

Data File : VR026174.D
Acq On : 5 Nov 2018 11:57
Operator : SY/MD
Sample : J5802-07
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0BE8

Quant Time: Nov 06 03:21:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 06 03:06:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	608751	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	499905	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	148658	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	204310	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	2.62	69	208437	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	3.61	63	557478	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.20%
20) 2-Butanone-d5	6.59	46	222378	50.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.68%
24) Chloroform-d	7.20	84	381240	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	7.90	65	158800	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	7.86	84	734370	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	8.90	67	202375	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	9.97	98	638627	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	10.23	79	35905	3.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.00%
46) 2-Hexanone-d5	10.59	63	165530	52.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.40%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	75276	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	122407	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

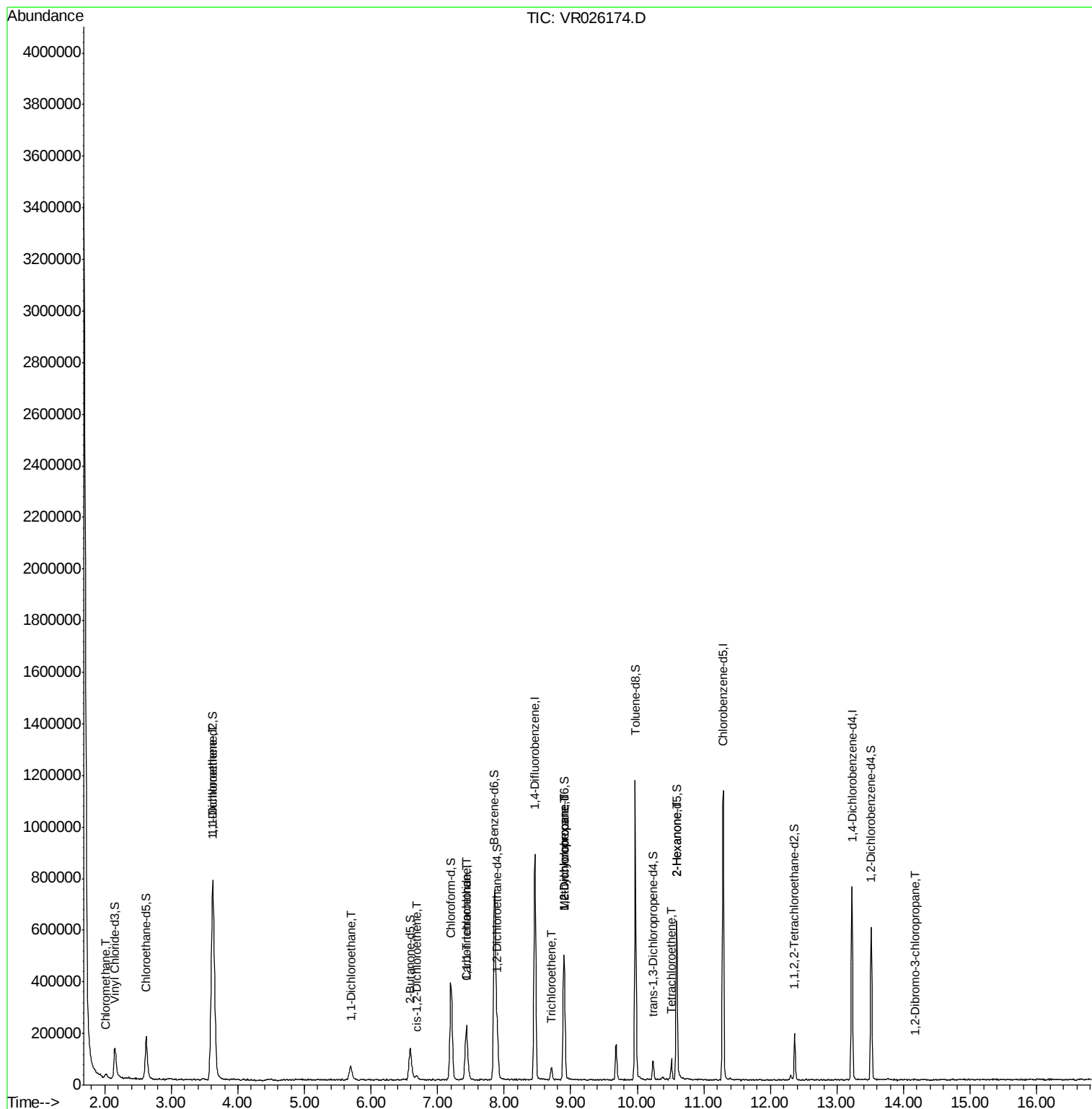
					Qvalue
3) Chloromethane	2.01	50	20913	0.322 ug/L	91
12) 1,1-Dichloroethene	3.63	96	328451	5.548 ug/L	83
19) 1,1-Dichloroethane	5.69	63	73293	0.872 ug/L	96
22) cis-1,2-Dichloroethene	6.67	96	4960	0.117 ug/L #	49
29) 1,1,1-Trichloroethane	7.43	97	180946	2.649 ug/L	98
31) Carbon tetrachloride	7.43	117	20489	0.330 ug/L	90
34) Trichloroethene	8.71	95	15091	0.314 ug/L	91
35) Methylcyclohexane	8.90	83	48909	0.684 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	24255	0.613 ug/L #	92
47) Tetrachloroethene	10.51	164	14538	0.424 ug/L	93
48) 2-Hexanone	10.59	43	26522	3.360 ug/L #	77
66) 1,2-Dibromo-3-chloropropan	14.17	75	374	0.232 ug/L #	62

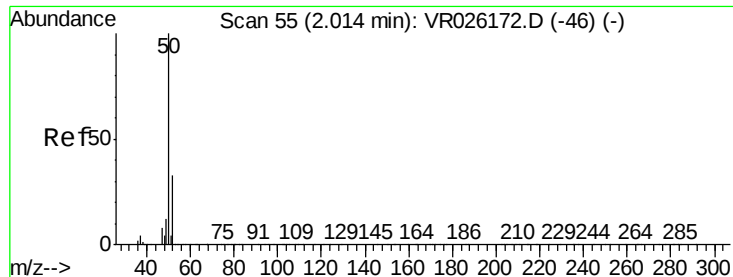
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.322 ug/L

RT: 2.01 min Scan# 55

Delta R.T. -0.00 min

Lab File: VR026174.D

Acq: 5 Nov 2018 11:57

Instrument :

MSVOA_R

ClientSampleId :

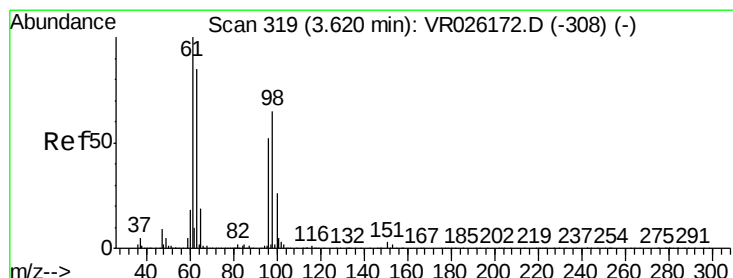
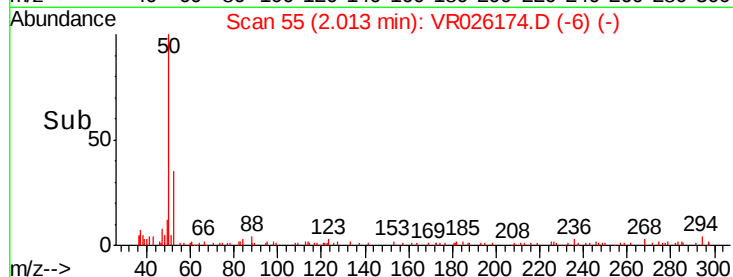
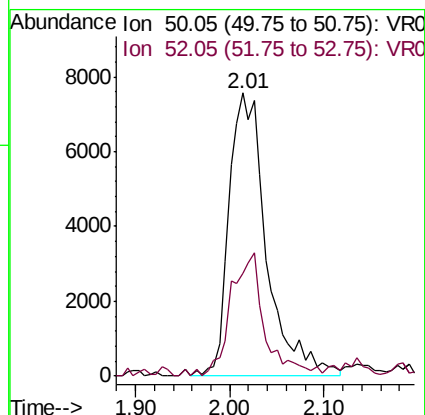
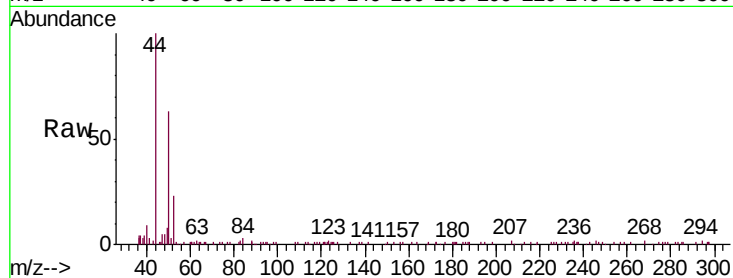
C0BE8

Tgt Ion: 50 Resp: 20913

Ion Ratio Lower Upper

50 100

52 36.4 22.0 40.8



#12

1,1-Dichloroethene

Concen: 5.548 ug/L

RT: 3.63 min Scan# 320

Delta R.T. 0.01 min

Lab File: VR026174.D

Acq: 5 Nov 2018 11:57

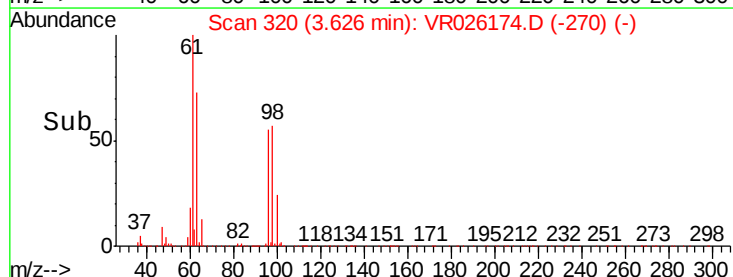
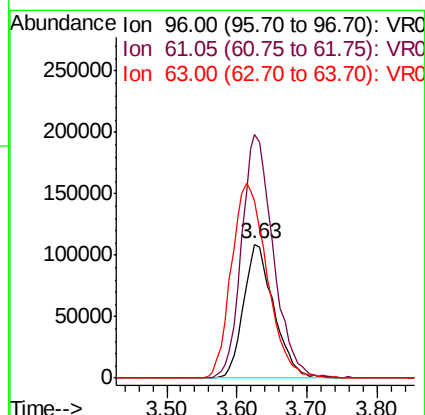
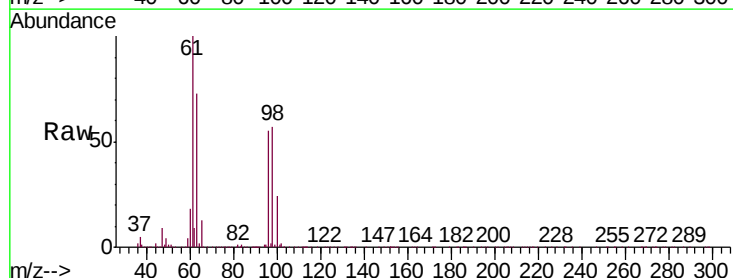
Tgt Ion: 96 Resp: 328451

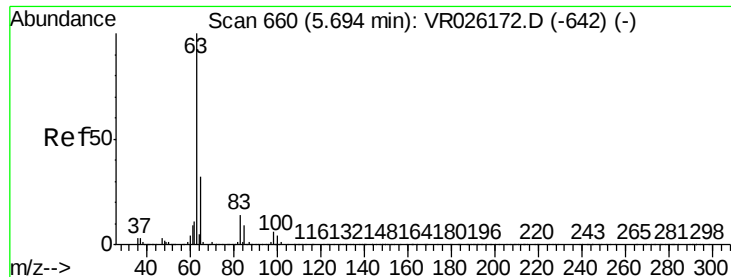
Ion Ratio Lower Upper

96 100

61 182.2 126.7 235.3

63 132.6 125.0 232.2





#19

1,1-Dichloroethane

Concen: 0.872 ug/L

RT: 5.69 min Scan# 660

Delta R.T. -0.00 min

Lab File: VR026174.D

Acq: 5 Nov 2018 11:57

Instrument :

MSVOA_R

ClientSampleId :

C0BE8

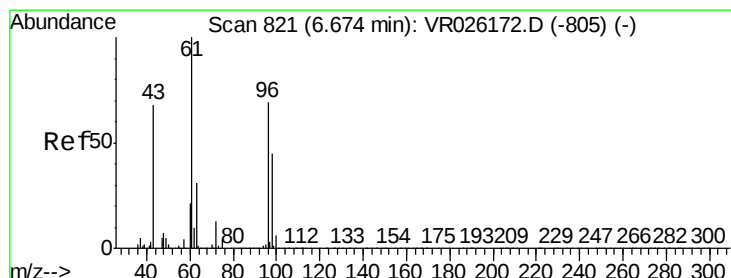
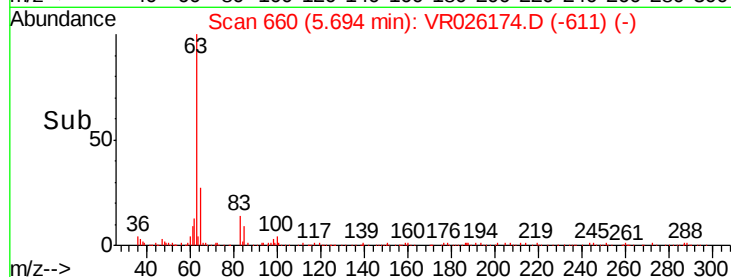
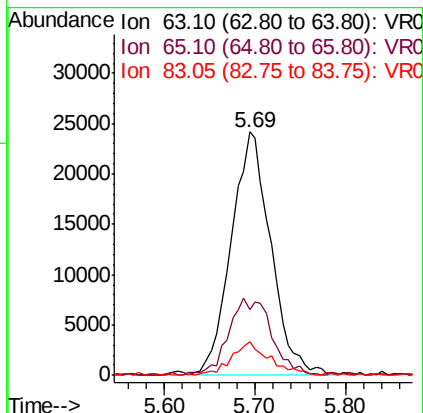
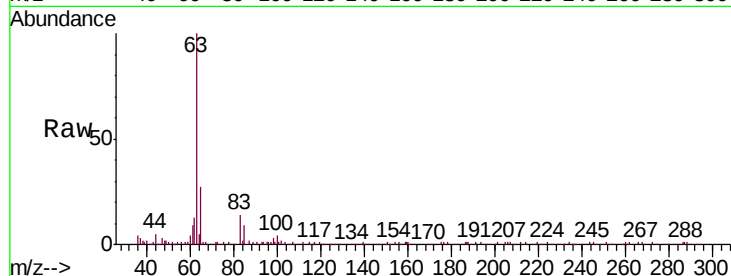
Tgt Ion: 63 Resp: 73293

Ion Ratio Lower Upper

63 100

65 27.1 21.2 39.4

83 13.8 9.2 17.2



#22

cis-1,2-Dichloroethene

Concen: 0.117 ug/L

RT: 6.67 min Scan# 821

Delta R.T. -0.00 min

Lab File: VR026174.D

Acq: 5 Nov 2018 11:57

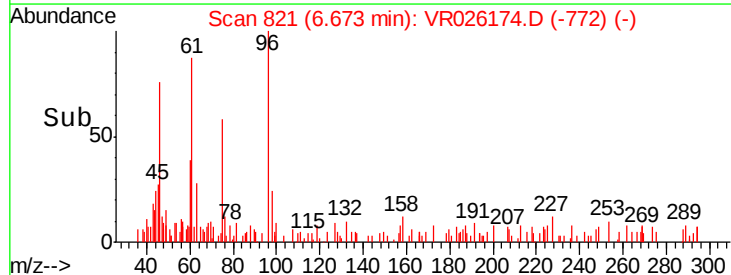
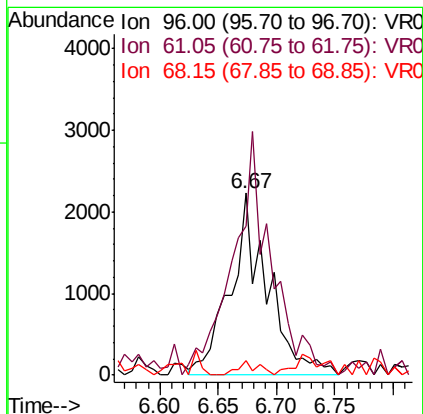
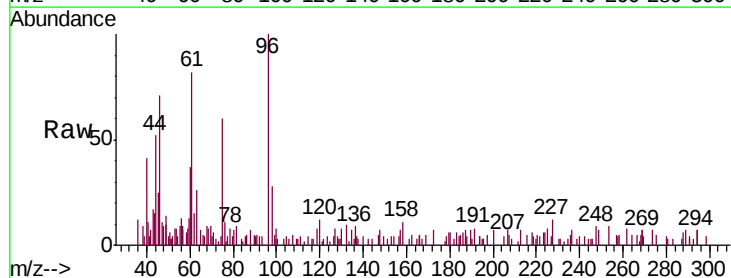
Tgt Ion: 96 Resp: 4960

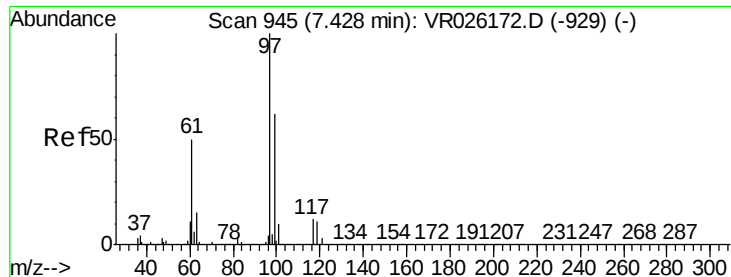
Ion Ratio Lower Upper

96 100

61 81.8 101.8 189.0#

68 8.3 0.1 0.3#

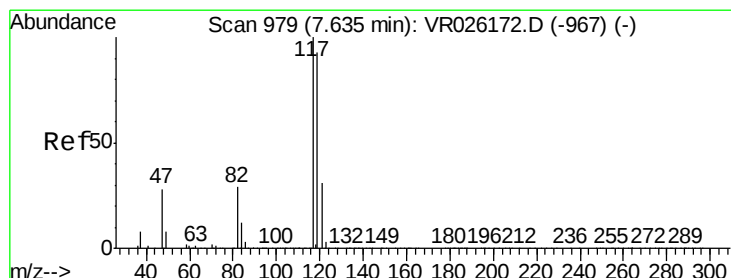
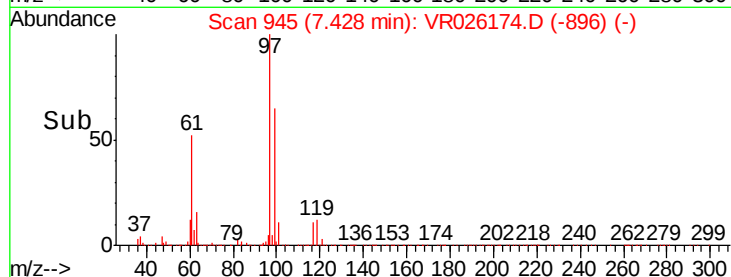
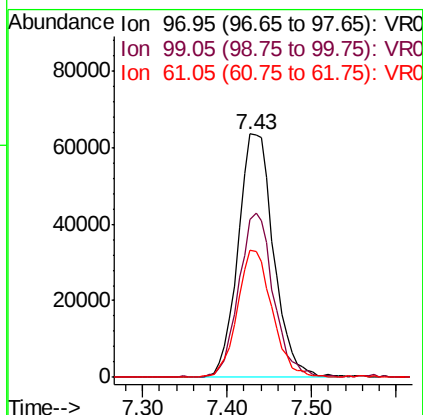
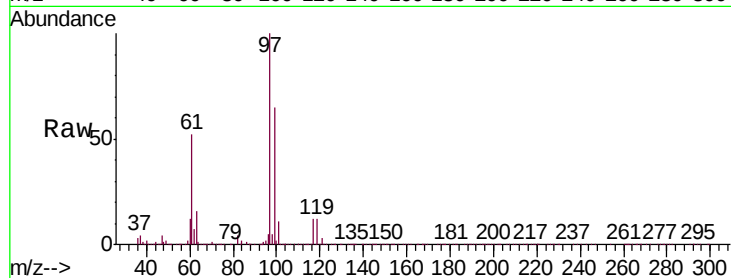




#29
 1,1,1-Trichloroethane
 Concen: 2.649 ug/L
 RT: 7.43 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: VR026174.D
 Acq: 5 Nov 2018 11:57

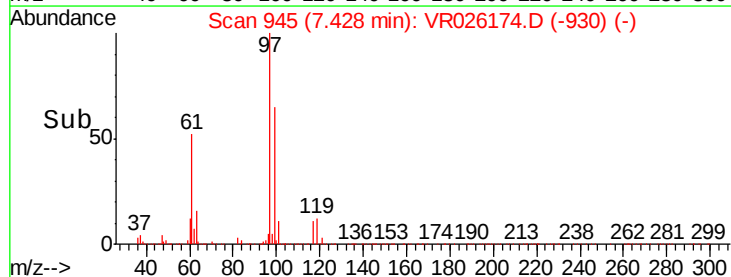
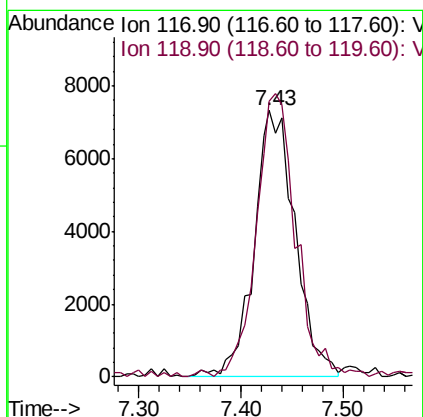
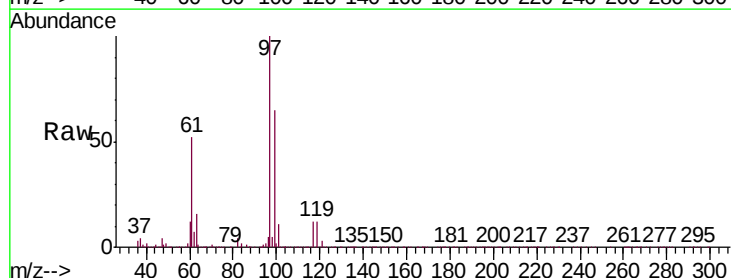
Instrument :
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 ClientSampleId :
 C0BE8

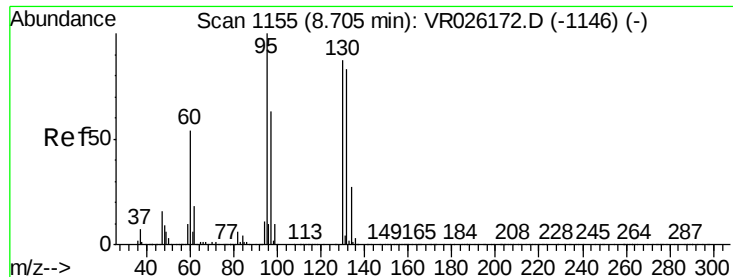
Tgt Ion: 97 Resp: 180946
 Ion Ratio Lower Upper
 97 100
 99 65.8 51.1 76.7
 61 51.1 42.1 63.1



#31
 Carbon tetrachloride
 Concen: 0.330 ug/L
 RT: 7.43 min Scan# 945
 Delta R.T. -0.21 min
 Lab File: VR026174.D
 Acq: 5 Nov 2018 11:57

Tgt Ion: 117 Resp: 20489
 Ion Ratio Lower Upper
 117 100
 119 102.0 74.2 111.2





#34

Trichloroethene

Concen: 0.314 ug/L

RT: 8.71 min Scan# 1155

Delta R.T. -0.00 min

Lab File: VR026174.D

Acq: 5 Nov 2018 11:57

Instrument :

MSVOA_R

ClientSampleId :

C0BE8

Tgt Ion: 95 Resp: 15091

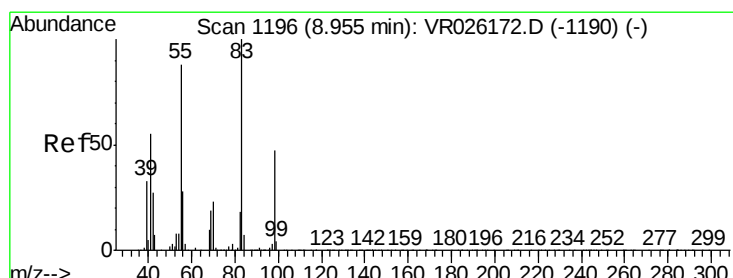
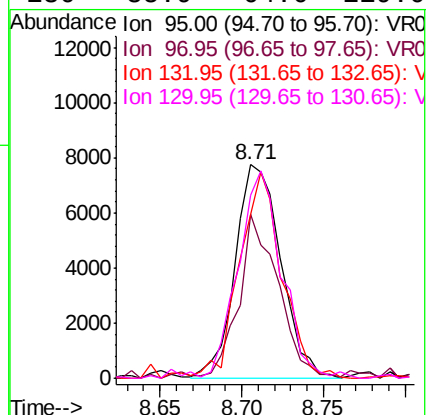
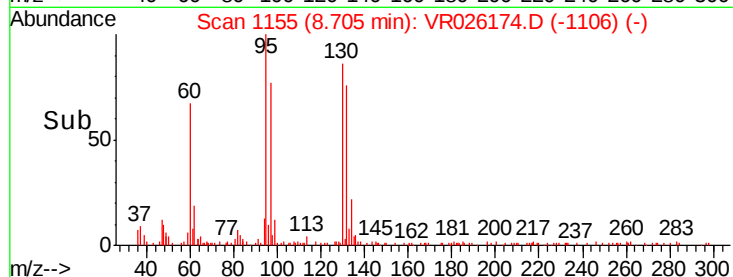
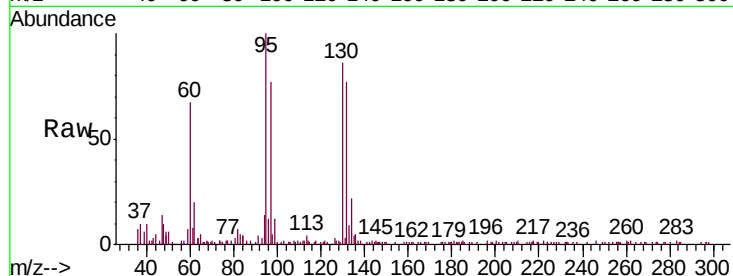
Ion Ratio Lower Upper

95 100

97 76.9 45.7 84.9

132 76.6 58.3 108.3

130 85.9 64.0 119.0



#35

Methylcyclohexane

Concen: 0.684 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR026174.D

Acq: 5 Nov 2018 11:57

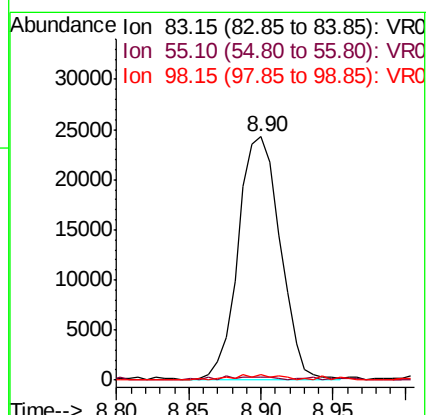
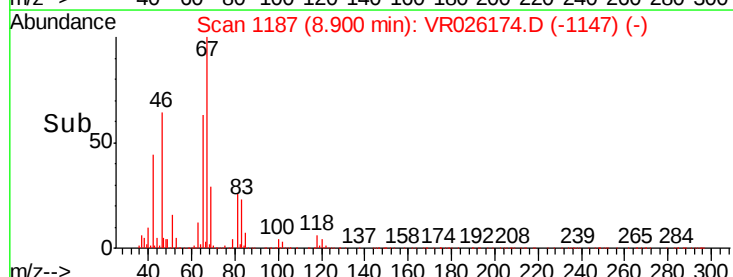
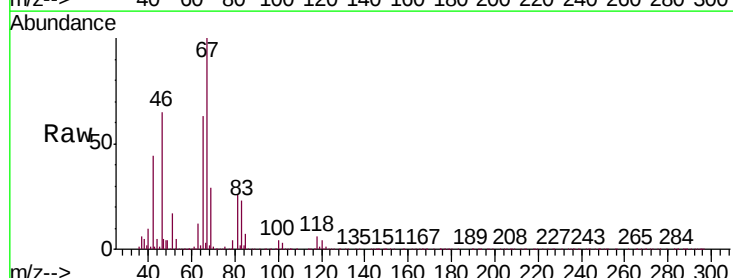
Tgt Ion: 83 Resp: 48909

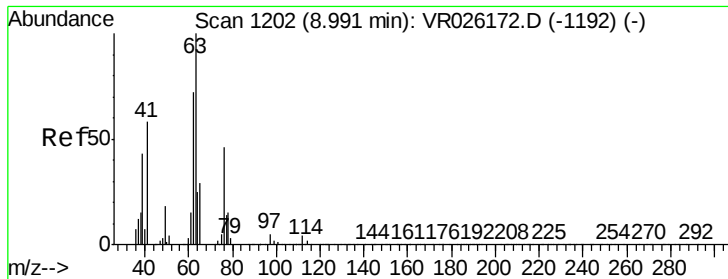
Ion Ratio Lower Upper

83 100

55 1.1 66.8 100.2#

98 2.6 35.2 52.8#

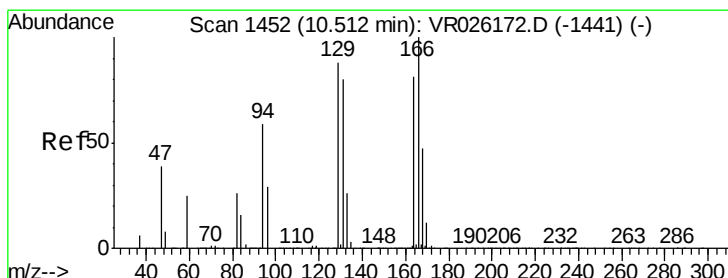
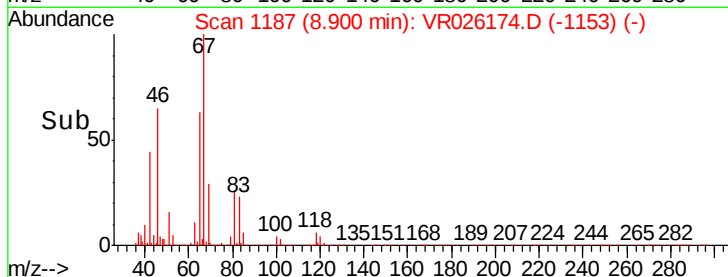
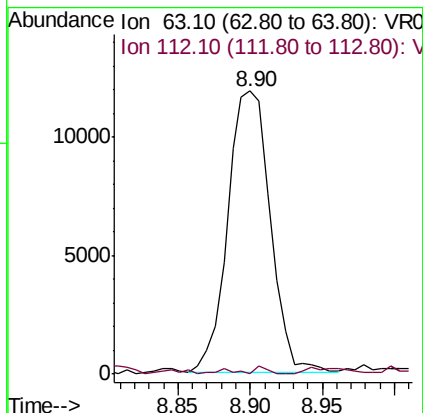
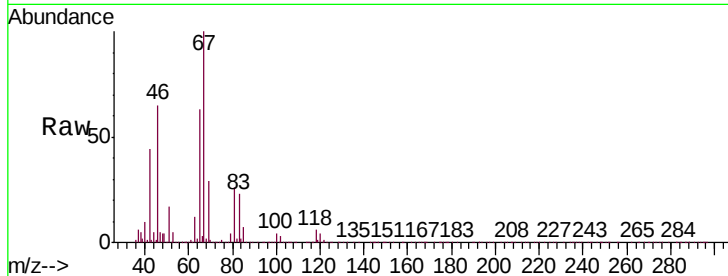




#37
 1,2-Dichloropropane
 Concen: 0.613 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.09 min
 Lab File: VR026174.D
 Acq: 5 Nov 2018 11:57

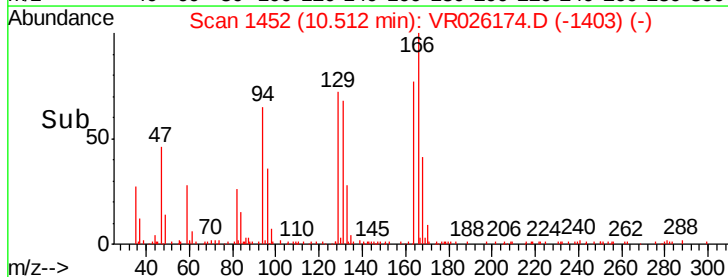
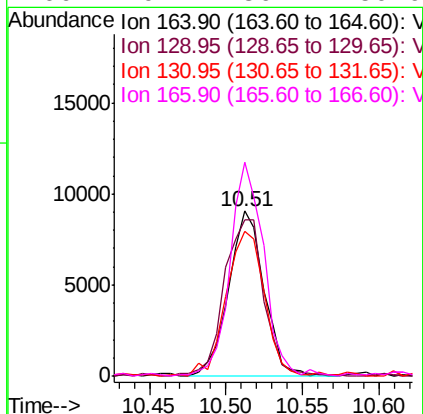
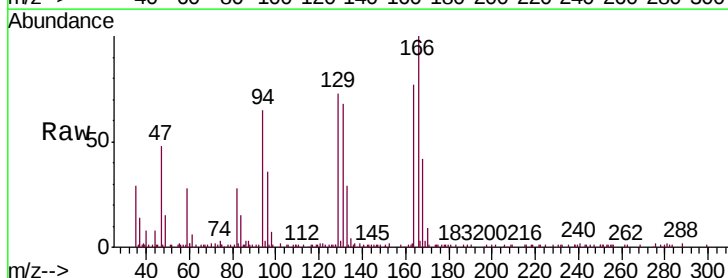
Instrument :
 MSVOA_R
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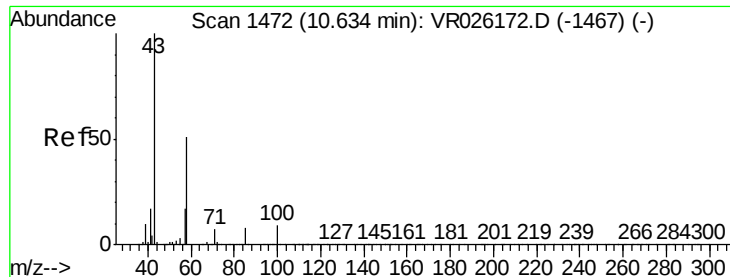
Tgt Ion: 63 Resp: 24255
 Ion Ratio Lower Upper
 63 100
 112 0.9 2.7 4.1#



#47
 Tetrachloroethene
 Concen: 0.424 ug/L
 RT: 10.51 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: VR026174.D
 Acq: 5 Nov 2018 11:57

Tgt Ion: 164 Resp: 14538
 Ion Ratio Lower Upper
 164 100
 129 94.3 70.3 130.5
 131 87.7 67.3 125.1
 166 129.4 86.1 159.9

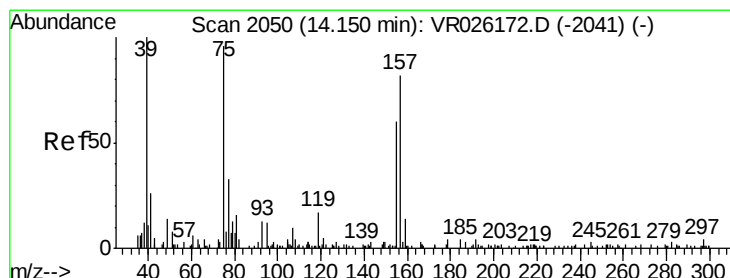
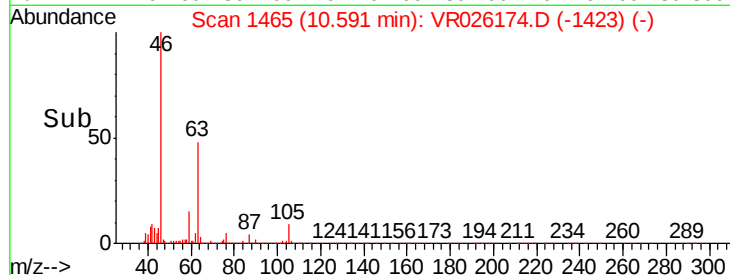
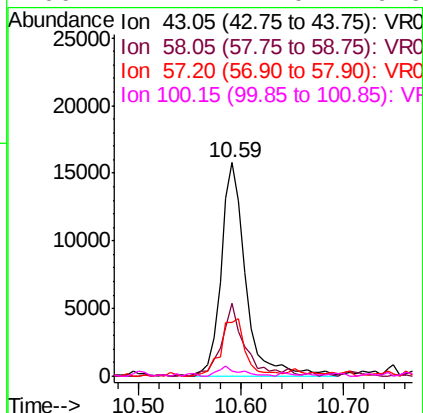
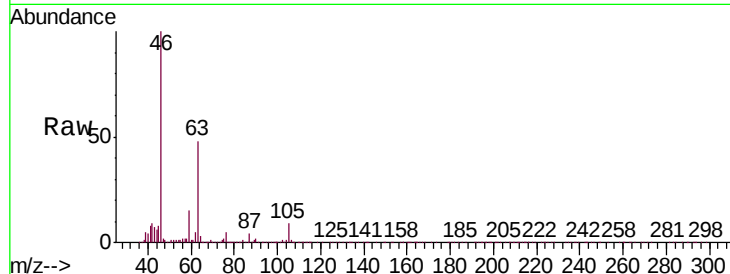




#48
2-Hexanone
Concen: 3.360 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026174.D
Acq: 5 Nov 2018 11:57

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ClientSampleID :
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Tgt Ion:	43	Resp:	26522
Ion	Ratio	Lower	Upper
43	100		
58	32.2	39.6	59.4#
57	27.3	14.0	21.0#
100	4.1	7.0	10.6#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.232 ug/L
RT: 14.17 min Scan# 2054
Delta R.T. 0.02 min
Lab File: VR026174.D
Acq: 5 Nov 2018 11:57

Tgt Ion:	75	Resp:	374
Ion	Ratio	Lower	Upper
75	100		
155	0.0	40.9	61.3#
157	68.7	67.3	100.9

