

Data File : VV008252.D
Acq On : 11 Oct 2018 00:39
Operator : SY/MD
Sample : J5315-16 50X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JA7

Quant Time: Oct 11 02:05:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88168	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	87979	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36747	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18257	3.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.40%
7) Chloroethane-d5	1.58	69	17020	3.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.60%
11) 1,1-Dichloroethene-d2	2.13	63	29958	2.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.60%#
20) 2-Butanone-d5	3.99	46	89037	68.38	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.76%#
24) Chloroform-d	4.41	84	50608	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.09	65	26783	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.10	84	91497	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
36) 1,2-Dichloropropane-d6	6.13	67	33141	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.36	98	78976	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.20%
43) trans-1,3-Dichloropropene-	7.67	79	10412	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.14	63	53004	53.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.16%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23512	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	33099	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

					Qvalue
5) Vinyl chloride	1.32	62	43898	7.825	ug/L 99
8) Chloroethane	1.32	64	13202	3.522	ug/L # 45
12) 1,1-Dichloroethene	2.14	96	4611	0.965	ug/L # 1
13) Acetone	2.24	43	1331	1.509	ug/L 82
16) Methylene chloride	2.54	84	19256	3.323	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	3993	0.766	ug/L 97
19) 1,1-Dichloroethane	3.23	63	2564	0.258	ug/L 94
22) cis-1,2-Dichloroethene	3.96	96	1128013	191.836	ug/L 99
25) Chloroform	4.44	83	4475	0.419	ug/L 98
34) Trichloroethene	5.98	95	14804960	2285.343	ug/L 96
35) Methylcyclohexane	6.13	83	8256	0.912	ug/L # 22
37) 1,2-Dichloropropane	6.13	63	3427	0.572	ug/L # 91
39) cis-1,3-Dichloropropene	7.04	75	874	0.114	ug/L # 57
45) 1,1,2-Trichloroethane	7.89	97	2124	0.506	ug/L # 84
47) Tetrachloroethene	8.02	164	3939	0.681	ug/L 86
48) 2-Hexanone	8.19	43	6220	2.699	ug/L # 90
49) Dibromochloromethane	8.02	129	3243	0.619	ug/L # 10

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101018\
Quantitation Report (Not Reviewed)

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Operator : SY/MD
Sample : J5315-16 50X
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Instrument :
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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration

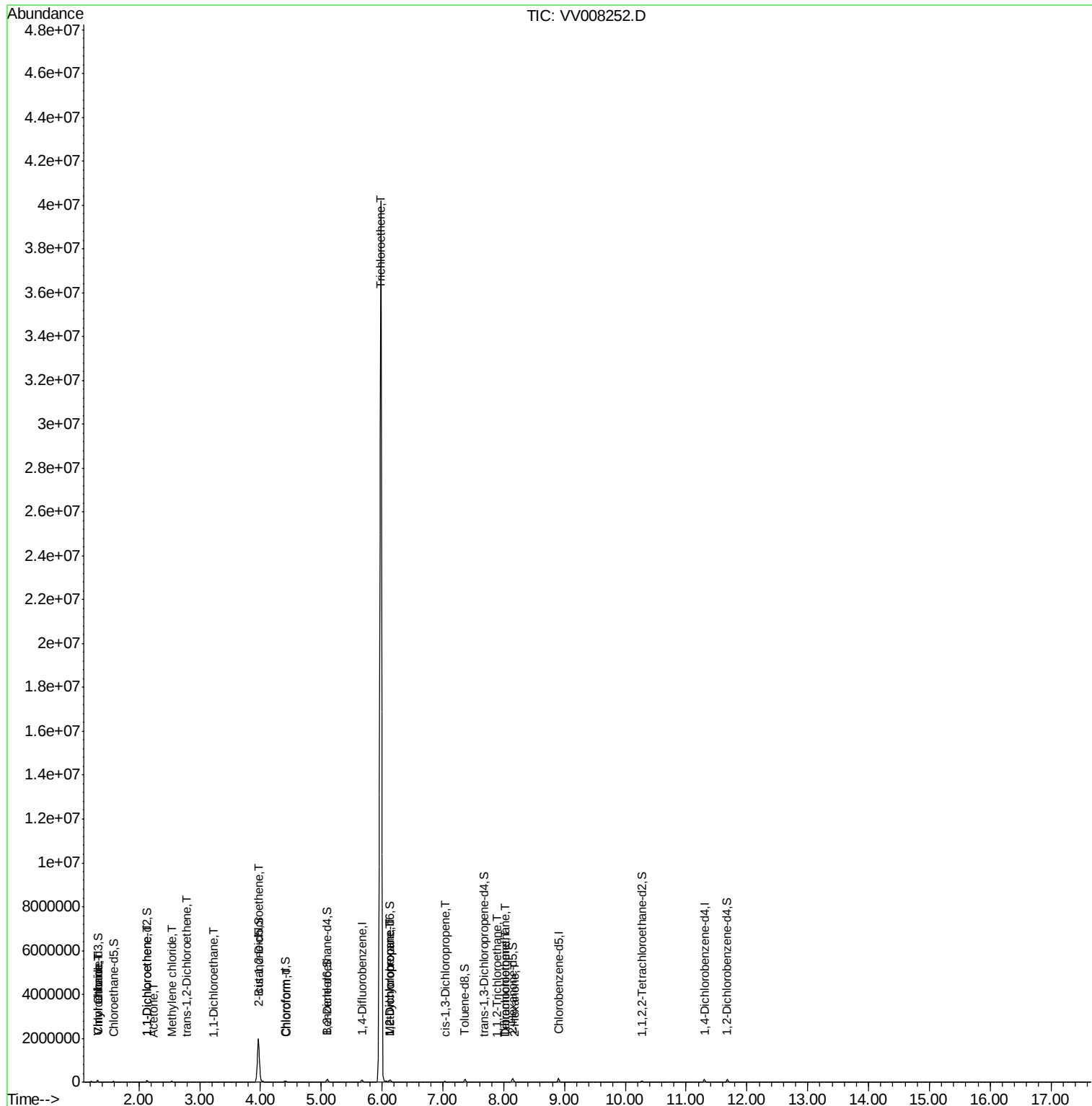
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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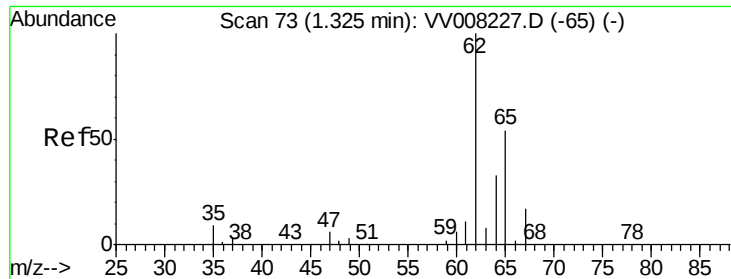
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.825 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV008252.D

Acq: 11 Oct 2018 00:39

Instrument :

MSVOA_V

ClientSampleId :

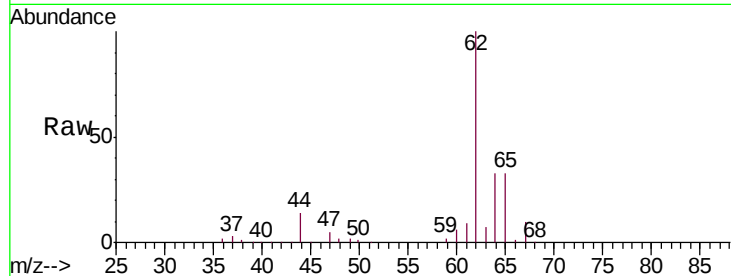
C0JA7

Tgt Ion: 62 Resp: 43898

Ion Ratio Lower Upper

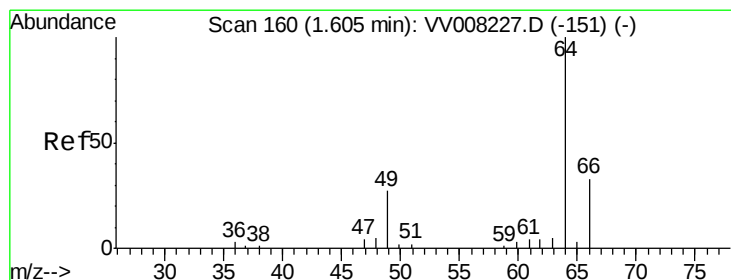
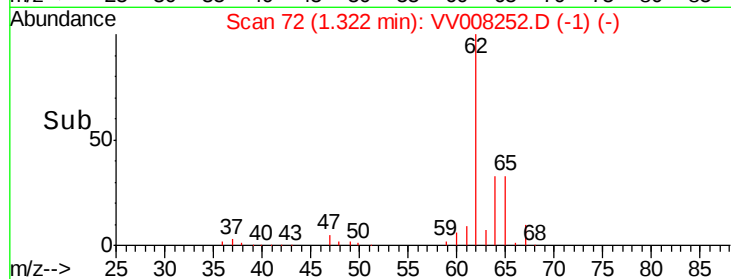
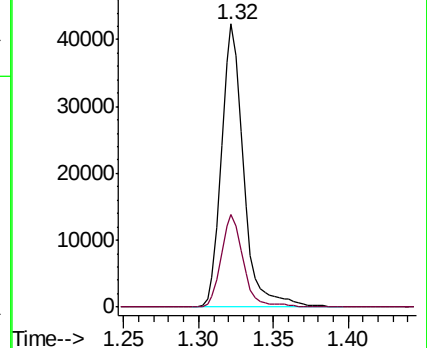
62 100

64 32.9 23.4 43.4



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#8

Chloroethane

Concen: 3.522 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV008252.D

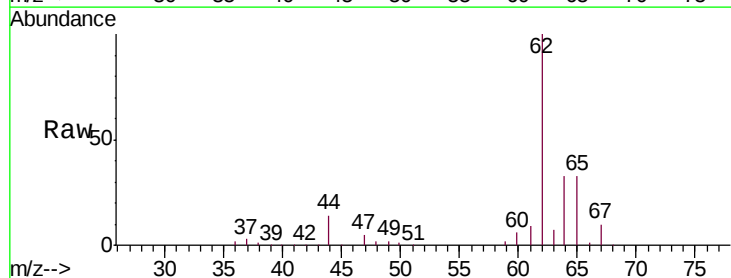
Acq: 11 Oct 2018 00:39

Tgt Ion: 64 Resp: 13202

Ion Ratio Lower Upper

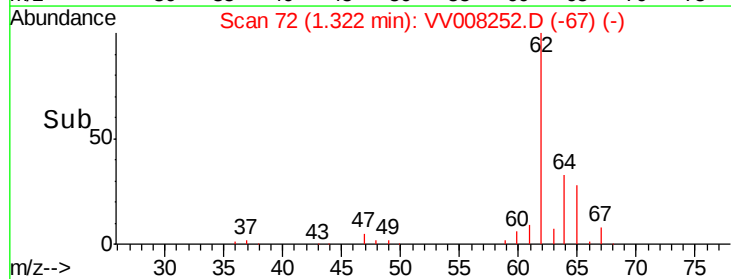
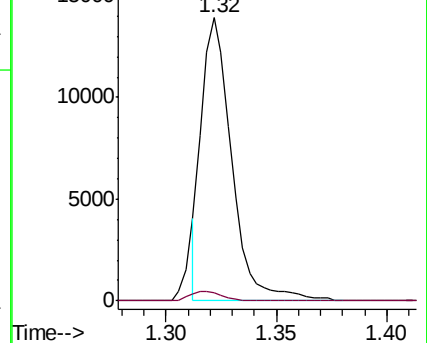
64 100

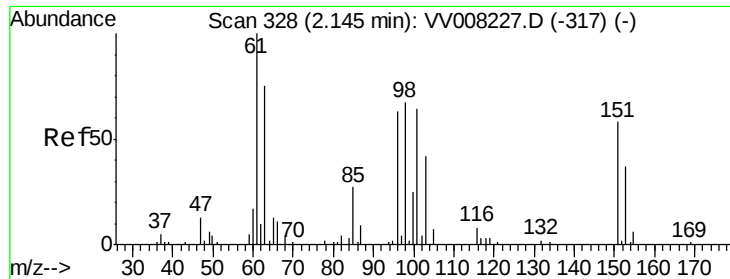
66 2.7 24.1 44.8#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

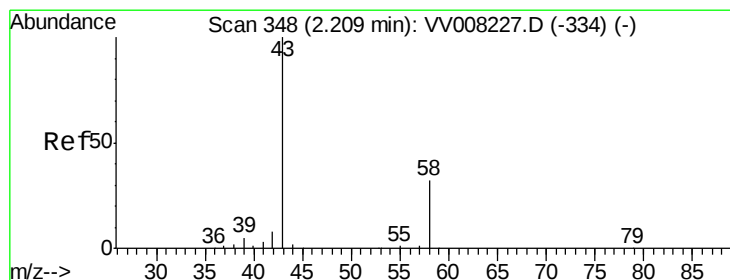
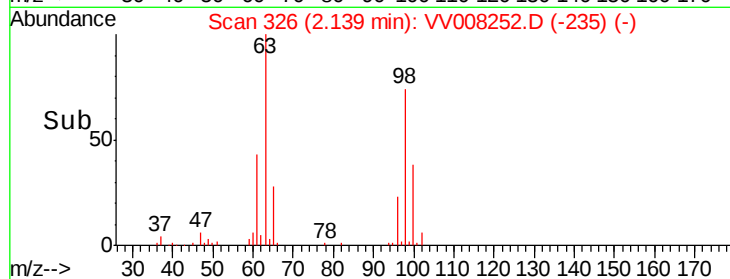
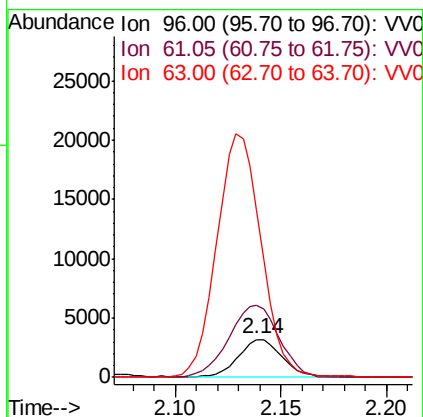
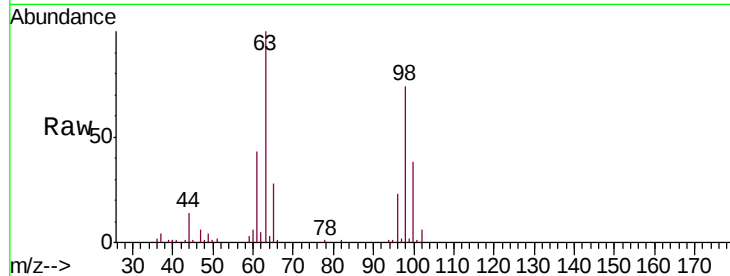




#12
 1,1-Dichloroethene
 Concen: 0.965 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. -0.01 min
 Lab File: VV008252.D
 Acq: 11 Oct 2018 00:39

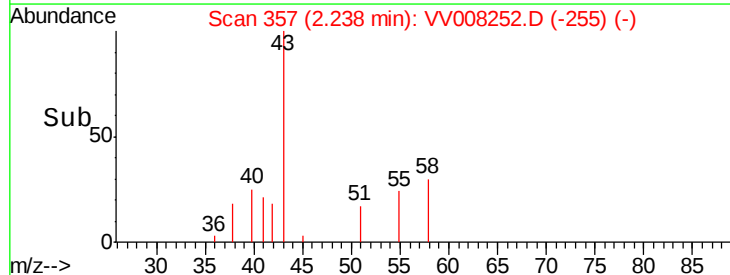
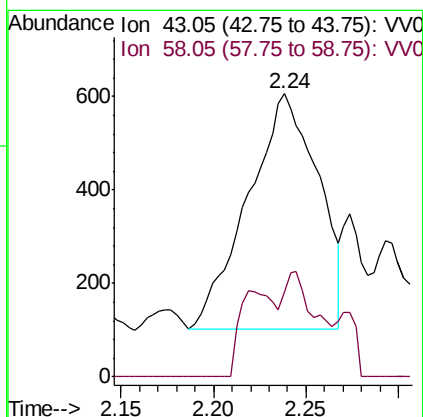
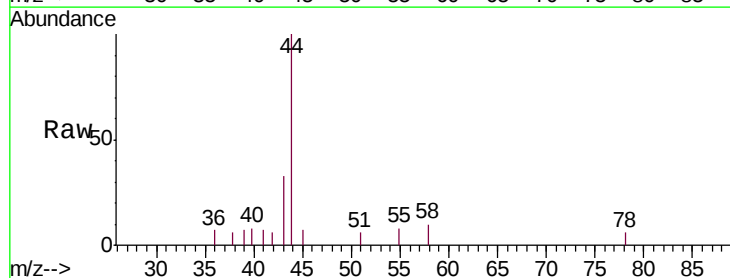
Instrument :
 MSVOA_V
 ClientSampled :
 C0JA7

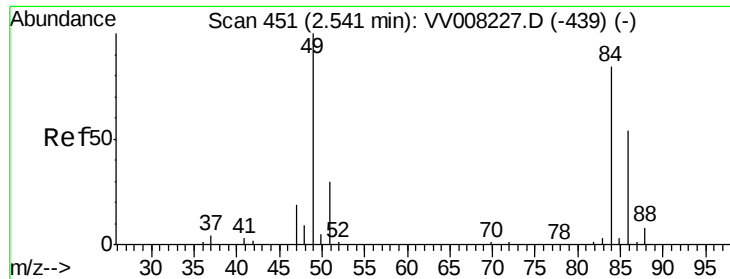
Tgt Ion: 96 Resp: 4611
 Ion Ratio Lower Upper
 96 100
 61 191.4 114.7 213.1
 63 443.8 96.9 179.9#



#13
 Acetone
 Concen: 1.509 ug/L
 RT: 2.24 min Scan# 357
 Delta R.T. 0.03 min
 Lab File: VV008252.D
 Acq: 11 Oct 2018 00:39

Tgt Ion: 43 Resp: 1331
 Ion Ratio Lower Upper
 43 100
 58 21.0 0.0 62.2

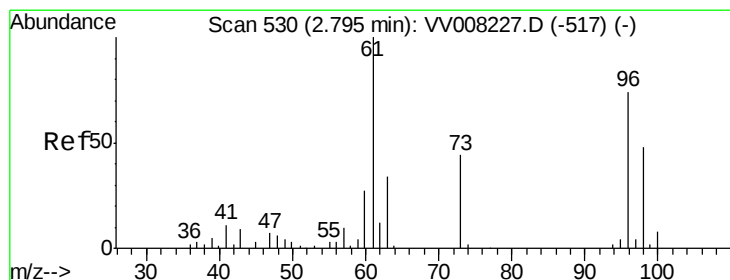
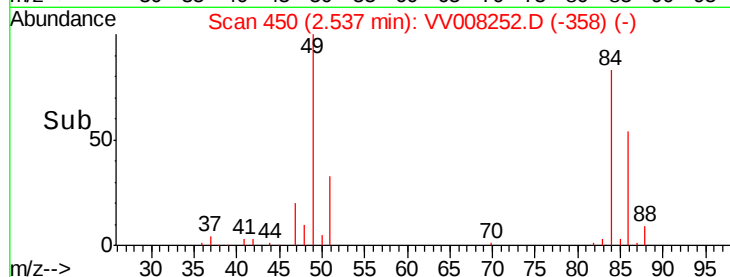
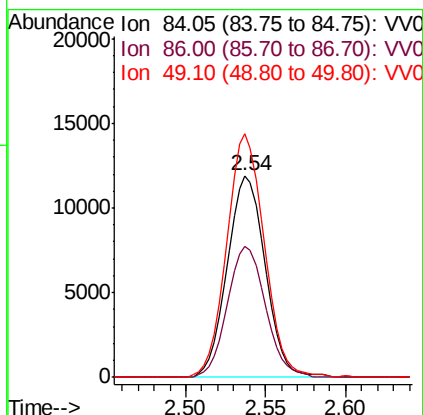
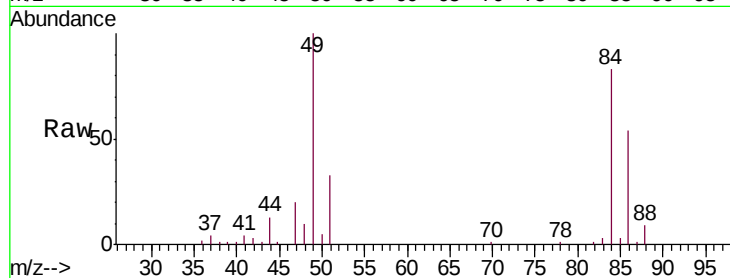




#16
Methylene chloride
Concen: 3.323 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008252.D
Acq: 11 Oct 2018 00:39

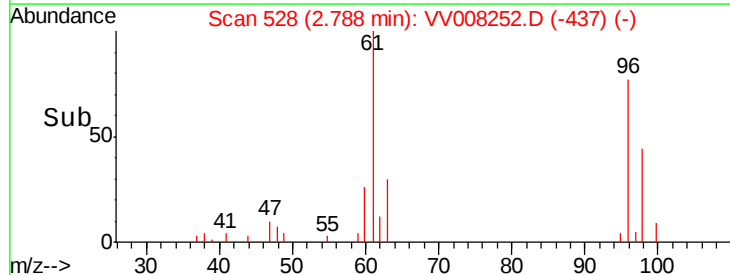
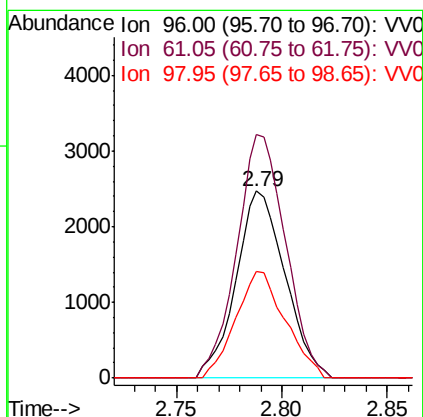
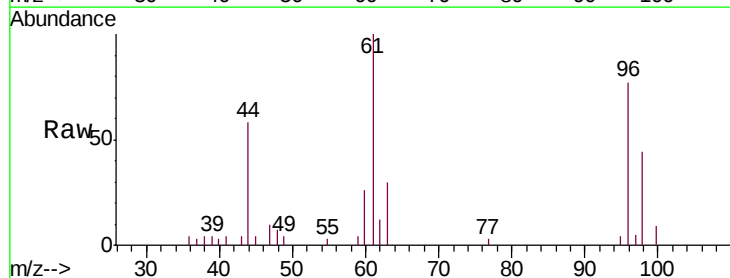
Instrument :
MSVOA_V
ClientSampleId :
C0JA7

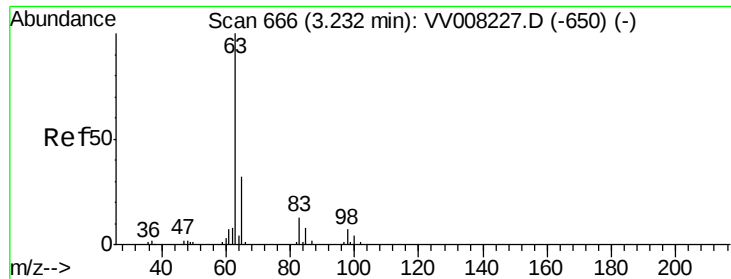
Tgt Ion: 84 Resp: 19256
Ion Ratio Lower Upper
84 100
86 64.9 45.3 84.1
49 120.6 83.0 154.1



#18
trans-1,2-Dichloroethene
Concen: 0.766 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.01 min
Lab File: VV008252.D
Acq: 11 Oct 2018 00:39

Tgt Ion: 96 Resp: 3993
Ion Ratio Lower Upper
96 100
61 130.0 91.6 170.2
98 56.9 44.4 82.5

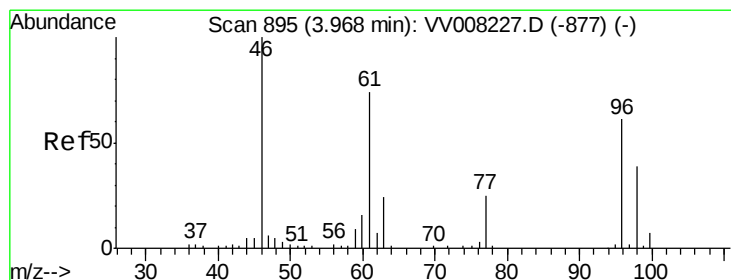
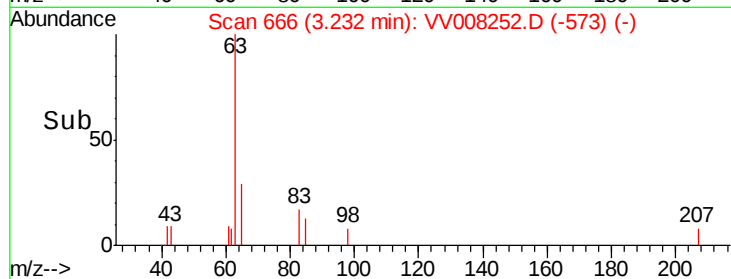
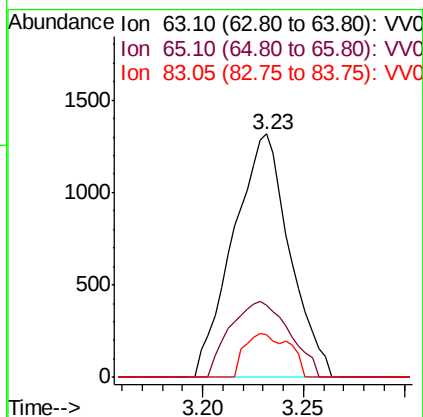
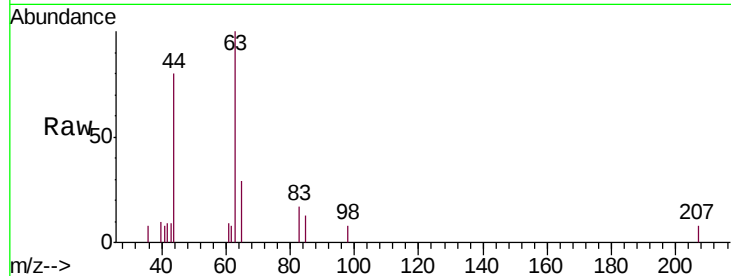




#19
 1,1-Dichloroethane
 Concen: 0.258 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VV008252.D
 Acq: 11 Oct 2018 00:39

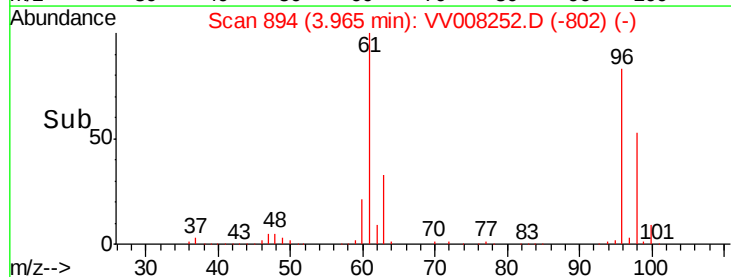
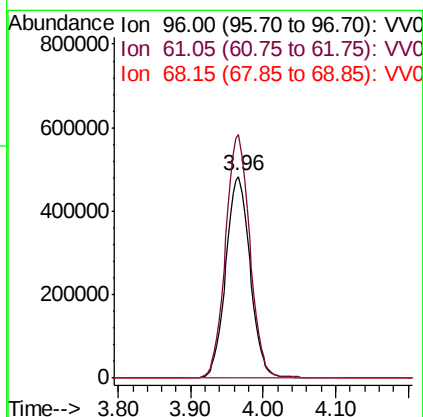
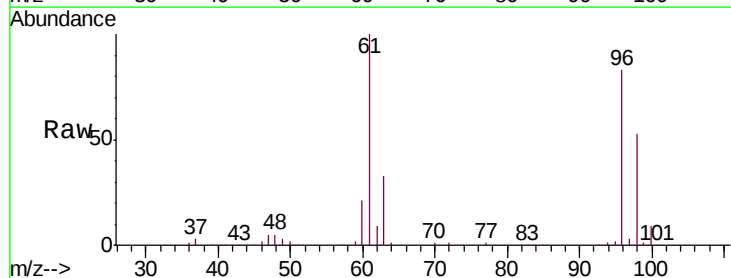
Instrument :
 MSVOA_V
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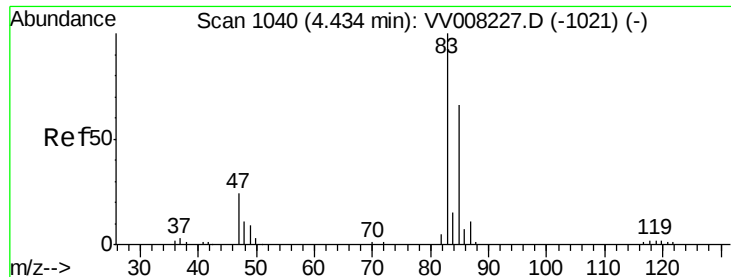
Tgt Ion: 63 Resp: 2564
 Ion Ratio Lower Upper
 63 100
 65 29.5 22.4 41.6
 83 17.3 9.6 17.8



#22
 cis-1,2-Dichloroethene
 Concen: 191.836 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: VV008252.D
 Acq: 11 Oct 2018 00:39

Tgt Ion: 96 Resp: 1128013
 Ion Ratio Lower Upper
 96 100
 61 120.9 85.1 158.1
 68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.419 ug/L

RT: 4.44 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VV008252.D

Acq: 11 Oct 2018 00:39

Instrument :

MSVOA_V

ClientSampleId :

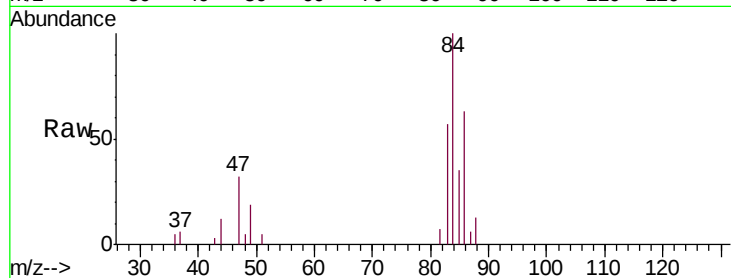
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Tgt Ion: 83 Resp: 4475

Ion Ratio Lower Upper

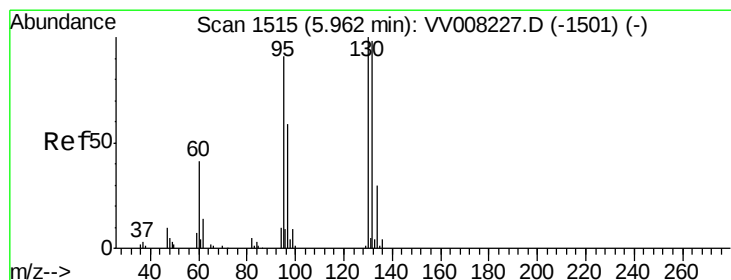
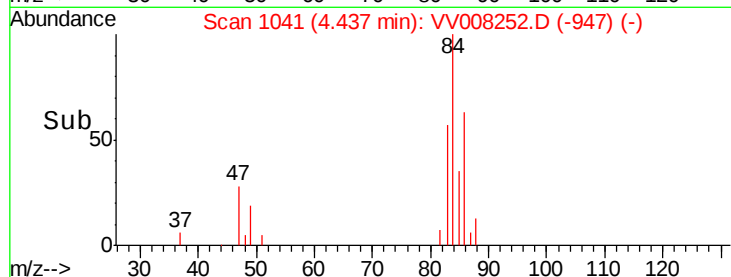
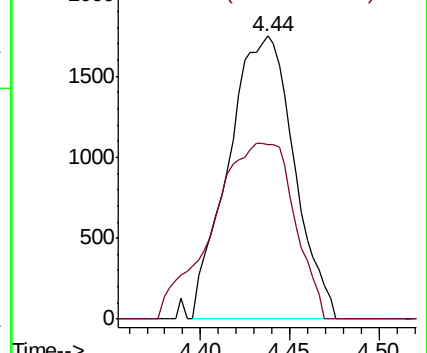
83 100

85 61.9 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VV008227.D (-1021) (-)

Ion 85.00 (84.70 to 85.70): VV008227.D (-1021) (-)



#34

Trichloroethene

Concen: 2285.343 ug/L

RT: 5.98 min Scan# 1521

Delta R.T. 0.02 min

Lab File: VV008252.D

Acq: 11 Oct 2018 00:39

Tgt Ion: 95 Resp: 14804960

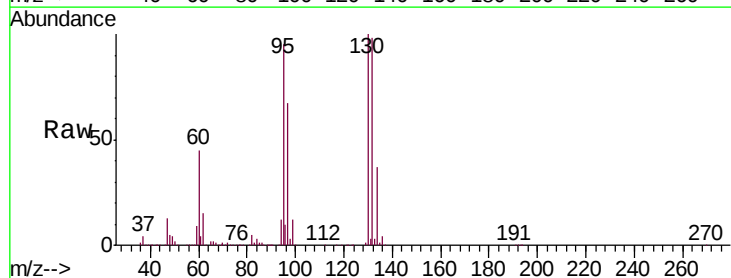
Ion Ratio Lower Upper

95 100

97 71.1 44.9 83.5

132 103.8 73.6 136.6

130 105.7 76.2 141.6

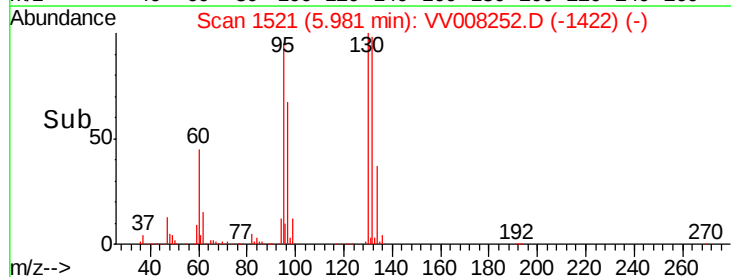
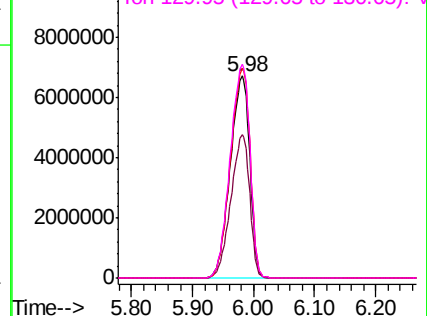


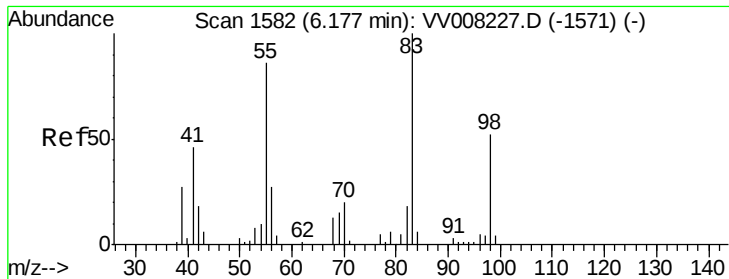
Abundance Ion 95.00 (94.70 to 95.70): VV008227.D (-1501) (-)

Ion 96.95 (96.65 to 97.65): VV008227.D (-1501) (-)

Ion 131.95 (131.65 to 132.65): VV008227.D (-1501) (-)

Ion 129.95 (129.65 to 130.65): VV008227.D (-1501) (-)

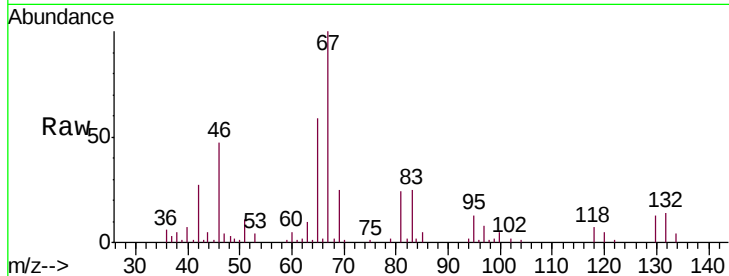




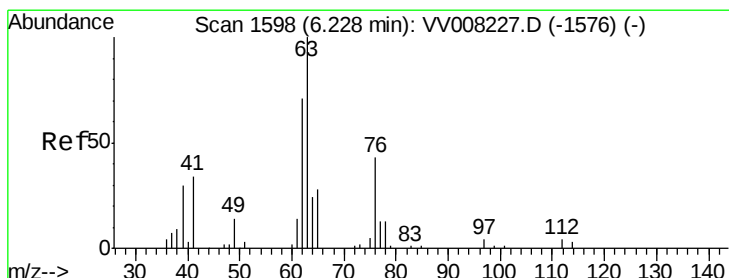
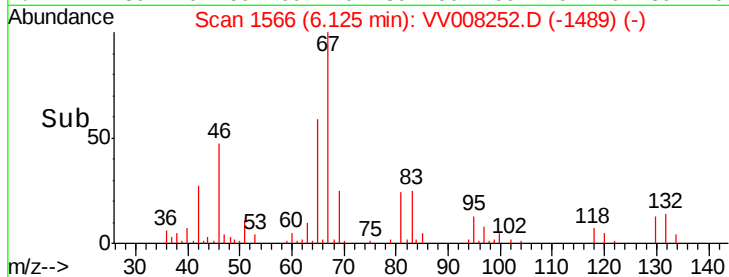
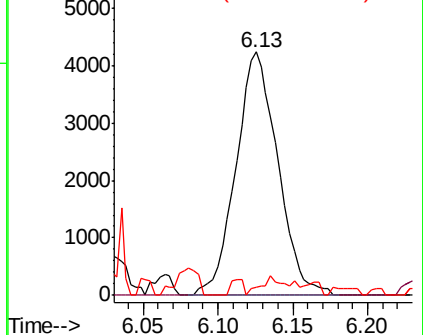
#35
Methylcyclohexane
Concen: 0.912 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008252.D
Acq: 11 Oct 2018 00:39

Instrument :
MSVOA_V
ClientSampled :
C0JA7

Tgt Ion: 83 Resp: 8256
Ion Ratio Lower Upper
83 100
55 7.4 63.6 95.4#
98 0.0 38.3 57.5#

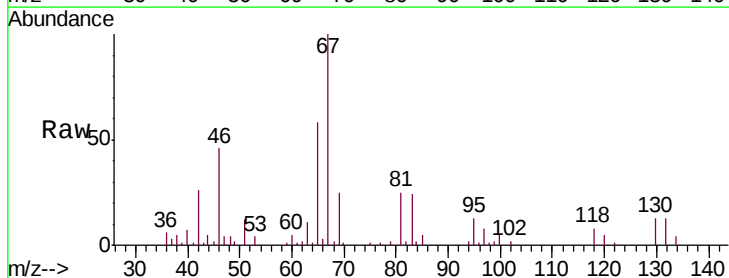


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

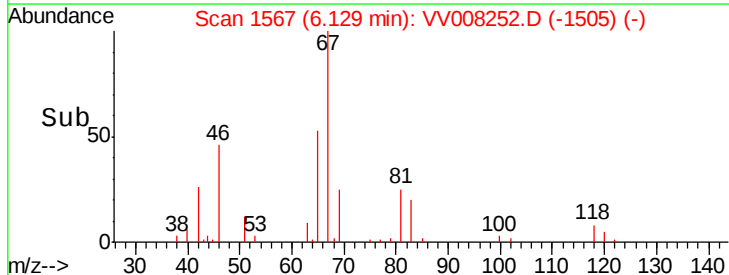
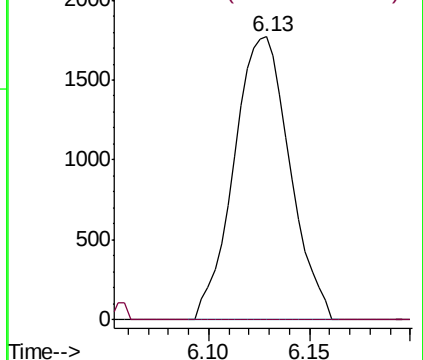


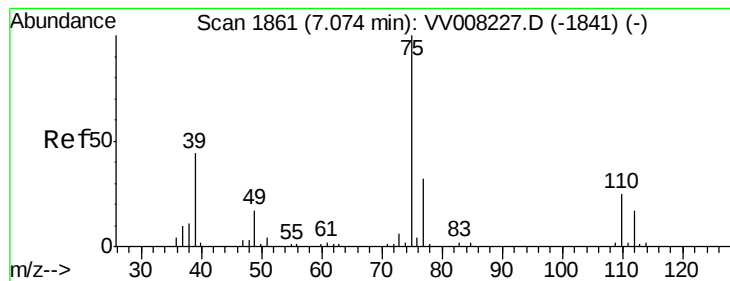
#37
1,2-Dichloropropane
Concen: 0.572 ug/L
RT: 6.13 min Scan# 1567
Delta R.T. -0.10 min
Lab File: VV008252.D
Acq: 11 Oct 2018 00:39

Tgt Ion: 63 Resp: 3427
Ion Ratio Lower Upper
63 100
112 1.2 3.4 5.2#



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



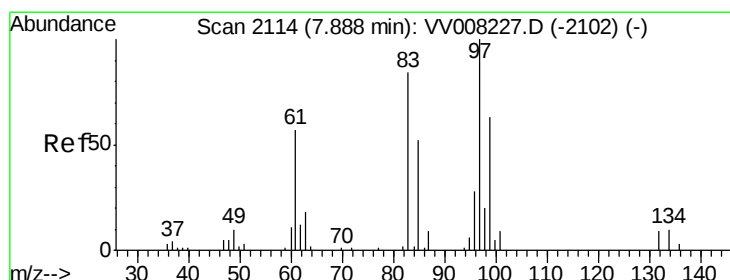
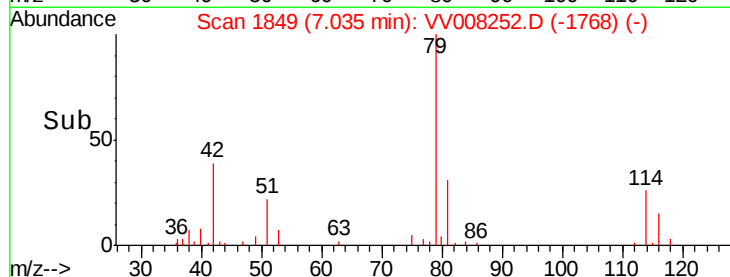
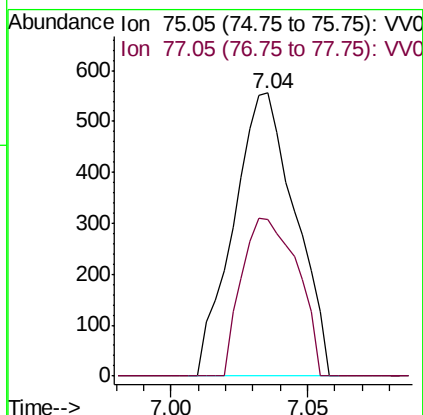
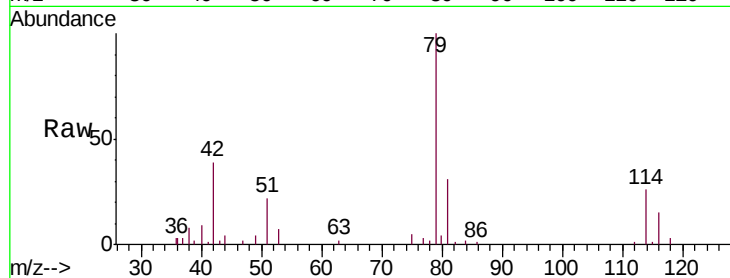


#39

cis-1,3-Dichloropropene
Concen: 0.114 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV008252.D
Acq: 11 Oct 2018 00:39

Instrument :
MSVOA_V
ClientSampleId :
C0JA7

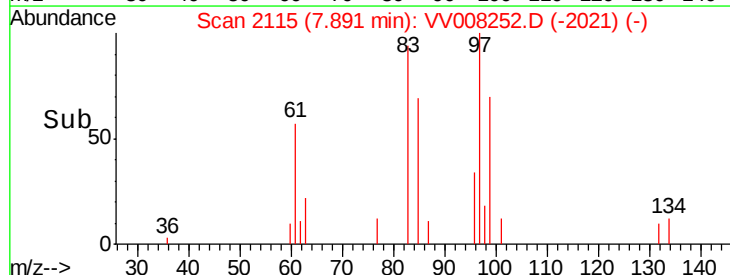
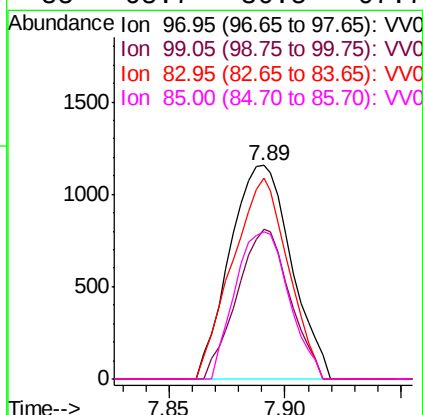
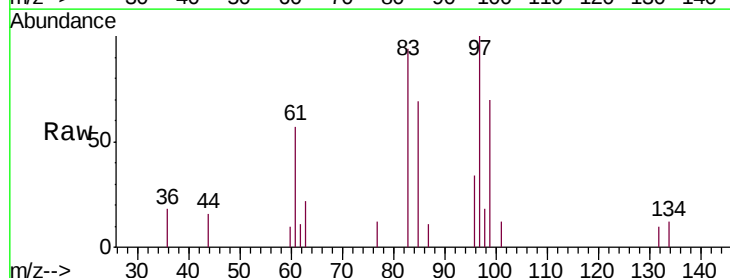
Tgt Ion: 75 Resp: 874
Ion Ratio Lower Upper
75 100
77 55.4 22.1 41.1#

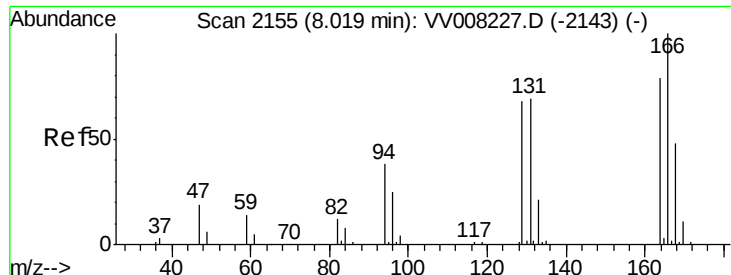


#45

1,1,2-Trichloroethane
Concen: 0.506 ug/L
RT: 7.89 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VV008252.D
Acq: 11 Oct 2018 00:39

Tgt Ion: 97 Resp: 2124
Ion Ratio Lower Upper
97 100
99 70.2 42.6 79.0
83 94.2 57.5 106.7
85 68.7 36.5 67.7#

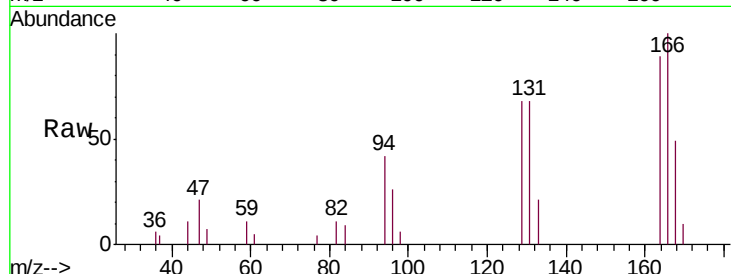




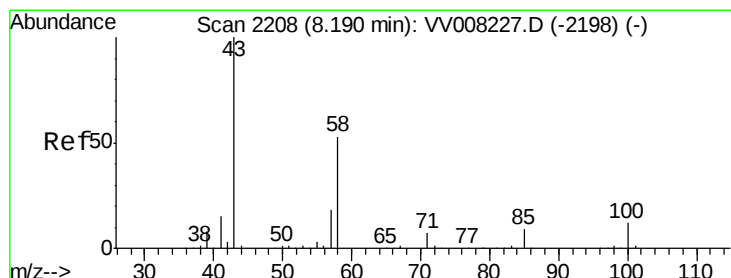
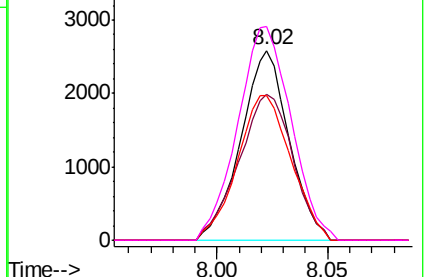
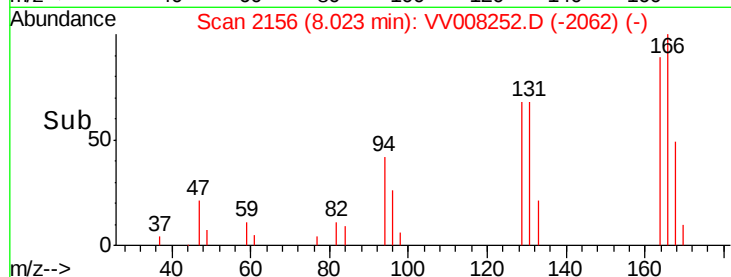
#47
Tetrachloroethene
Concen: 0.681 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV008252.D
Acq: 11 Oct 2018 00:39

Instrument :
MSVOA_V
ClientSampleId :
C0JA7

Tgt Ion:164 Resp: 3939
Ion Ratio Lower Upper
164 100
129 76.9 62.2 115.4
131 76.3 60.5 112.5
166 112.4 92.1 171.1

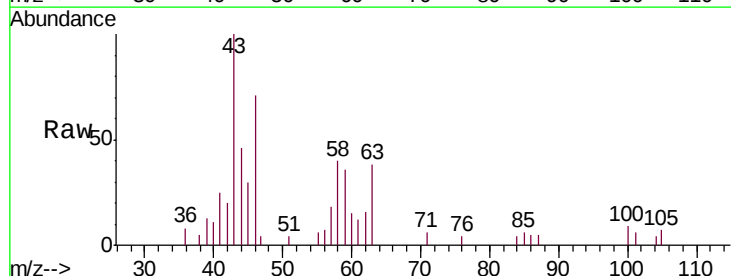


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

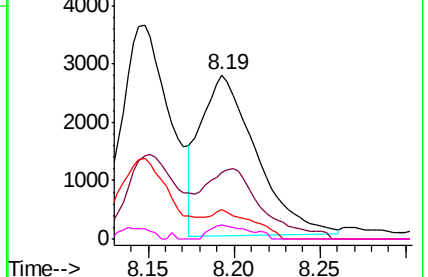
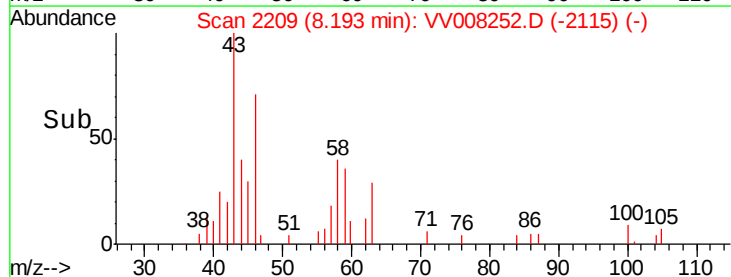


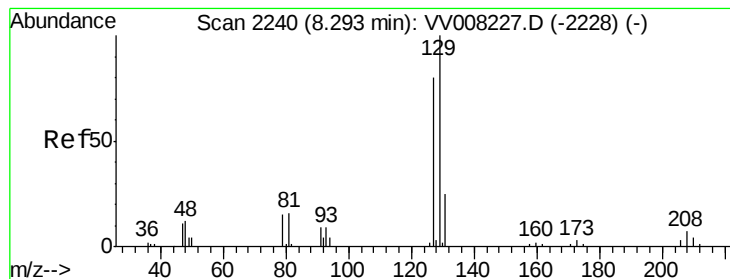
#48
2-Hexanone
Concen: 2.699 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV008252.D
Acq: 11 Oct 2018 00:39

Tgt Ion: 43 Resp: 6220
Ion Ratio Lower Upper
43 100
58 44.0 40.5 60.7
57 13.4 14.6 22.0#
100 6.3 9.3 13.9#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 0.619 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV008252.D

Acq: 11 Oct 2018 00:39

Instrument :

MSVOA_V

ClientSampleId :

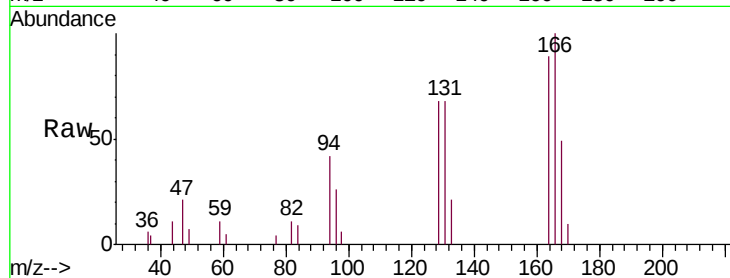
C0JA7

Tgt Ion:129 Resp: 3243

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.3#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

