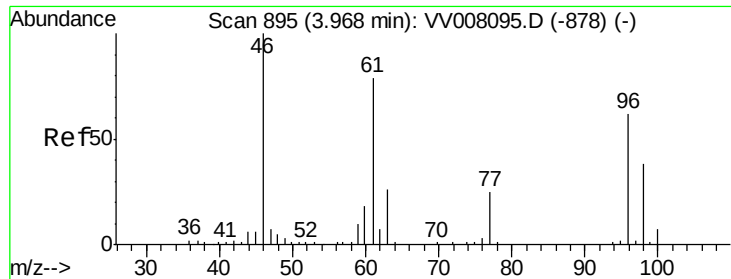


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



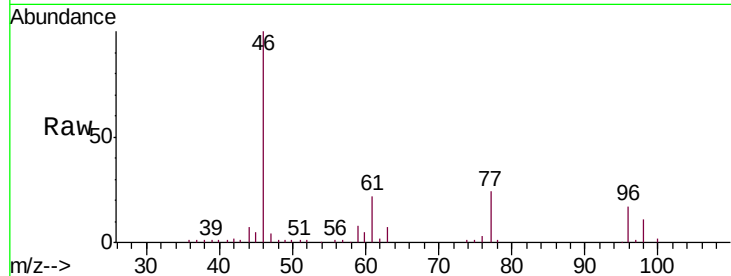


#22

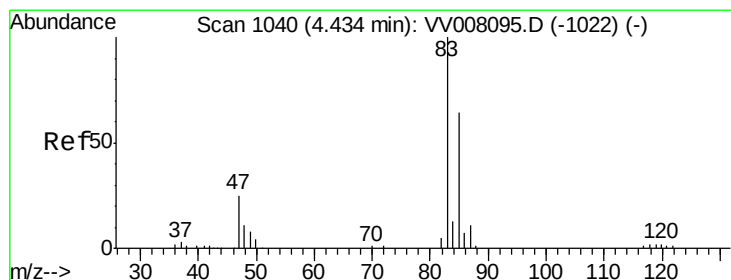
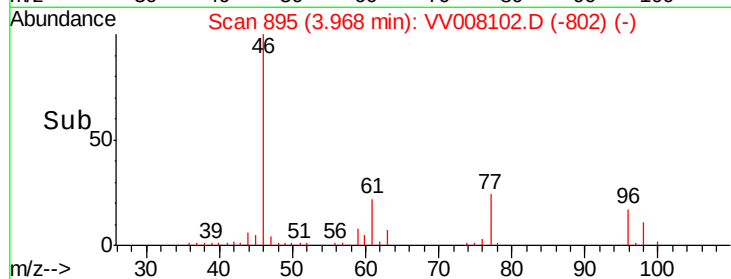
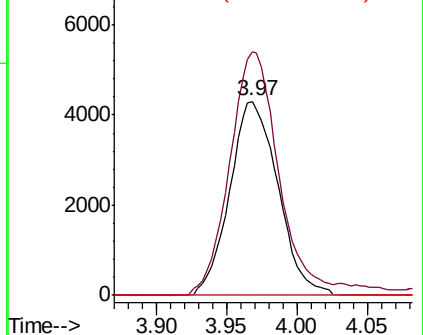
cis-1,2-Dichloroethene
 Concen: 1.474 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: VV008102.D
 Acq: 05 Oct 2018 17:14

Instrument :
 MSVOA_V
 ClientSampled :
 C0J75DL

Tgt Ion: 96 Resp: 10290
 Ion Ratio Lower Upper
 96 100
 61 125.4 85.1 158.1
 68 0.0 0.0 0.0



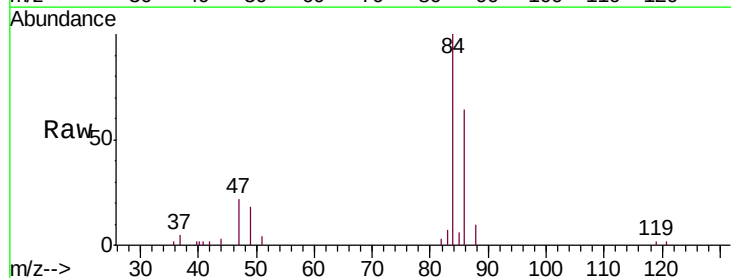
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



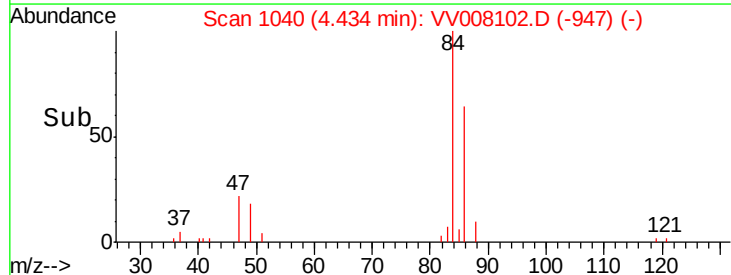
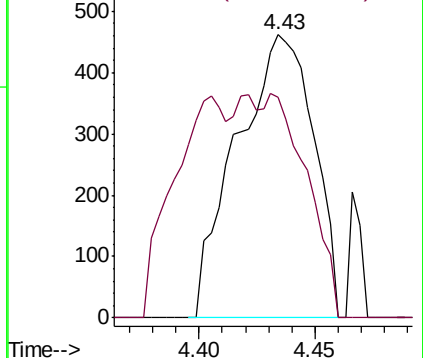
#25

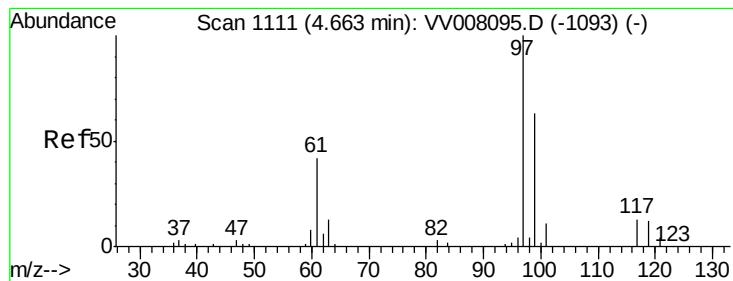
Chloroform
 Concen: 0.084 ug/L
 RT: 4.43 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VV008102.D
 Acq: 05 Oct 2018 17:14

Tgt Ion: 83 Resp: 1065
 Ion Ratio Lower Upper
 83 100
 85 77.7 44.6 82.8



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: 0.241 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VV008102.D

Acq: 05 Oct 2018 17:14

Instrument :

MSVOA_V

ClientSampleId :

C0J75DL

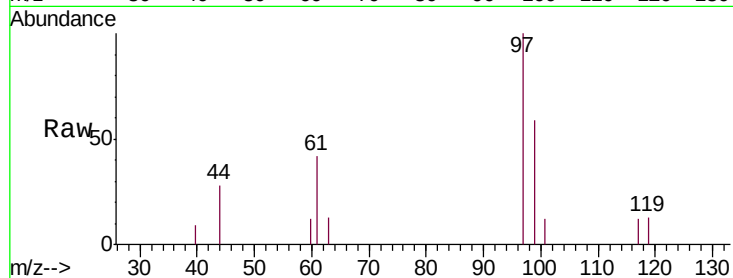
Tgt Ion: 97 Resp: 2656

Ion Ratio Lower Upper

97 100

99 63.3 51.0 76.4

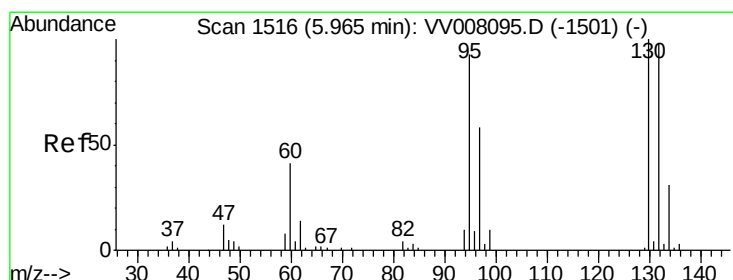
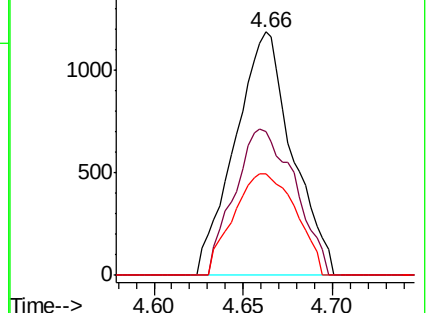
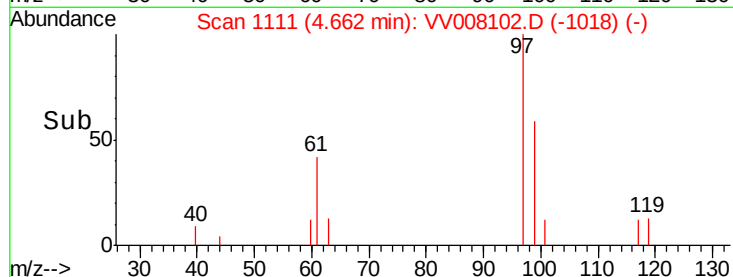
61 45.4 34.0 51.0



Abundance Ion 96.95 (96.65 to 97.65): VV008102.D (-1018) (-)

Ion 99.05 (98.75 to 99.75): VV008102.D (-1018) (-)

Ion 61.05 (60.75 to 61.75): VV008102.D (-1018) (-)



#34

Trichloroethene

Concen: 2.489 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. -0.00 min

Lab File: VV008102.D

Acq: 05 Oct 2018 17:14

Tgt Ion: 95 Resp: 18224

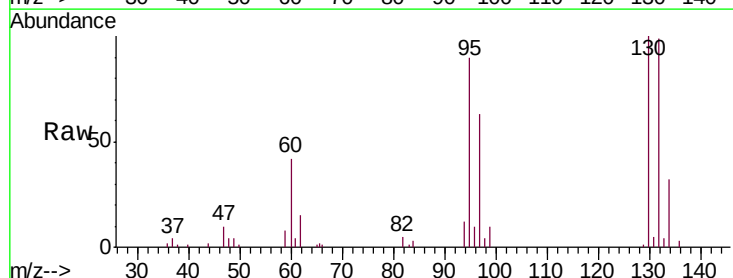
Ion Ratio Lower Upper

95 100

97 70.2 44.9 83.5

132 109.7 73.6 136.6

130 110.6 76.2 141.6

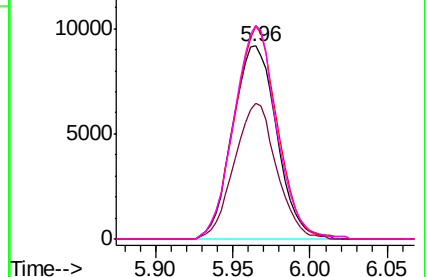
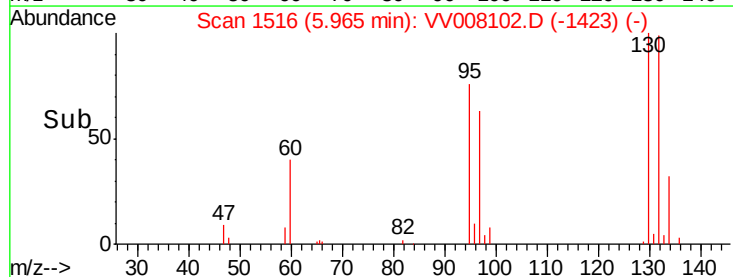


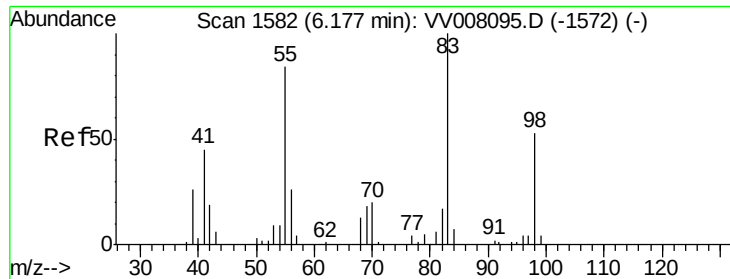
Abundance Ion 95.00 (94.70 to 95.70): VV008102.D (-1423) (-)

Ion 96.95 (96.65 to 97.65): VV008102.D (-1423) (-)

Ion 131.95 (131.65 to 132.65): VV008102.D (-1423) (-)

Ion 129.95 (129.65 to 130.65): VV008102.D (-1423) (-)

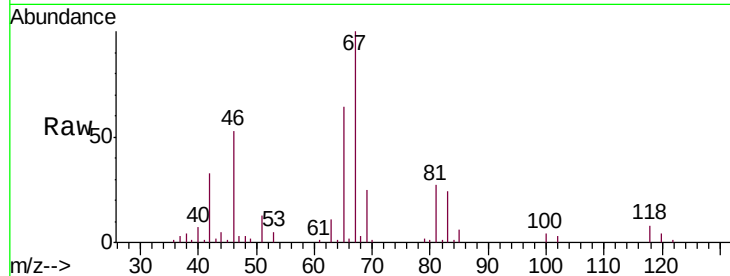




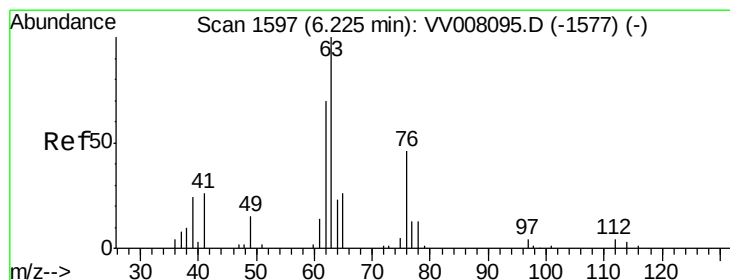
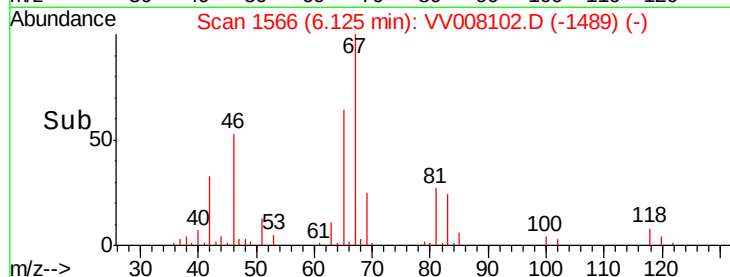
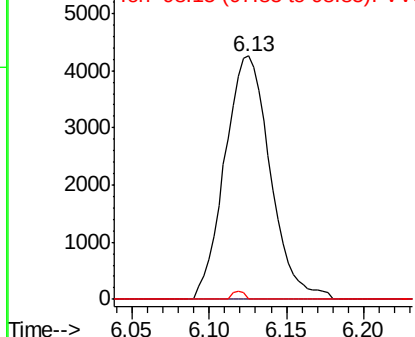
#35
Methylcyclohexane
Concen: 0.850 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008102.D
Acq: 05 Oct 2018 17:14

Instrument :
MSVOA_V
ClientSampleId :
C0J75DL

Tgt Ion: 83 Resp: 8694
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 0.9 38.3 57.5#

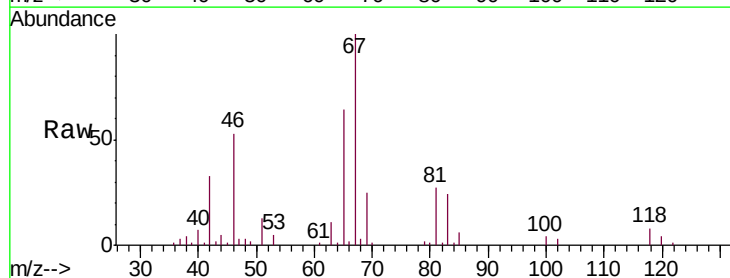


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

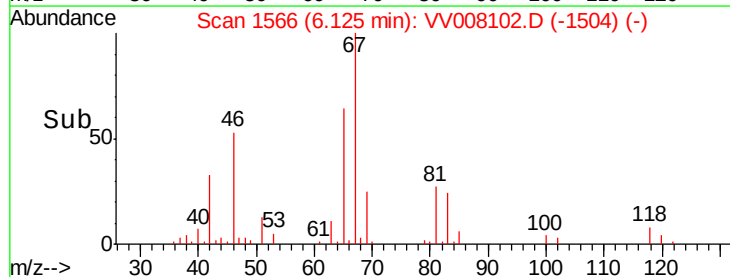
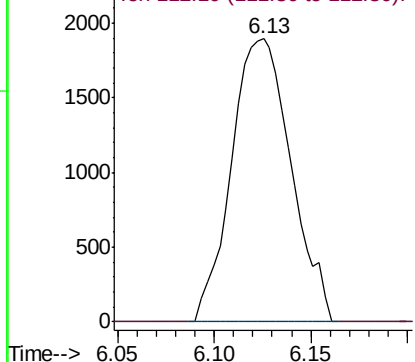


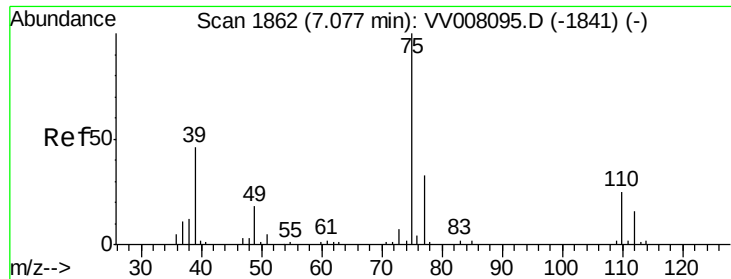
#37
1,2-Dichloropropane
Concen: 0.599 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008102.D
Acq: 05 Oct 2018 17:14

Tgt Ion: 63 Resp: 4058
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

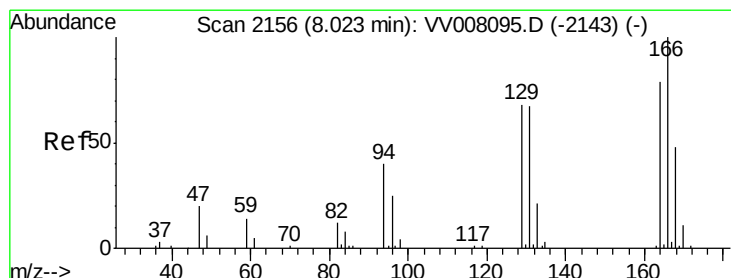
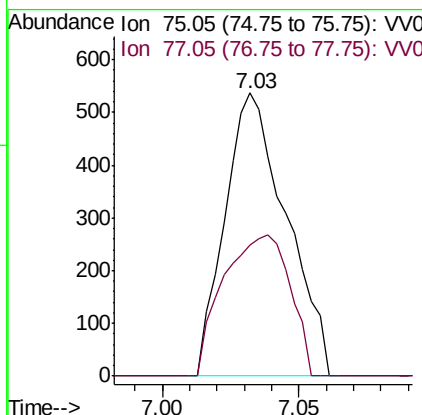
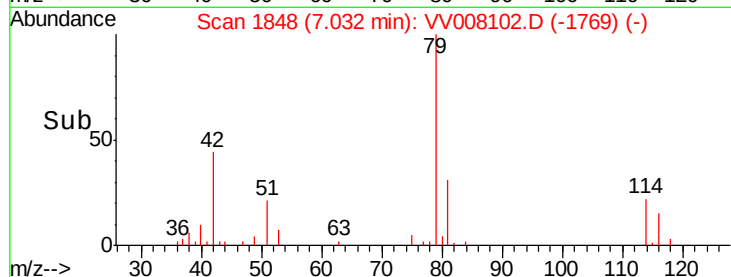
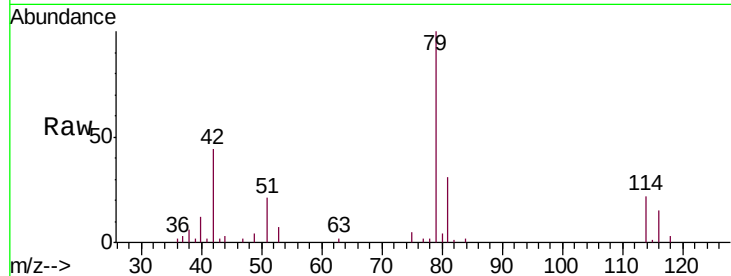




#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.05 min
 Lab File: VV008102.D
 Acq: 05 Oct 2018 17:14

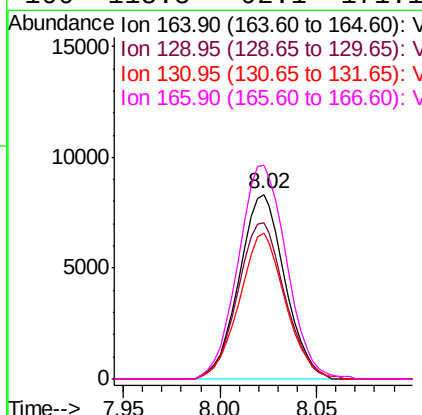
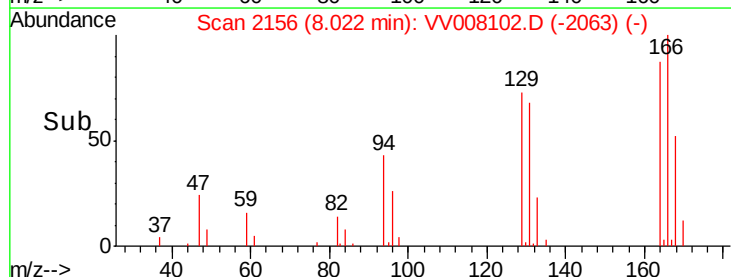
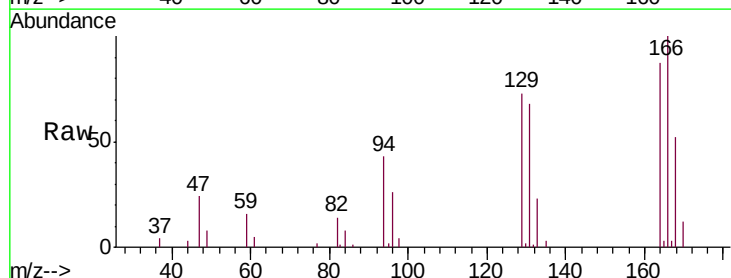
Instrument :
 MSVOA_V
 ClientSampleId :
 C0J75DL

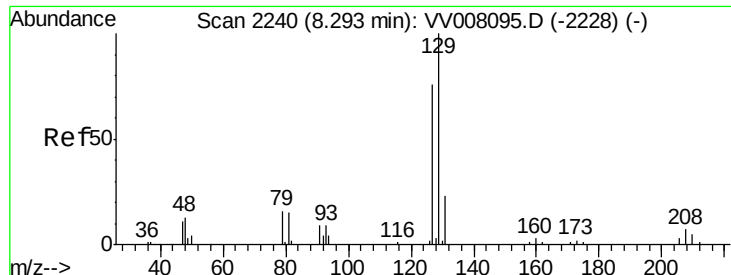
Tgt Ion: 75 Resp: 839
 Ion Ratio Lower Upper
 75 100
 77 46.4 22.1 41.1#



#47
 Tetrachloroethene
 Concen: 2.100 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: VV008102.D
 Acq: 05 Oct 2018 17:14

Tgt Ion: 164 Resp: 13731
 Ion Ratio Lower Upper
 164 100
 129 84.8 62.2 115.4
 131 79.0 60.5 112.5
 166 115.5 92.1 171.1





#49

Dibromochloromethane

Concen: 1.942 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV008102.D

Acq: 05 Oct 2018 17:14

Instrument :

MSVOA_V

ClientSampleId :

C0J75DL

Tgt Ion:129 Resp: 11503

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.3#

