

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008791.D
 Acq On : 30 Nov 2018 03:12
 Operator : SY/MD
 Sample : J6136-04
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YALR1

Quant Time: Nov 30 06:28:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 30 06:23:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	141445	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	130277	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58132	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43718	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.59	69	31951	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.14	63	62896	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	3.96	46	108176	49.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.72%
24) Chloroform-d	4.41	84	91596	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.09	65	45911	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.10	84	194677	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	57926	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.36	98	171967	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.67	79	17146	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.14	63	79849	47.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35075	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	59844	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	33805	2.701 ug/L	98
9) Trichlorofluoromethane	1.78	101	11971	0.860 ug/L	96
12) 1,1-Dichloroethene	2.14	96	987	0.142 ug/L #	1
13) Acetone	2.21	43	11738	10.746 ug/L	94
15) Methyl Acetate	2.39	43	361	0.123 ug/L #	50
19) 1,1-Dichloroethane	3.23	63	6913	0.407 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	6435	0.599 ug/L	97
25) Chloroform	4.44	83	5609	0.304 ug/L	83
34) Trichloroethene	5.96	95	26423	2.433 ug/L	97
35) Methylcyclohexane	6.12	83	13734	0.797 ug/L #	19
39) cis-1,3-Dichloropropene	7.03	75	1363	0.107 ug/L #	65
44) trans-1,3-Dichloropropene	7.67	75	805	0.080 ug/L #	76
45) 1,1,2-Trichloroethane	8.01	97	966	0.150 ug/L #	1
47) Tetrachloroethene	8.02	164	99822	11.883 ug/L	98
49) Dibromochloromethane	8.02	129	93811	13.373 ug/L #	10

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 30 06:23:09 2018
Response via : Initial Calibration

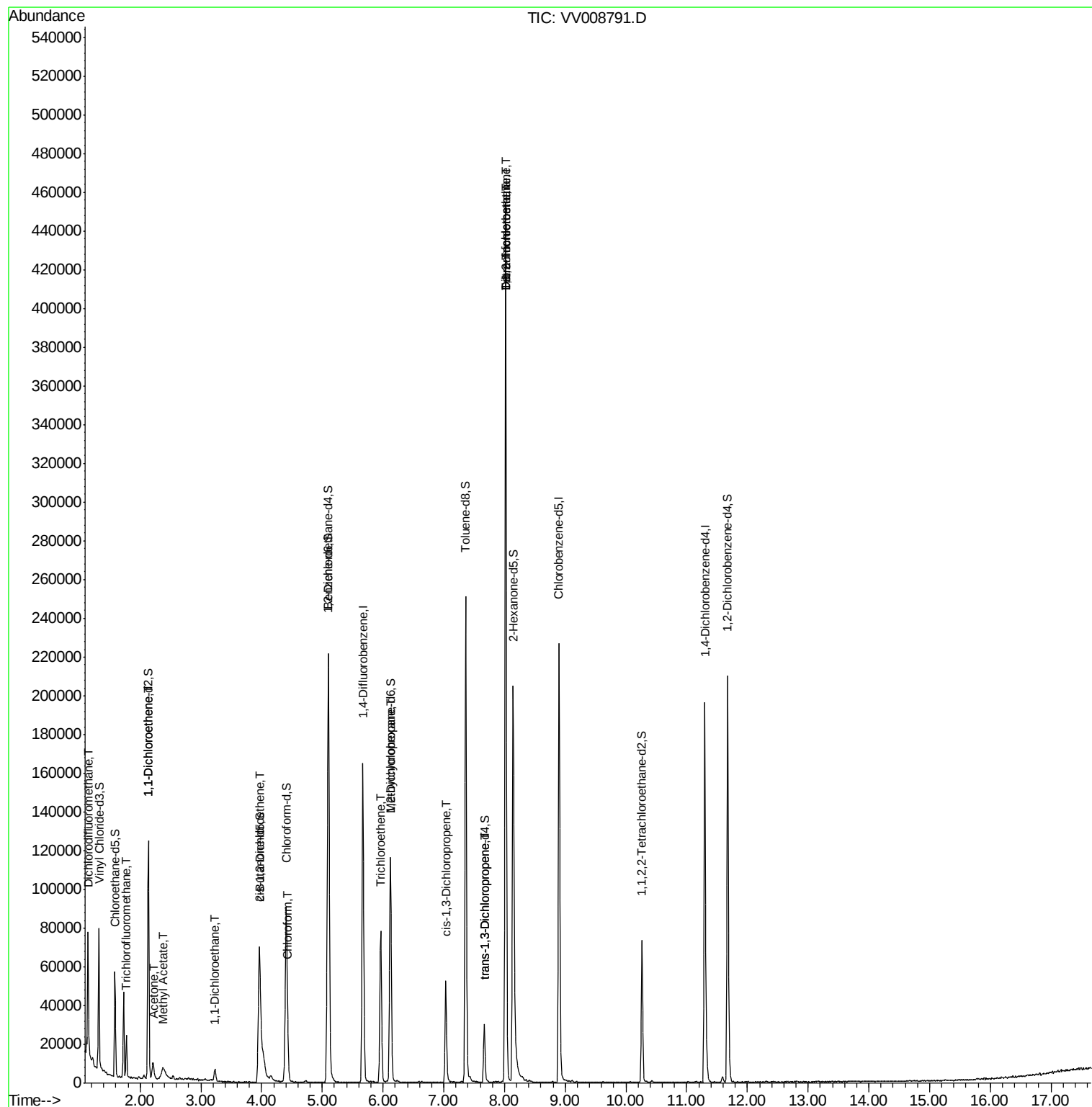
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

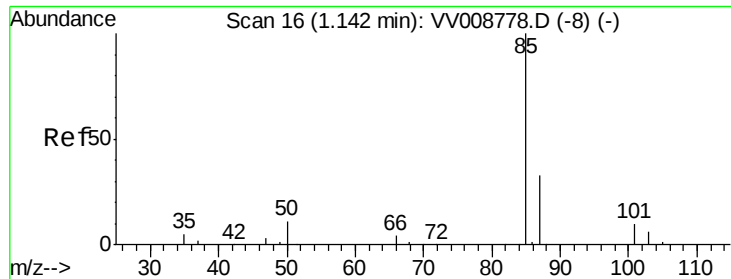
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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QLast Update : Fri Nov 30 06:23:09 2018
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#2

Dichlorodifluoromethane

Concen: 2.701 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV008791.D

Acq: 30 Nov 2018 03:12

Instrument :

MSVOA_V

ClientSampleId :

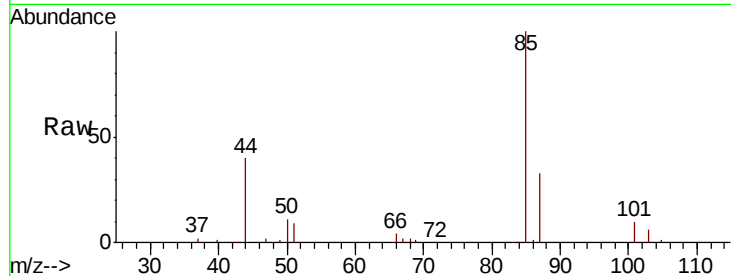
YALR1

Tgt Ion: 85 Resp: 33805

Ion Ratio Lower Upper

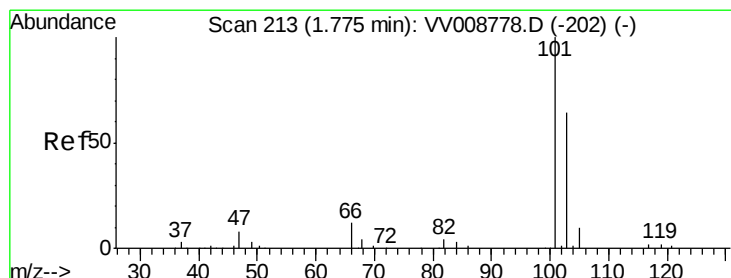
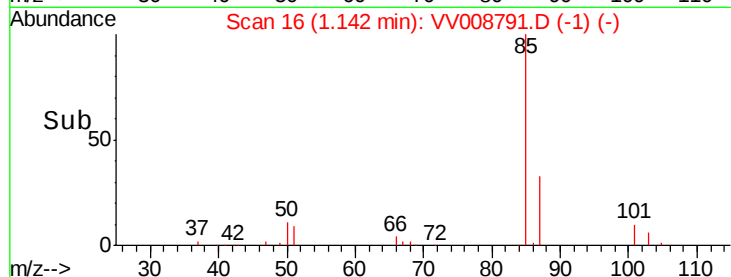
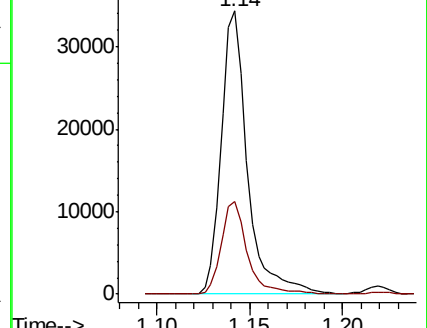
85 100

87 32.6 25.4 38.0



Abundance Ion 85.00 (84.70 to 85.70): VV008778.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV008791.D (-120) (-)



#9

Trichlorofluoromethane

Concen: 0.860 ug/L

RT: 1.78 min Scan# 213

Delta R.T. 0.00 min

Lab File: VV008791.D

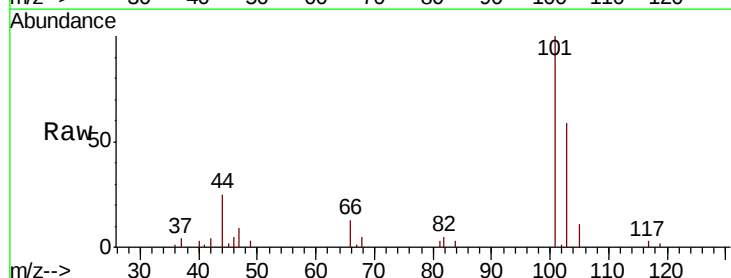
Acq: 30 Nov 2018 03:12

Tgt Ion: 101 Resp: 11971

Ion Ratio Lower Upper

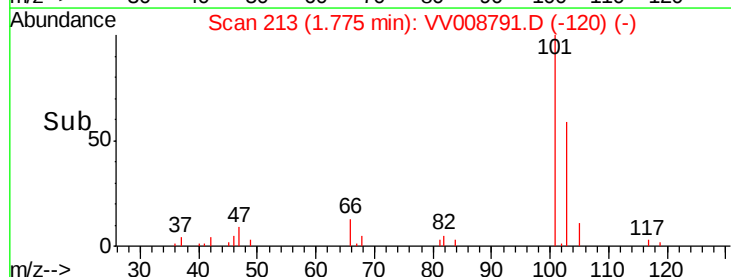
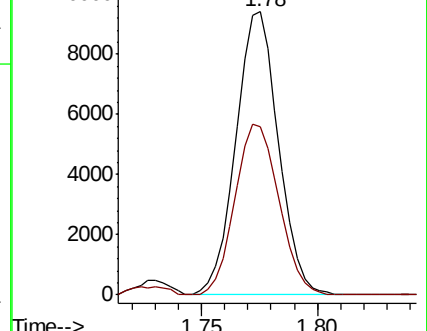
101 100

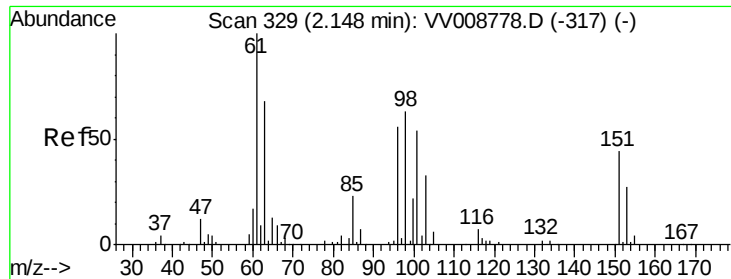
103 62.3 52.6 79.0



Abundance Ion 101.00 (100.70 to 101.70): VV008778.D (-202) (-)

Ion 103.00 (102.70 to 103.70): VV008791.D (-120) (-)





#12

1,1-Dichloroethene

Concen: 0.142 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV008791.D

Acq: 30 Nov 2018 03:12

Instrument :

MSVOA_V

ClientSampleId :

YALR1

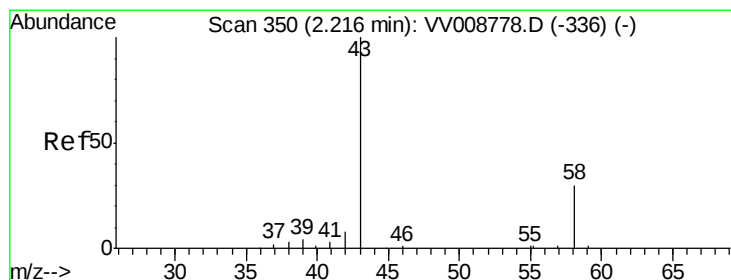
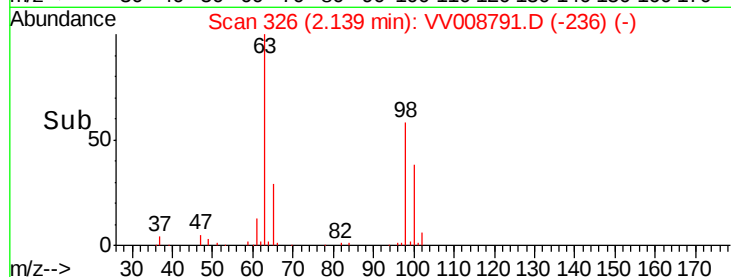
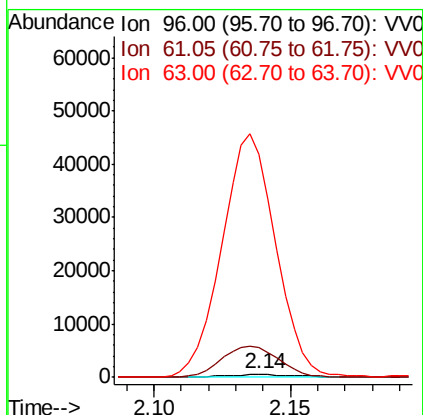
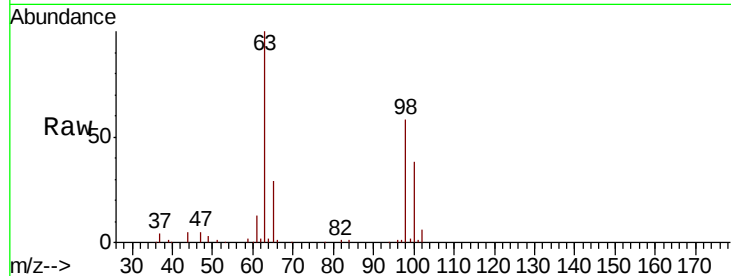
Tgt Ion: 96 Resp: 987

Ion Ratio Lower Upper

96 100

61 964.4 124.3 230.8#

63 7350.2 102.6 190.5#



#13

Acetone

Concen: 10.746 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.00 min

Lab File: VV008791.D

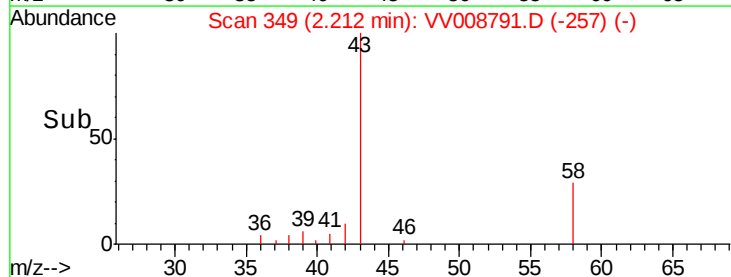
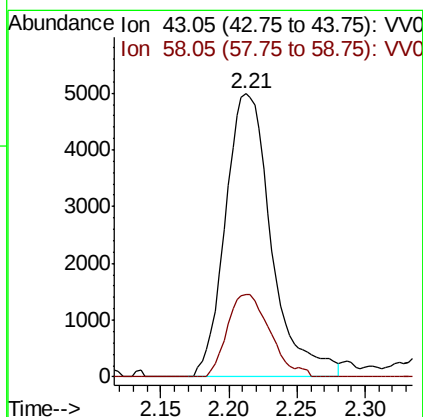
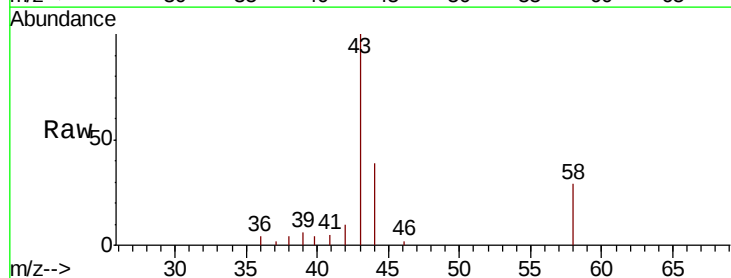
Acq: 30 Nov 2018 03:12

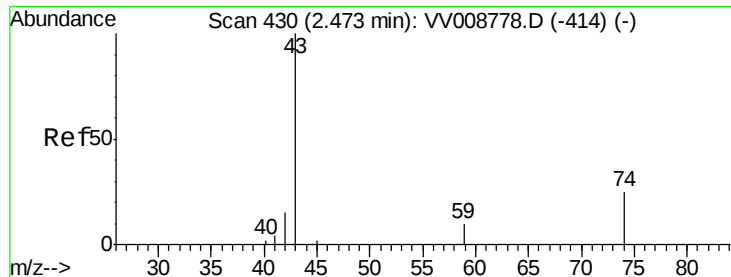
Tgt Ion: 43 Resp: 11738

Ion Ratio Lower Upper

43 100

58 26.9 0.0 59.8

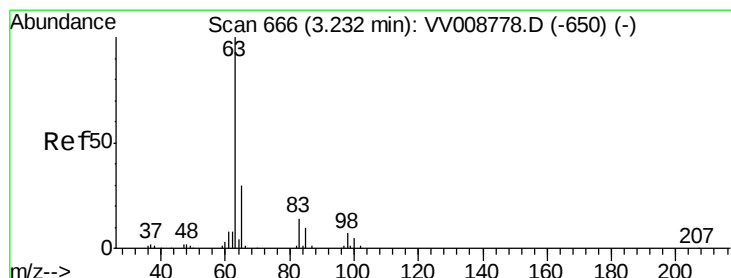
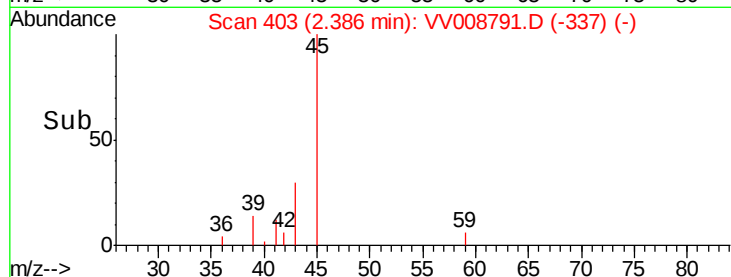
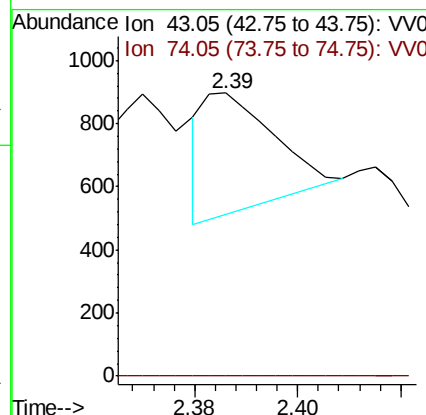
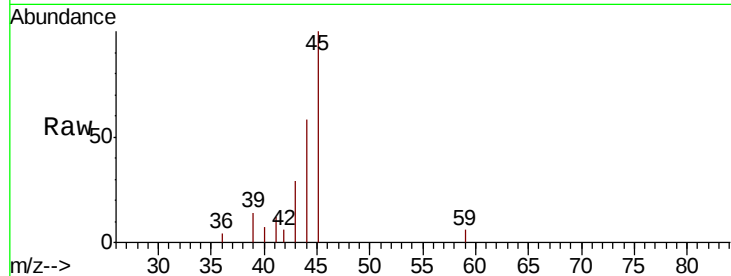




#15
Methyl Acetate
Concen: 0.123 ug/L
RT: 2.39 min Scan# 403
Delta R.T. -0.09 min
Lab File: VV008791.D
Acq: 30 Nov 2018 03:12

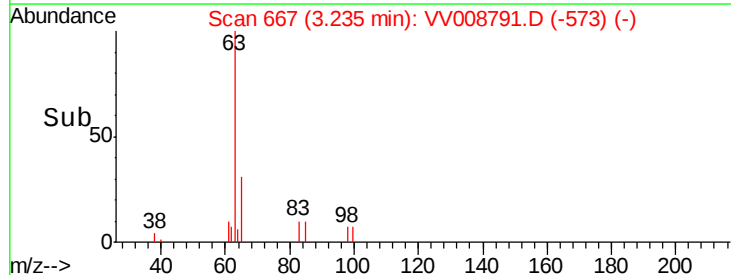
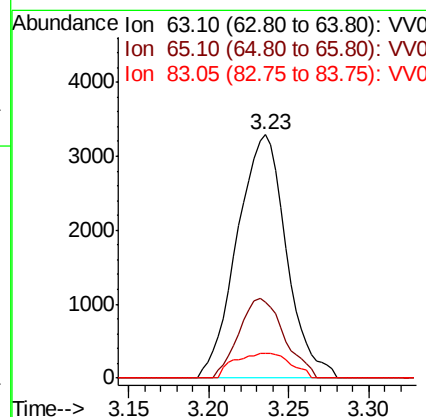
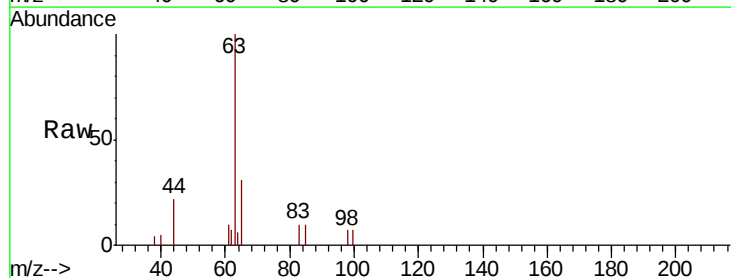
Instrument :
MSVOA_V
ClientSampled :
YALR1

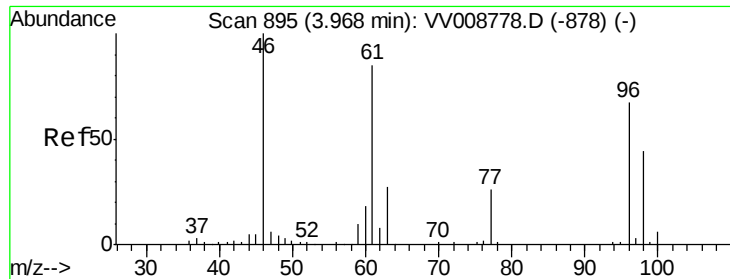
Tgt Ion: 43 Resp: 361
Ion Ratio Lower Upper
43 100
74 0.0 20.0 30.0#



#19
1,1-Dichloroethane
Concen: 0.407 ug/L
RT: 3.23 min Scan# 667
Delta R.T. 0.00 min
Lab File: VV008791.D
Acq: 30 Nov 2018 03:12

Tgt Ion: 63 Resp: 6913
Ion Ratio Lower Upper
63 100
65 31.0 21.3 39.6
83 10.3 9.9 18.5

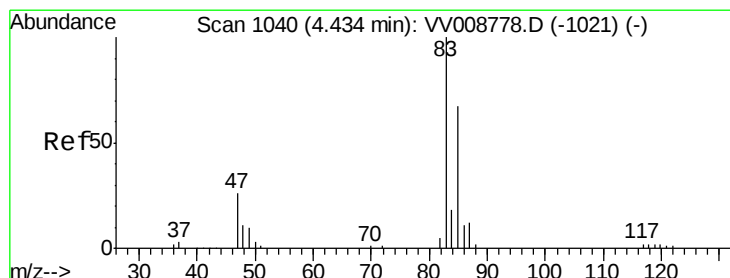
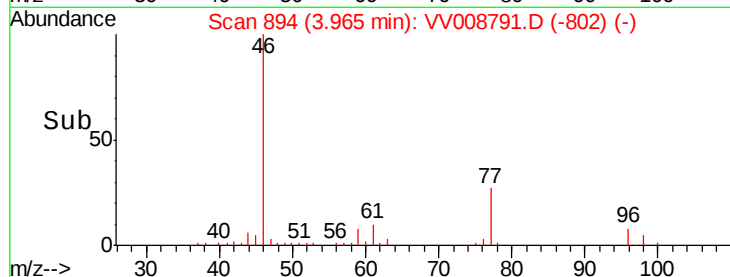
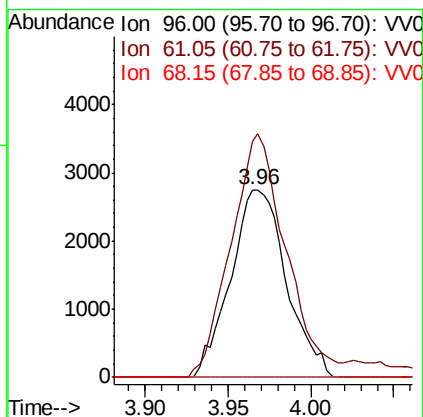
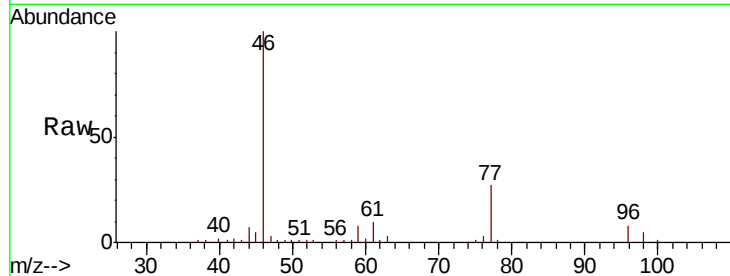




#22
 cis-1,2-Dichloroethene
 Concen: 0.599 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: VV008791.D
 Acq: 30 Nov 2018 03:12

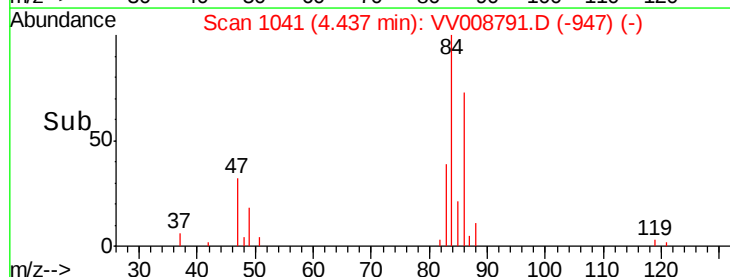
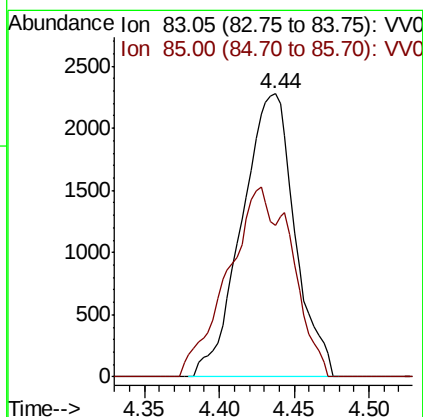
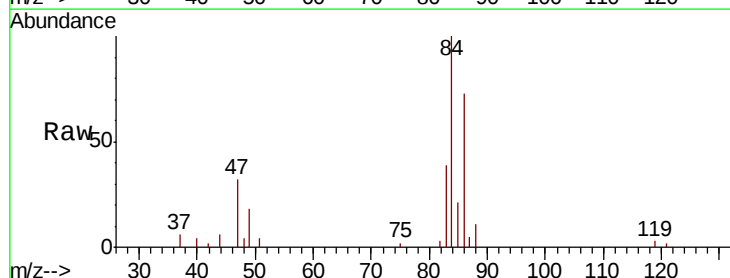
Instrument :
 MSVOA_V
 ClientSampleId :
 YALR1

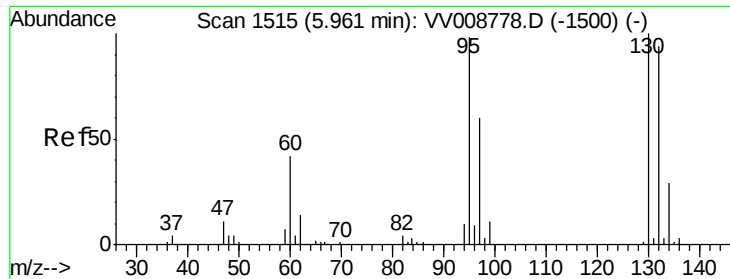
Tgt Ion: 96 Resp: 6435
 Ion Ratio Lower Upper
 96 100
 61 125.8 85.9 159.5
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.304 ug/L
 RT: 4.44 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VV008791.D
 Acq: 30 Nov 2018 03:12

Tgt Ion: 83 Resp: 5609
 Ion Ratio Lower Upper
 83 100
 85 53.4 47.0 87.4





#34

Trichloroethene

Concen: 2.433 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008791.D

Acq: 30 Nov 2018 03:12

Instrument :

MSVOA_V

ClientSampleId :

YALR1

Tgt Ion: 95 Resp: 26423

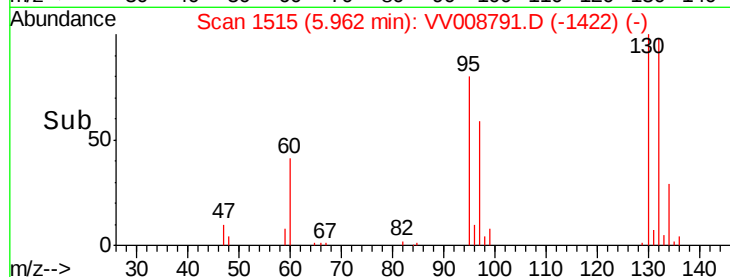
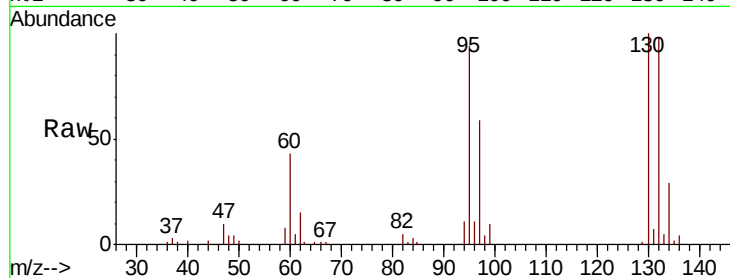
Ion Ratio Lower Upper

95 100

97 63.0 46.5 86.3

132 103.5 69.4 128.8

130 106.1 73.1 135.8

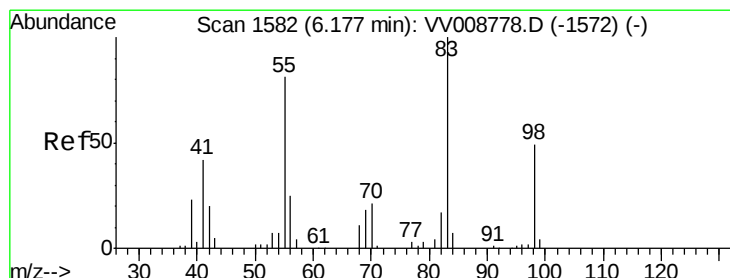
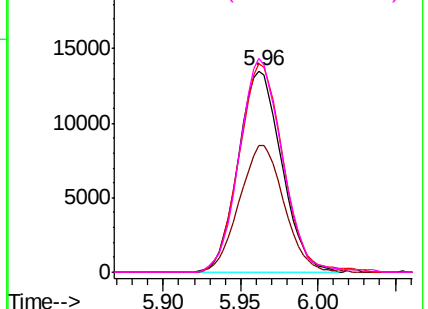


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.797 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008791.D

Acq: 30 Nov 2018 03:12

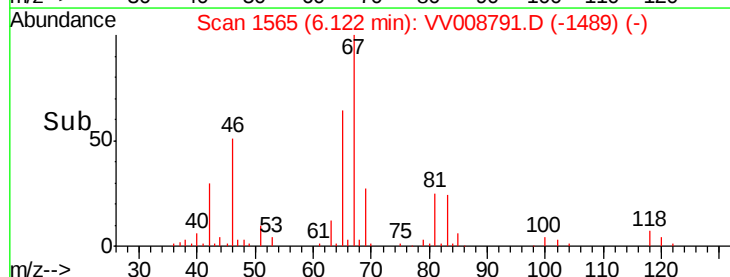
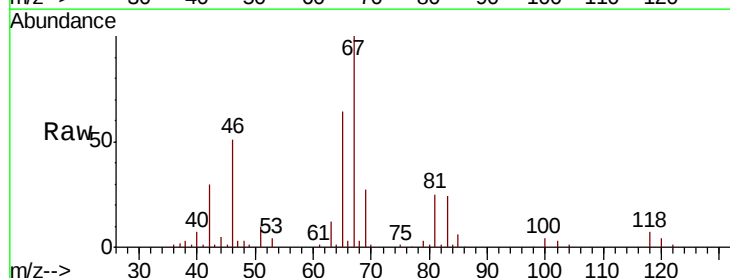
Tgt Ion: 83 Resp: 13734

Ion Ratio Lower Upper

83 100

55 0.0 60.1 90.1#

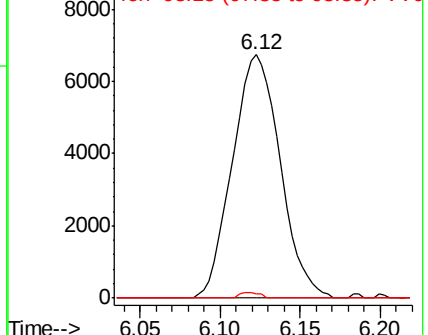
98 0.9 37.4 56.2#

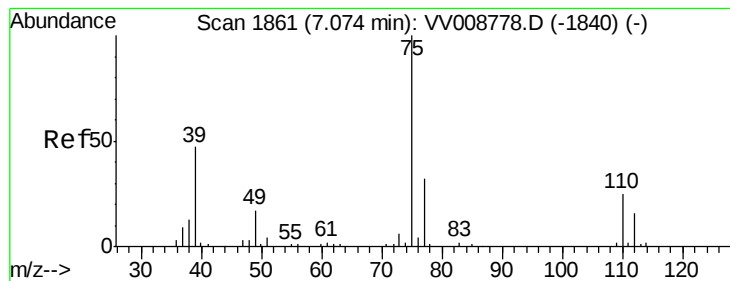


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



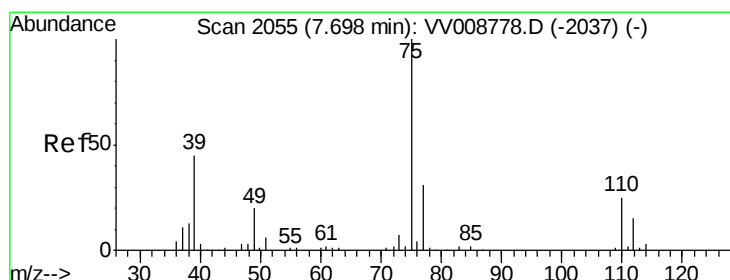
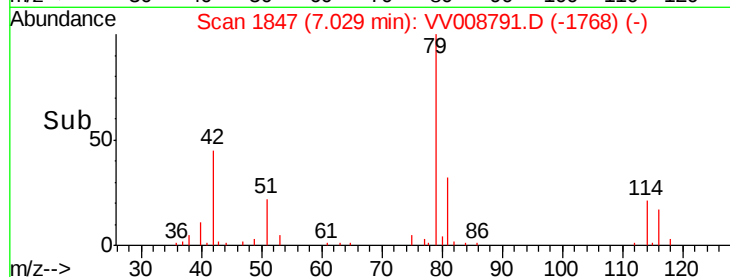
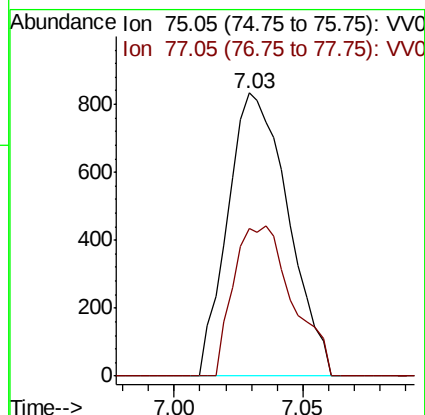
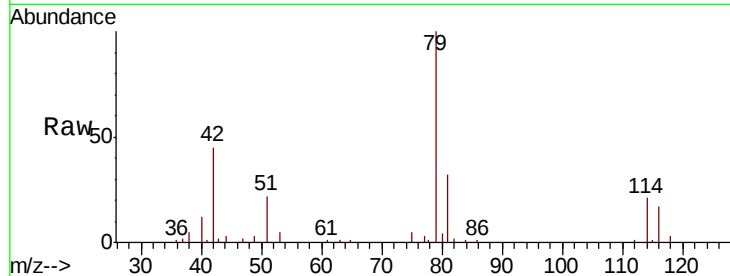


#39

cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV008791.D
 Acq: 30 Nov 2018 03:12

Instrument :
 MSVOA_V
 ClientSampleId :
 YALR1

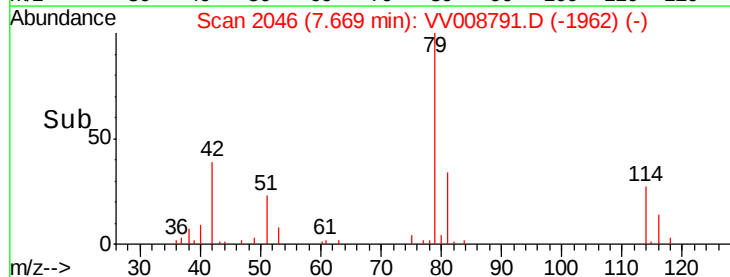
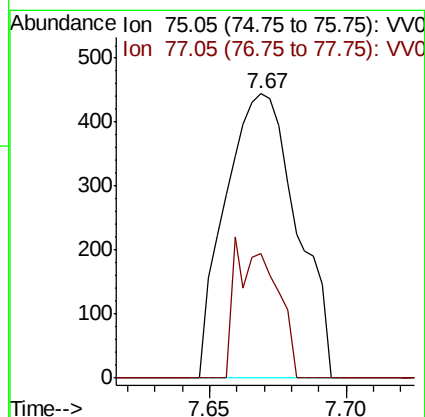
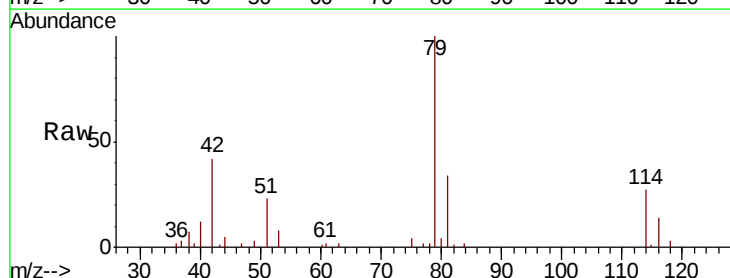
Tgt Ion: 75 Resp: 1363
 Ion Ratio Lower Upper
 75 100
 77 52.3 22.8 42.4#

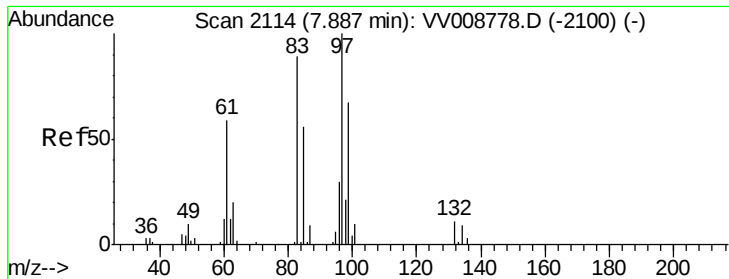


#44

trans-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV008791.D
 Acq: 30 Nov 2018 03:12

Tgt Ion: 75 Resp: 805
 Ion Ratio Lower Upper
 75 100
 77 43.5 21.3 39.5#

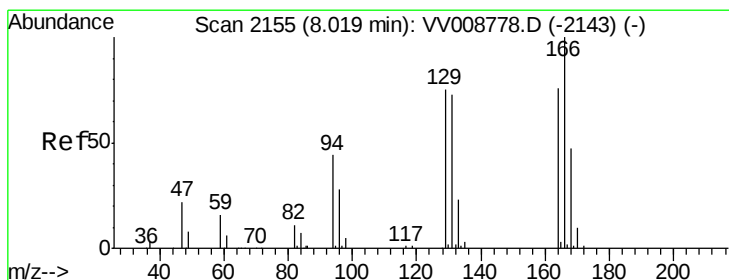
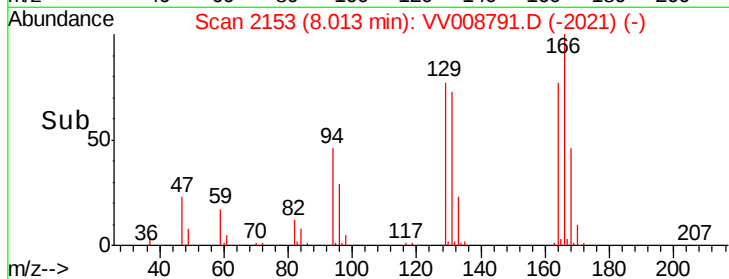
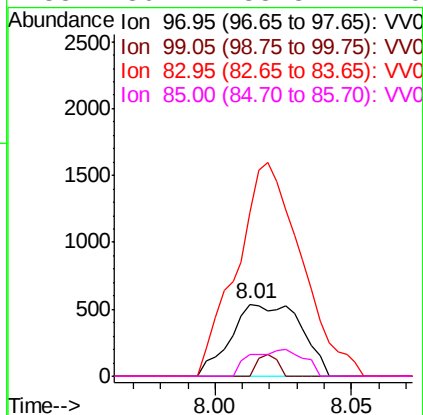
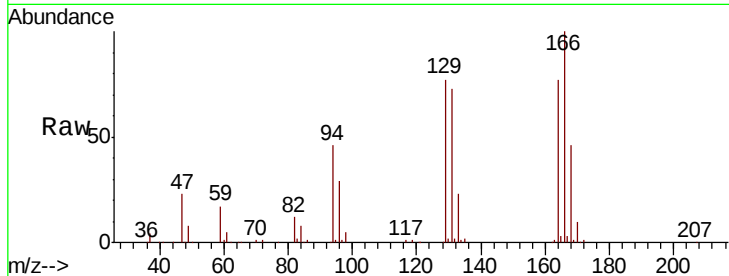




#45
 1,1,2-Trichloroethane
 Concen: 0.150 ug/L
 RT: 8.01 min Scan# 2153
 Delta R.T. 0.13 min
 Lab File: VV008791.D
 Acq: 30 Nov 2018 03:12

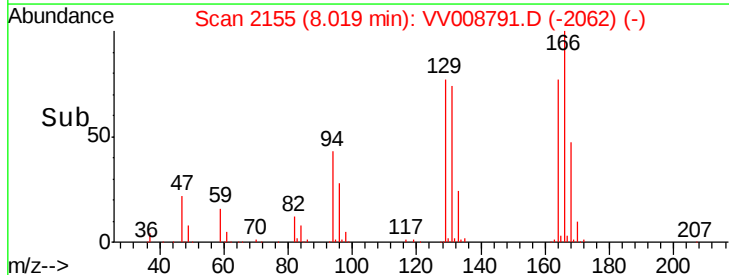
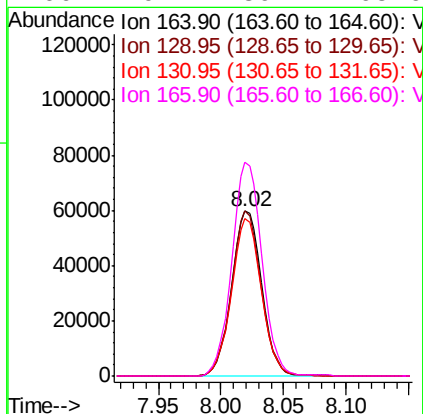
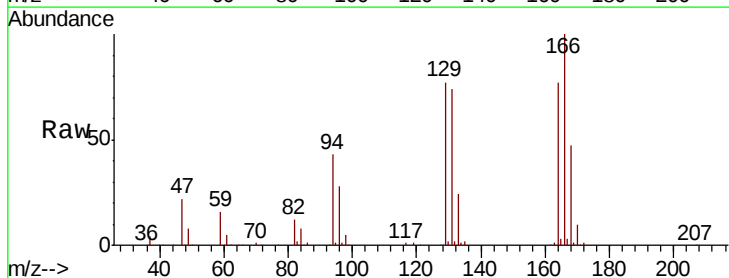
Instrument :
 MSVOA_V
 ClientSampleId :
 YALR1

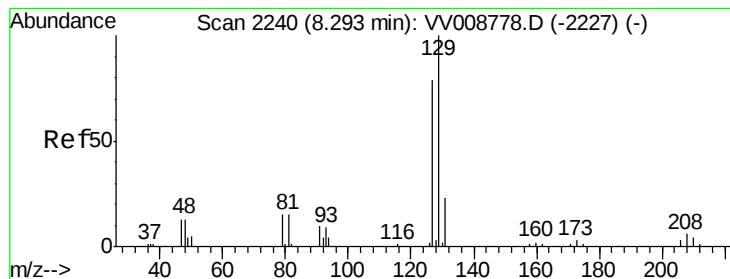
Tgt Ion: 97 Resp: 966
 Ion Ratio Lower Upper
 97 100
 99 0.0 44.2 82.2#
 83 226.5 59.6 110.6#
 85 30.1 38.8 72.0#



#47
 Tetrachloroethene
 Concen: 11.883 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV008791.D
 Acq: 30 Nov 2018 03:12

Tgt Ion: 164 Resp: 99822
 Ion Ratio Lower Upper
 164 100
 129 99.9 67.5 125.3
 131 95.2 65.9 122.5
 166 129.4 89.2 165.6





#49

Dibromochloromethane

Concen: 13.373 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV008791.D

Acq: 30 Nov 2018 03:12

Instrument :

MSVOA_V

ClientSampleId :

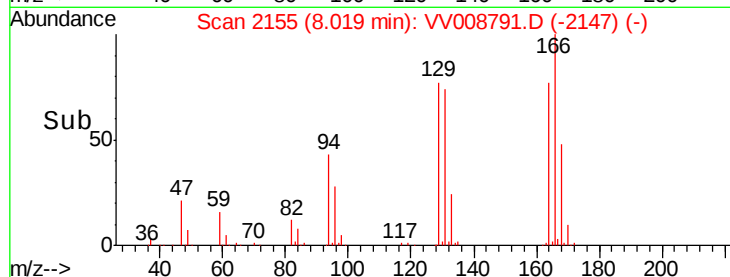
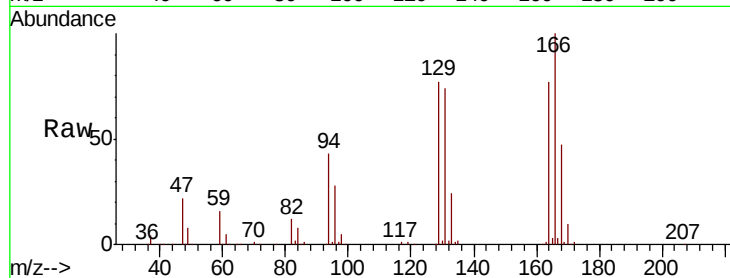
YALR1

Tgt Ion:129 Resp: 93811

Ion Ratio Lower Upper

129 100

127 0.2 55.3 102.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

